Appendix H

Site Audit Summary

(In order to save paper, the weekly inspection checklists are provided only in electronic format in the CD-ROM enclosed.)

C/N:04/90 12 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date Jun 2006 Time 09:30 Inspected | - | | | STU | T 1 (TD) |
|-----------------------|--|-----|--------|-------|-------|-----------|
| Site | LMX - Mech. Exection Area | .L | Contra | ctor: | W. F. | Kwok (TDK |
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| ✓ Ra | ain Stor |
| Temperate | ure 25 °C Humidity ↓ High Modera | ite | Lov | N | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | , | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | 1 | | | (M) 0 |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | V | | | |
| AIR QUAL | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | | | |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | V | 2 | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | ✓ | 180 | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | ~ | | | | |
| | Construction Sites | 1 | - | | | |
| EM&A : A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | V | | | = | |
| | Stockpiling of dusty materials | | | | | |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|-----|-----|----|-----|-------------------------------|
| | Cement and dry pulverized fuel ash (PFA) | | , | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | 1 | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | / | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | | | 1117 |
| | Loading, unloading or transfer of dusty materials | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | / | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | 1 | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | 1 | | | Cleaning Dranked 184 RX |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | 1 | | | | - |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | / | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | / | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | 1 | | | | |
| | Concrete batching plant | | | | 1 | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | 1 | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | / | | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | 1 | | | | |
| EM&A: | Are all the conveyor transfer points totally enclosed? | 1 | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | / | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | | | |
|-----------------|---|-----|-----|----|-----|---------|--|--|--|--|--|
| | Dredged Materials | | | | | | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | | | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | | | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | / | | | | | | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 1 | | | | | | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | 1 | | | | | | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | | | | | | | | | | |
| | General refuse | | | | | | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | 1 | | | | | | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | 1 | | | | | | | | |
| WMP | Is the refuse disposed of regularly and properly? | | / | | | | | | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | 1 | | | | | | | | |
| | Chemical Waste | | | | | | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | / | | | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | | / | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | 1 | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | 1 | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | / | | | |
| | Storage, collection and transportation of waste | J | | اا | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | 1 | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | - | | | | |
| | (2) reusable / recyclable materials; | / | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | / | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | 1 | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | - |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | 1 | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | / | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | 1 | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | 1 | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|---|--|-----|---------------------------|-------|---------|----------------|
| EM&A: C1 | Are working programmes sched | duled to minimize noise nuisance? | | / | | | |
| EM&A: C1 | Are construction works or equipulation nuisance? | oment sited to minimize noise | | 1 | | | |
| EM&A: C1 | Are all plant and equipment ma conditions? | intained in good operating | | 1 | | | |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | 1 | | | |
| EM&A: C1 | Are methods of working devised nuisance? | d and arranged to minimize noise | | 1 | | | |
| EM&A: C1) | Are construction works carried on nuisance? | | 1 | | | | |
| EM&A: C2 | To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some pow sensitive time periods? | | / | | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | | 1 | | | | |
| NCO | Are valid construction noise per inspection? | mits, if required, available for | / | | | | |
| NCO | Are conditions of construction n relevant part(s) of the works imp | | / | | | | |
| NCO | Are valid noise emission labels find held percussive breakers? | ixed at air compressors and hand | | 1 | | | - |
| | Major noise source(s) | ☐ Traffic ☐ Construction activities outside the site | | Constru site Others | ction | activit | ies inside the |

Abbreviation

VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
WDO: Waste Disposal Ordinance

Varied Environmental Permit

Waste Management Plan

APC (Construction Dust) Regulation

APC (Open Burning) Regulation

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unknown

| Remark | | | | | | | | | | |
|--------|--|---|---|-------|---|---|--|--|--|--|
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Signatures

ET Member

Contractor's Representative

(Name in Rlock letters:

WISIN

(Name in Block letters:

C/N:04/90 | 2 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date & Jun 2006 Time 09130 Inspected | | ET: | | . 57 | |
|-----------------------|--|----------|--------|-------|-------|------------|
| Site | LMX-Mech. Exection Area | L | Contra | ctor: | W. F. | Kwok (TDK) |
| | | | | | | |
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle | R | ain Storn |
| Temperat | ure 26°C Humidity V High Modera | ite | Lov | ٧ | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | 1 | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | E | / | | | |
| AIR QUAL Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | | | |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | / | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | / | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | V | | | | |
| | Construction Sites | | | | | |
| EM&A : A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | / | | | | |
| | Stockpiling of dusty materials | | | | | |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to mintain the entire surface wet to prevent dust emission? | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|-----|-----|----|---|---------------------------------------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | V | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | ~ | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | ~ | | | | |
| | Loading, unloading or transfer of dusty materials | | | | *************************************** | · · · · · · · · · · · · · · · · · · · |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | V | | | : | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | ~ | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | ~ | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | V | | | Cleaning Provided By P.Y. |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | ~ | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | - | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | | | | - | |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | ~ | | | | |
| EM&A: | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | ~ | | | | |
| EM&A: | Are all the conveyor transfer points totally enclosed? | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | 1 | | | | |
| Cap3110 | Is open burning prohibited? | | 1 | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remark |
|-----------------|---|-----|-----|----|-----|--------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | (| | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 1 | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | 1 | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | / | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | / | | | | |
| | General refuse | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | 1 | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | / | | | |
| WMP | Is the refuse disposed of regularly and properly? | | 1 | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | / | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | / | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|-----|-----|--|
| WDO | Has the Contractor been registered as a chemical waste producer? | | 1 | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | 1 | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | 1 | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | 1 | | | |
| | Storage, collection and transportation of waste | | Ł | L | | · |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | 1 | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | 1 | | | | ************************************** |
| | (2) reusable / recyclable materials; | 1 | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | 1 | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | / | | | |
| | | I | | 1 [| ĺ | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|----------|----|-----|---------|
| | Surface Run-off | | <u> </u> | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | 1 | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | 1 | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | 1 | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | / | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|----------|--------------|-------------|---------|
| | Boring and Drilling Water | † | <u> </u> | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | - | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | / | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | - | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | - |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|--|--|-----|---------------------------|--------|---------|----------------|
| EM&A: C1 | Are working programmes sched | luled to minimize noise nuisance? | | / | | | |
| EM&A: C1 | Are construction works or equipout nuisance? | oment sited to minimize noise | | 1 | | | |
| EM&A: C1 | Are all plant and equipment man conditions? | intained in good operating | | | | | |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | 1 | | | |
| EM&A: C1 | Are methods of working devised nuisance? | d and arranged to minimize noise | | | | | |
| EM&A: C1) | Are construction works carried on nuisance? | out in a manner to minimize noise | | / | | | |
| EM&A: C2 | | | | / | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | | 1 | | | | |
| NCO | Are valid construction noise per inspection? | mits, if required, available for | 1 | | | | |
| NCO | Are conditions of construction n relevant part(s) of the works imp | | 1 | | | | |
| NCO | Are valid noise emission labels find held percussive breakers? | ixed at air compressors and hand | | 1 | | - | |
| | Major noise source(s) | ☐ Traffic ☐ Construction activities outside the site | | Constru site Others | uction | activit | ies inside the |

Abbreviation

| VEP | : |
|-------|---|
| TX/NA | L |

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
WDO: Waste Disposal Ordinance

WMP: Cap311R: Cap311O: Cap311: PN1/94:

Varied Environmental Permit

Waste Management Plan

APC (Construction Dust) Regulation

APC (Open Burning) Regulation

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

| Remark | | | | |
|--------|--|-----------|------|--|
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| | and the same of th | | | |
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Signatures

ET Member

Contractor's Representative

(Name in Block letters:

WSW

(Name in Block letters:

W. 7. Kwok

C/N:04/90 | 2 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date 15 Jun cb Time 0 9130 Inspected | - | ET: | | <u> </u> | |
|-----------------------|--|-----|----------|-------|----------|------------|
| Site | LMX - Mech. Frection Area | ,L | Contra | ctor. | W. F. | Kwok (TDK) |
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| Ra | ain Storm |
| Temperati | ure ☐ °C Humidity ☐ High ☐ Modera | te | Lov | V. | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | 1 | | | E H |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | |
| AIR QUALI | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | | | |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | ✓ | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | ✓ | | 2 | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | / | | | | |
| | Construction Sites | | | | | |
| EM&A: A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | / | | | | |
| | Stockpiling of dusty materials | | | | | |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | / | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|-------------|-----|----|-----|--|
| | Cement and dry pulverized fuel ash (PFA) | | • | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | / | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | · | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | / | | | | |
| | Loading, unloading or transfer of dusty materials | | | LL | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | / | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | / | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | (| | | Cleary Proted By P.Y. |
| | Transfer of dusty materials using a belt conveyor system | <u> </u> | | | | 3 |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | (| | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | 1 | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | / | | | | and the second s |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | 1 | | | | · . |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | / | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | (| | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | 7 | | | | |
| EM&A: A2 | Are all the conveyor transfer points totally enclosed? | 1 | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | / | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | | |
|-----------------|---|-----|-----|----|-----|---------|--|--|--|--|
| | Dredged Materials | | | | | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | - | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | | | · | | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 1 | | | | | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | / | | | | | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | / | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | | | | | | | | | |
| | General refuse | | | | | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | 1 | | | | | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | 1 | | | | | | | |
| WMP | Is the refuse disposed of regularly and properly? | | 1 | 1 | | | | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | 1 | | | | | | | |
| | Chemical Waste | | | | | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | / | | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|-----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | | 1 | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | 1 | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | 1 | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | 1 | | | |
| | Storage, collection and transportation of waste | | | لبب | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | (| | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | 1 | | | | |
| | (2) reusable / recyclable materials; | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | 1 | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | 1 | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| , - , | Surface Run-off | | | | -h | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | / | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 7 | | | | - |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | / | - | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | 1 | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | (| | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | 1 | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | V | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | 1 | | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | V | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | 1 | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | / | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|---|--|-----|---------------------------|--------|--------|-----------------|
| EM&A: C1 | Are working programmes sched | uled to minimize noise nuisance? | | ~ | | | |
| EM&A: C1 | Are construction works or equip nuisance? | ement sited to minimize noise | | 1 | | | |
| EM&A: C1 | Are all plant and equipment mai conditions? | ntained in good operating | | V | | | |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | 1 | | | |
| EM&A: C1 | Are methods of working devised nuisance? | l and arranged to minimize noise | | V | | | |
| EM&A: C1) | Are construction works carried on nuisance? | out in a manner to minimize noise | | ~ | | | |
| EM&A: C2 | To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some pow sensitive time periods? | | | \ <u>\</u> | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | | ~ | | | | |
| NCO | Are valid construction noise per inspection? | nits, if required, available for | ✓ | | | | |
| NCO | Are conditions of construction n relevant part(s) of the works imp | | ~ | | | | |
| NCO | Are valid noise emission labels findle percussive breakers? | ixed at air compressors and hand | | 1 | | | |
| | Major noise source(s) | ☐ Traffic ☐ Construction activities outside the site | | Constri site Others | uction | activi | ties inside the |

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Cap311R:

Waste Management Plan APC (Construction Dust) Regulation

WDO:

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance

Cap3110: Cap311: PN1/94: Unk:

APC (Open Burning) Regulation Air Pollution Control Ordinance

Waste Disposal Ordinance

Practice Note for Professional Persons (Construction Site Drainage) Unknown

Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

Wisin

(Name in Block letters:

W. F. Kank

C/N:04/9012

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date W/b/2006 Time (0:30 Inspected | i By | ET: | 4 | Ma | vin - |
|---------------------------------------|--|------|--------------|-------|-----|-------------|
| | | | Contra | ctor: | K | argunond (1 |
| Site | LMX – Mech. Erection Area | | | | | |
| Weather | | | | | | _ |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle | R | ain Storm |
| Temperat | ure 30°C Humidity High Modera | te | Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | , | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | / | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | | | | |
| AIR QUAL Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| Kei. | | N/A | Yes | No | Unk | Remarks |
| C=-211D. | General Requirements Has the contractors notified EPD of the construction site which is | T | ل | , | · | |
| Cap311R: 3 | classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | 1 | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | | / | | | |
| · · · · · · · · · · · · · · · · · · · | Construction Sites | | L | I | | <u> </u> |
| EM&A : A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | | | | | spray by |
| | Stockpiling of dusty materials | I | | l | | |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|-------------|-----|----------|---|---------------------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | | / | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | / | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | 4 | | |
| | Loading, unloading or transfer of dusty materials | | | <u> </u> | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | | | , | Claning provided by |
| | Transfer of dusty materials using a belt conveyor system | | | • | , | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | U | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | 1 | - | | | |
| Cap311R: Schr 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | 1 | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | 1 | | | | |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | 1 | | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | 1 | | | | |
| EM&A: A2 | Are all the conveyor transfer points totally enclosed? | 1 | | | | |

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| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | | / | | | : |
| Cap3110 | Is open burning prohibited? | | / | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | · | | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|--------------|-----|----|-----|---------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | | , | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | | | | | - |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | | | | | : |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | | | | | |
| WMP = | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | \checkmark | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | | | | | |
| | General refuse | | | · | | <u></u> |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | J | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | 0 | | | |
| WMP | Is the refuse disposed of regularly and properly? | | | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | | | | |

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| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------------------|--|-----|-----|----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | | V | | | - |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | | , | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | / | | | · |
| | Storage, collection and transportation of waste | | | I | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | / | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | 1 | | | | |
| | (2) reusable / recyclable materials; | 1 | | | | |
| to the make to the meth | (3) un-reusable / non-recyclable waste for landfill disposal. | | / | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | / | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|----------|----|-----|---------|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | V | | | | 1 . |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | | , | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | / | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | 1 | , | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | 1 | | | | |
| | Groundwater | ļ., | / | ļ | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | |

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| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | | - | | | |
| | Wheel Washing Water | | / | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | V | | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | V | / | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | | / | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | | | | | |

NOISE

| | T | | | | | 1 | |
|----------------|--|--|-----|--------|--------|--------|-----------------|
| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
| EM&A: C1 | Are working programmes schedu | iled to minimize noise nuisance? | | | | | |
| EM&A: C1 | Are construction works or equip- nuisance? | ment sited to minimize noise | | | | | |
| EM&A: C1 | Are all plant and equipment main conditions? | ntained in good operating | | | , | | |
| EM&A: C1/GP | Is idle equipment turned off or the | rottled down? | | | / | | |
| EM&A: C1 | Are methods of working devised nuisance? | and arranged to minimize noise | | | , | | |
| EM&A: C1) | Are construction works carried on nuisance? | ut in a manner to minimize noise | | | | | |
| EM&A: C2 | To mitigate construction noise di holidays, is either one of the folla a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods? | owing measures adopted? | | / | / | | |
| EM&A: C3 | To mitigate night time constructi equipped with silencers or muffle | | 1 | | | | |
| NCO | Are valid construction noise perr inspection? | nits, if required, available for | | / | | | |
| NCO | Are conditions of construction no relevant part(s) of the works imp | | | 1 | > | | |
| NCO | Are valid noise emission labels f held percussive breakers? | ixed at air compressors and hand | | | | | |
| | | ☐ Traffic | 9 | Constr | uction | activi | ties inside the |
| - | Major noise source(s) | ☐ Construction activities outside the site | 0 | Others | | | |

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| Abbreviation | | | · · |
|--|--|--------------|--|
| VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk: | Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Con Unknown | NCO: WDO: | EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance rainage) |
| Remark | | | |
| | | | |
| | | | |
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| | | | |
| A | | | |
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| | | | |
| | | | |
| Signatures | | | |
| ET Member | Contractor's Repres | sentative | |
| | | | IEC's Representative This site inspection was carried out in the presence of IEC's representative |
| | Λ | | |
| | | / | TAIN |

Name in Block Letters:

(Name in Block letters: Regnered Chin,

C/N:04/90/2 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date 19 In July Time 0 150 Inspected | • ⊢ | ET: | W. | Sw | II (mat) |
|-----------------------|--|------------|--------|-------|-------------|------------|
| Site | LMX-Muh. Freeton Arch - L9 | ' | Contra | ctor: | W.F. | Kwok (TDK) |
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle | R | ain Storm |
| Temperat | ure 16 ℃ Humidity 7 High Modera | te | Lov | N | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | / | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | L | | |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | ✓ | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | / | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | / | | | | |
| | Construction Sites | | | I | | |
| EM&A: A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | ✓ | | | | |
| p | Stockpiling of dusty materials | | ····· | | | |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | / | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|----------|-------------|---------|----------|---------------------------------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | 1 | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | - | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | | | |
| | Loading, unloading or transfer of dusty materials | 4 | | <u></u> | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | / | | - | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | / | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | 1 | | | Cleaning Privided By P.Y. |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | 1 | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | / | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | 1 | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | / | | | | |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | / | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | / | | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | / | | | | 1 |
| EM&A: A2 | Are all the conveyor transfer points totally enclosed? | V | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | -l | | II | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | ~ | | | | |
| Cap3110 | Is open burning prohibited? | | / | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|-----|-----|----|-----|---------|
| | Dredged Materials | | | | - | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | / | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | ~ | | | | |
| | Construction Waste and Excavated Materials | | | | - | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | ~ | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | V | | | - | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | / | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | - | |
| | General refuse | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | / | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | ~ | | | |
| WMP | Is the refuse disposed of regularly and properly? | | ~ | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | / | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|-------------|--|-----|-----|----|-----|---------|--|--|
| WDO | Has the Contractor been registered as a chemical waste producer? | | ~ | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | 1 | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | / | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | 1 | | | | | |
| | Storage, collection and transportation of waste | | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | / | | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | _ | | | | | | |
| | (2) reusable / recyclable materials; | ~ | | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | / | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | / | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Surface Run-off | | - | | - | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | 1 | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | ~ | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | V | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | / | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | V | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | 1 | _ | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | 1 | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | ~ | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | / | | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | ~ | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | | Yes | No | Unk | Remarks |
|----------------|---|--|---|-----|----|-----|---------|
| EM&A: C1 | Are working programmes sched | | ~ | | | | |
| EM&A: C1 | Are construction works or equip nuisance? | | / | | | | |
| EM&A: C1 | Are all plant and equipment mai conditions? | | / | | | | |
| EM&A: C1/GP | Is idle equipment turned off or the | | / | | | | |
| EM&A: C1 | Are methods of working devised nuisance? | | V | | | | |
| EM&A: C1) | Are construction works carried on nuisance? | | V | | | | |
| EM&A: C2 | To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted? a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods? | | | ✓ | | | |
| EM&A: C3 | To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers? | | | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | | | | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | | | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | | | 1 | | | |
| | Major noise source(s) | ☐ Traffic ☐ Construction activities outside the site | Construction activities inside the site Others | | | | |

Abbreviation

VEP:

WMP:

Cap311R: Cap311O: Cap311: PN1/94:

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
WDO: Waste Disposal Ordinance

Unk:

Varied Environmental Permit

Waste Management Plan

APC (Construction Dust) Regulation

APC (Open Burning) Regulation

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

| Remark | | | |
|--------|------|------|---------------------------------------|
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Signatures

ET Member

Contractor's Representative

(Name in Block letters:

W.SI-

(Name in Block letters:

Vw. F. Knok

The Hongkong Electric Co. Ltd. Lamma Power Station Extension - Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

| Inspection | date [1/6/06] Time [10 220] Inspect | ed By | ET: | Porr | yh | long, P |
|-----------------------|--|-------|------|-------|-------|----------|
| Site | LMX - Superstructure | | | | . KIN | go hlong |
| Weather | | | | - | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| Ra | nin Sto |
| Temperati | ure O°C Humidity High Modera | te _ | Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | - [] |
| GENERAL | | | | | | Mark W. |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | 1 | | 150 | 10, |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | in S |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | | 1 | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | 1 | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | / | | | | |
| | Construction Sites | | | | | |
| EM&A: | Are haul roads paved with concrete or sprayed with water to keep | | | | | |
| | the entire road wet? | | 1 | | | 102 1 |
| | Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious | | / | | | 102.5 |

Page Lot

maintain the entire surface wer to prevent dust emission?

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------|--|-----|--------|----|-----|---------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | 1 | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | XXXX |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | / | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | | | |
| | Loading, unloading or transfer of dusty materials | | | 13 | 38 | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | 1 | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | / | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | / | | | |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | 1 | E LOTE | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | 1 | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | 1 | | | - | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | / | | -3 | - | K |
| | Concrete batching plant | | | - | | P. |
| EM&A: | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | 1 | | | | |
| EM&A: | Are dusty materials, except cement and dry PFA, wetted by water spray system? | 1 | | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point. | / | | | | 74 |
| | III and the second of the seco | 1 | | 1 | | |

| Rel | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|------|----------|
| | Miscellaneous | | | | | |
| Cap311R: Sdx 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | 1 | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | 1775 | aregree. |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|-----|------|----|-----|---------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | 11 |
| VMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | / | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | / | | | | |
| | Construction Waste and Excavated Materials | , | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | | | | £: |
| VMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | | 1 | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | | / | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | Fire | | | |
| | General refuse | | | | | |
| WAIP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | - | | | |
| WAIP | Is general refuse stored within receptacles and separated from chemical wastes? | | 1 | | | 3 /32 |
| VMIP | Is the refuse disposed of regularly and properly? | | 1 | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | / | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | 1 | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-------|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | / | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | / | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste**? | / | | | - n | |
| EΜ&Λ: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | / | | | | |
| | Storage, collection and transportation of waste | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | / | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | 1 | | | | |
| | (2) reusable / recyclable materials; | / | | 11 | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | / | 14. | | 310 (| [|
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | / | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|--|-----|------------|------|-----|-------------|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | 1 | (C) 14 5 E | 210. | | The same of |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | (| | | | |
| PN 1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | 1 | | | | |
| PN 1794 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | (| | | | |
| | Groundwater | | | | | |
| bN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | Po L |

| Ref | Checklist Condition | N/A | Yes | No. | Unk | Remarks |
|---------|--|-----|-----|-----|-----|---------|
| | Boring and Drilling Water | | | | | |
| L×11/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | | | |
| | Wheel Washing Water | | | | | PIE |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | 1 | | | e i |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: GI | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | / | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|--|--|-----|-------|-------------|---------|------------------|
| EM&A: | Are working programmes sched | duled to minimize noise nuisance? | | 1 | | | pani'ny i |
| EM&A: CI | Are construction works or equipolation nuisance? | oment sited to minimize noise | | 1 | 758 | ha H | ar (Fest Ko |
| EM&л: С1 | Are all plant and equipment ma conditions? | intained in good operating | | / | | 21 20 | Re areally |
| EM&A: CI/GP | Is idle equipment turned off or | throttled down? | | -/ | | 20.0 | |
| EM&A: CI | Are methods of working devise nuisance? | d and arranged to minimize noise | | / | 1 285 0- | 5891A | oper second |
| EM&A: C1) | Are construction works carried nuisance? | out in a manner to minimize noise | | / | | | |
| EM&A: C2 | | | | 1 | 109/6 | 10 | Egyptisten |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muff | tion noise, is dredging equipment lers? | / | - | nı | 300 | slep = free ro |
| NCO | Are valid construction noise per inspection? | rmits, if required, available for | 7 | / | Shell | - (3) | described to |
| NCO | Are conditions of construction relevant part(s) of the works im | | | / | | - | |
| NCO | Are valid noise emission labels held percussive breakers? | fixed at air compressors and hand | | 1 | | | |
| | | Traffic | 1 | Const | ructio | n activ | ities inside the |
| | Major noise source(s) | Construction activities outside the site | | Other | 5 | | |

Page 6 of 1

| Abbreviation | | | |
|---|--|--------------|---|
| VEP: "VMP Cap311R: Cap311O Cap311: PN1/94: Unk: | Varied Environmental Permit Waste Alanagement Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (ConstUnknown | NCO: WDO: | EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage) |
| Remark | | | |
| N-1 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | a | |
| Signatures | | | |
| ET Member | Contractor's Represe | entative | |
| (Name in Block) | (Name in Block letter Would the Hall | | |
| any wo | NOUG HO HAN | 19) | |
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Page 7 of 7

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The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

| Inspection of | date 8/6/06 Time 10 · 20 Inspect | ed By | | | F. Ru | arg, PD |
|-----------------------|--|-------|------|-------|-------|---------|
| Site | LMX - Superstructure | | | | KIM | go wong |
| Veather | | | | | | , |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| € R | ain Sto |
| Temperatu | re C Humidity High Modera | te | Lov | V | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | 1 | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | |
| IR QUALI | TTY . | , | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | | 1 | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | / | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | | | | | |
| | | 6 | | | | |
| | Construction Sites | 6 | | | | |
| | | (| | | | |
| EM&A: | Construction Sites Are haul roads paved with concrete or sprayed with water to keep | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--|---|-----|-----|----|-----|---------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | / | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | / | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | / | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | / | | | | |
| | Loading, unloading or transfer of dusty materials | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | (| | | | |
| EM&A: | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | / | | | | |
| | Use of vehicles | 1/2 | | | | |
| Cap311R: Sch 21(2) EM&A: | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | (| | | - | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | / | | | |
| | Transfer of dusty materials using a belt conveyor system | | | - | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | 1 | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | / | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | (| | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | / | | | | |
| | Concrete batching plant | | | | | - |
| | | | | | | |
| The Superior of the Superior o | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | / | | | | |
| AZ EM&A: | | / | | | | |
| EM&A: A2 EM&A: A2 EM&A: | dusty materials carried out in a totally enclosed system? Are dusty materials, except cement and dry PFA, wetted by water | / | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | / | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|-----|-----|----|-----|---------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | / | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | / | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | / | | | | |
| | Construction Waste and Excavated Materials | | 200 | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | / | | 2 | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | | 1 | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | | / | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | / | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | |
| | General refuse | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | / | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | / | | | |
| WAIP | Is the refuse disposed of regularly and properly? | | / | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | / | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | 1 | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | / | | | | |
| EΜ&Λ: E4 | Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste**? | | | | | |
| EM&Λ: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | / | | | | |
| | Storage, collection and transportation of waste | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | 1 | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | / | | | | |
| | (2) reusable / recyclable materials; | / | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | _ | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | 1 | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | / | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul servers? | / | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | | | |
| | Wheel Washing Water | - | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | / | / | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | / | | | | 2 |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|---|--|-----|--------|---------|----------|------------------|
| EM&A: | Are working programmes sched | duled to minimize noise nuisance? | | / | | - | |
| EM&A: CI | Are construction works or equi nuisance? | pment sited to minimize noise | | / | | | |
| ЕМ&Л: С1 | Are all plant and equipment ma conditions? | intained in good operating | | | | | |
| EM&A: CI/GP | Is idle equipment turned off or | throttled down? | | / | | | |
| EM&A: Cl | Are methods of working devise nuisance? | d and arranged to minimize noise | | / | | | |
| EM&A: C1) | Are construction works carried nuisance? | out in a manner to minimize noise | | / | | | |
| EM&A: C2 | | | | 1 | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muff | tion noise, is dredging equipment flers? | / | | | | |
| NCO | Are valid construction noise per inspection? | rmits, if required, available for | | 1 | | | |
| NCO | Are conditions of construction is relevant part(s) of the works im | | | / | | | |
| NCO | Are valid noise emission labels held percussive breakers? | fixed at air compressors and hand | 8. | 1 | | | |
| | | ☐ Traffic | Ø | Consti | ruction | n activi | ities inside the |
| | Major noise source(s) | Construction activities | | Others | 5 | | |

| Abbreviation | | |
|--|---|---|
| VEP: VMP Cap311R: Cap311O Cap311: PN1794: Unk: | APC (Construction Dust) Regulation NCO: | EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage) |
| Remark | | |
| N=[| | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | 4 | |
| Signatures | | |
| ET Member | Contractor's Representative | |
| (Name in Block | (Name in Block letters: Makes Howard House | |
| I I th November | r 2002 Page ≠ of 7 | |
| 1 1000 1 30 11 30 | Page Col C | |

The Hongkong Electric Co. Ltd. Lamma Power Station Extension - Site Formation, Piling Works and Superstructure Works

| Inspection Site | thate 1560 Time [1-00] Inspect | ed By | ET: | racto | Try Con | Jong P |
|---|--|-------|------|-------|---------|---------|
| Veather | | | - | | | |
| Condition | Sunny Fine Overcast Hazy | Г | Driz | zle [| Ra | in S |
| | # 7 | | _ | | | |
| Temperati | | e | Lov | V | | |
| Wind | Calm Light Breeze Strong | | | | | |
| ENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | 1 | | | |
| | Is a copy of EIA report kept in Engineers' and Contractors' offices | - | - | | - | |
| | on site? | | / | | | |
| IR QUAL | on site? | N/A | Yes | No | Unk | Remarks |
| IR QUAL | On site? ITY Checklist Condition | N/A | Yes | No | Unk | Remarks |
| IR QUAL Ref. Cap311R: | on site? | N/A | Yes | No | Unk | Remarks |
| IR QUAL Ref. Cap311R: 3 | On site? Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any | N/A | Yes | No | Unk | Remarks |
| IR QUAL Ref. Cap311R: 3 Cap311R: Sch 12(3) | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this | N/A | Yes | No | Unk | Remarks |
| Cap311R: Cap311R: Sch 12(3) | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites | N/A | Yes | No | Unk | Remarks |
| IR QUAL Ref. Cap311R: 3 Cap311R: Sch 12(3) Cap311 | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | N/A | Yes | No | Unk | Remarks |
| Cap311R: Cap311R: Cap311R: Sch 12(3) Cap311 | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep | N/A | Yes | No | Unk | Remarks |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------|--|-----|-----|----|-----|--|
| | Cement and dry pulverized fuel ash (PFA) | 1 | | | | |
| Cap311R: | Are the storage silos for cement or dry PFA prevented from | | | | | |
| Sch 15(3) | overfilling? | / | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | | | |
| | Loading, unloading or transfer of dusty materials | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | 1 | | | | |
| EM&A: Al | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | 1 | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | / | | | |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | / | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | / | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | / | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | / | | | | |
| | Concrete batching plant | | | - | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | | | | | and the state of t |
| EN1&A: | Are dusty materials, except cement and dry PFA, wetted by water spray system? | 1 | | | | |
| EM&A: | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | / | | | | |
| 1,12 | | | 1 | | 1 | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Seh 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | / | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|-----|-----|----|-----|---------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | / | | | | |
| WNIP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | / | | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | / | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | | / | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | | 1 | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | / | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | |
| | General refuse | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | / | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | / | | | |
| WMP | Is the refuse disposed of regularly and properly? | | / | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | 1 | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
|-------------|--|-----|-----|----|-----|---------|--|
| WD() | Has the Contractor been registered as a chemical waste producer? | 1 | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | / | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste**? | 1 | | | | | |
| EM&Λ: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | 1 | | | | | |
| | Storage, collection and transportation of waste | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | / | | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | / | | | | | |
| | (2) reusable / recyclable materials; | / | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | / | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | / | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Surface Run-off | - | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | / | | | | 201 |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | / | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | 1 | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | / | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | / | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: GI | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | / | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | / | | | | |

| 11 | 11. | St. | |
|----|-----|-----|-------|
| | | | |
| _ | | | T |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|--|--|-----|--------|--------|----------|-----------------|
| EM&A: | Are working programmes scho | duled to minimize noise nuisance? | | / | | | |
| EM&A: CI | Are construction works or equi nuisance? | pment sited to minimize noise | | / | | | |
| EM&A: CI | Are all plant and equipment ma conditions? | intained in good operating | | / | | | |
| EM&A: CI/GP | Is idle equipment turned off or | throttled down? | | / | | | |
| EM&A: C1 | Are methods of working devise nuisance? | ed and arranged to minimize noise | | / | | | |
| EM&A: C1) | Are construction works carried nuisance? | out in a manner to minimize noise | | / | | | |
| EM&A C2 | | during Sunday's and public llowing measures adopted? se barriers at noise sources or wered mechanical equipment to less | | / | 20 | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muft | tion noise, is dredging equipment flers? | / | | | | |
| NCO | Are valid construction noise pe inspection? | rmits, if required, available for | | / | | | |
| NCO | | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | | | | | |
| NCO | Are valid noise emission labels held percussive breakers? | fixed at air compressors and hand | | / | | | |
| | Malanakasaurata | ☐ Traffic | 1 | Constr | uction | n activi | ties inside the |
| | Major noise source(s) | Construction activities | | Others | | | |

Chbreviation

11:11

Varied Environmental Permit

AME

Waste Management Plan

FM&A: EM&A Manual (Construction Phase)

Cap311R

APC (Construction Dust) Regulation APC (Open Burning) Regulation

Noise Control Ordinance NCO: 11:100: Waste Disposal Ordinance

(ap3110)

Air Pollution Control Ordinance

Cap311: PN1/94:

Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

Remark

Signatures

ET Member

Contractor's Representative

(Name in Block Jetters:

(Name in Block letters:

11th November 2002

The Hongkong Electric Co. Ltd. Lamma Power Station Extension - Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

| Inspection Site | LMX - Superstructure Inspect | ed By | | racto | T: Rug | ng, Pl |
|---------------------------------|---|-------|------|-------|--------|--|
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | | zle [| √R: | ain Si |
| Temperate Wind | Calm Light Breeze Strong | te | Lov | v | | |
| ENERAL | | | 110 | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | (| | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | | | | | | Remarks |
| Cap311R: | General Requirements | | 2000 | | | Remarks |
| | General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | | - | | | - Kemarks |
| | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any | | - | | | Nemarks |
| Sch 12(3) | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this | | 1 | | | Nemarks |
| Sch 12(3) | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever | | / | | | Activates and the second secon |
| Seh 12(3) Cap311 CM&A: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | | | | | |
| Cap311R: Sch 12(3) Cap311 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|-----|-----|----|------|---------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | / | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | / | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | / | | | | |
| - 15 | Loading, unloading or transfer of dusty materials | | | | MAX | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | 1 | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | / | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | / | | | |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | / | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | 1 | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | / | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | / | | | | |
| | Concrete batching plant | 100 | | | - 10 | |
| EM&A: | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | / | | | | |
| EN1&A: | Are dusty materials, except cement and dry PFA, wetted by water spray system? | 1 | | | | 90 |
| | Are all the receiving hoppers enclosed on three (3)sides up to 3m | | | | - | |
| EM&A: A2 | above unloading point? | / | | | ì | |

| Rel | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sdi 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | 7 | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|-----|-----|----|-----|---------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | |
| WNIP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | / | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 1 | 1 | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | | / | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | / | | | | |
| EM&A: EJ | Are wastes disposed of at licensed sites? | 1 | | | | |
| | General refuse | | | | | |
| WAIP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | / | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | / | | | |
| WAIP | Is the refuse disposed of regularly and properly? | | / | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | 7 | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | 1 | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|-------------|--|-----|-----|----|-----|---------|--|--|
| WD() | Has the Contractor been registered as a chemical waste producer? | / | | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | / | | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste'? | | | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | | | | | | |
| | Storage, collection and transportation of waste | | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | / | | | | | | |
| ЕМ&Л: ЕЗ | Are waste materials segregated and sorted into 3 categories as follows? | | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | / | | | | 9 | | |
| | (2) reusable / recyclable materials; | / | | | | ř. | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | / | | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | / | | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|--|-----|-----|-----|---------|---------|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | / | | Ret | | No. |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | 18 | | | |
| PN 1794 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | / | | | | |
| PN1/94 | Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | / | | | | |
| PN 1794 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | / | | 96 | San kaj | |
| | Groundwater | | | | | |
| PN 1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | 0.9 |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| 15.5/1/8·1 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | | | |
| 10 | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | / | / | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | 1 | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | NIA | Yes | No | Unk | Remarks |
|----------------|--|---|----------|-------|--------|---------|------------------|
| EM&A: | Are working programmes sched | duled to minimize noise nuisance? | | / | - | 1 | |
| EM&A: CI | Are construction works or equi nuisance? | pment sited to minimize noise | | / | | 110 | - |
| EM&л: С1 | Are all plant and equipment ma conditions? | intained in good operating | | 1 | | 3 | |
| EM&A: CI/GP | Is idle equipment turned off or | throttled down? | | 1 | | | |
| EM&A: CI | Are methods of working devise nuisance? | d and arranged to minimize noise | | 1 | | | |
| EM&A: C1) | Are construction works carried nuisance? | out in a manner to minimize noise | | 1 | | | . 1 |
| EM&A: C2 | | | | 1 | | - 18 | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muft | tion noise, is dredging equipment flers? | 1 | | | | |
| NCO | Are valid construction noise pe inspection? | rmits, if required, available for | | / | | 17 | |
| NCO | Are conditions of construction relevant part(s) of the works im | | | 1 | | | |
| NCO | Are valid noise emission labels held percussive breakers? | fixed at air compressors and hand | | 1 | | - | |
| | Major noise source(s) | Traffic | a | Const | ructio | n activ | ities inside the |
| | iviajor noise source(s) | Construction activities outside the site | | Other | s | | |

| VAIP War Cap311R APC Cap311O APC Cap311: Air PN1/94: Prac | ed Environmental Permit ste Alamagement Plan C (Construction Dust) Regulation C (Open Burning) Regulation Pollution Control Ordinance ctice Note for Professional Persons (Co | NCO: WDO: | | trol Ordin | ance | Phaset | |
|---|---|--------------------|----------------|--------------------------------|------------------------------------|------------------------------|------|
| 090000 | | | | .+7 | - 2 | -2 | |
| Remark | | | 113 | | 77 | | |
| /4// | | | 3 | 2 2 | 2 000 | | |
| | | | | | 1-11 | | |
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| | | | | | | | - |
| | | | 1 | | - | - | |
| | | | 4 6 | | - 3- | | |
| | | | | | | | |
| Signatures ET Member | Contractor's Repre | s e ntative | IE0 | C's Repre | esentativ | e was carri | ed |
| | Contractor's Repre | sentative | IE Th in | C's Represis site insthe prese | esentativ spection nce of II | e was carri EC's repre | ed |
| Name in Mock letters: | Mont (Name in Block let | ters: | Th in | is site insthe prese | spection ince of II | was carri EC's repre | ed (|
| ET Member |) hoof | ters: | Th in | is site insthe prese | spection ince of II | was carri EC's repre | ed (|
| Name in Mock letters: | Mont (Name in Block let | ters: | Th in | is site insthe prese | spection ince of II | was carri EC's repre | ed |
| Name in Mock letters: | Mont (Name in Block let | ters: | Th in | is site insthe prese | spection ince of II | was carri EC's repre | ed |

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The Hongkong Electric Co. Ltd. Lamma Power Station Extension - Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

| Site | LMX-Superstructure | | | Tacto | | go No |
|-----------------------------------|--|------|------|-------|------|---------|
| Veather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| V R | ain S |
| l'emperat | ure C Humidity High Modera | te [| Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | |
| ENERAL | | | | | 7 | er i |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | 10 m | 1 | 9 | 13 | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | 1 | 1 | 07.0 | | |
| | | | 34. | 0 | 1 15 | |
| | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| IR QUAL | | N/A | Yes | No | Unk | Remarks |
| | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| Cap311R: | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any | N/A | Yes | No | Unk | Remarks |
| Cap311R: Cap311R: Cap311R: | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this | N/A | Yes | No | Unk | Remarks |
| Cap311R: | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites | N/A | Yes | No | Unk | Remarks |
| Cap311R: Cap311R: Cap311R: Cap311 | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | N/A | Yes | No | Unk | Remarks |
| Ref. | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep | N/A | Yes | No | Unk | Remarks |

| Rel. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------|--|-----|---------|----|-----|----------------------|
| | Consent and dry pulverized fuel ash (PFA) | | | | | 3 78 |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | / | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | / | | 1 | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | / | | | | |
| | Loading, unloading or transfer of dusty materials | | | | | 18.0 |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | 1 | | | | |
| EM&Λ: Λ1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | / | | | | |
| | Use of vehicles | | | | | 10.00 |
| Cap311R: Sch 21(2) EM&A: | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | 1 | | | |
| | Transfer of dusty materials using a belt conveyor system | | 7 2 | | | 105,00 |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | 1 | 1 2 7 8 | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | / | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | 1 | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 in? | / | | | 00 | |
| | Concrete batching plant | | | | | |
| EM&A: | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | / | | | 8 | |
| ENI&A: | Are dusty materials, except cement and dry PFA, wetted by water spray system? | / | | | | |
| ENI&A: | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | 1 | | | | |
| | the state of the s | | - | - | - | in service and areas |

| Res | Checklist Condition | NIA | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | , | | | | 34 |
| Capatin: Sci 16 | Are completed earthworks scaled and hydroseeded and planted as soon as possible? | 1 | | | | |
| Gp3110 | Is open burning prohibited? | 1 | 1 | | | 1 7 3 |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
|------------------|---|------|-----|-------|-----|---------|--|--|--|
| | Dredged Materials | | | | | 112 | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | - | | | | | | | |
| WNIP EM&A: E3 | . Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | 9 | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | / | 148 | | | | | | |
| VMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | - 1 | 1 | | | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | 1 5 | / | | | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | | | | |
| ENIRA: EJ | Are wastes disposed of at licensed sites? | / | | - | I | | | | |
| | General refuse | | | | | | | | |
| WAIP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | = 12 | 1 | au de | | | | | |
| WAIP | Is general refuse stored within receptacles and separated from chemical wastes? | | 1 | | | | | | |
| IVMP | Is the refuse disposed of regularly and properly? | | 1 | | | | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | / | | | | | | |
| | Chemical Waste | | | | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | 1 | | 25.0 | | | | | |

| Ref | Checklist Condition | N/A | 1'es | No | Unk | Remarks | | | |
|-------------|--|-----|------|----|-----|---------|--|--|--|
| 17.1)() | Has the Contractor been registered as a chemical waste producer? | / | - | | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | / | | | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste'? | / | | | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | / | | | | | | | |
| | Storage, collection and transportation of waste | | | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | / | | | 3 | | | | |
| EM&л: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | / | | | | | | | |
| | (2) reusable / recyclable materials; | / | | | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | / | | | | | | | |
| EM&A: | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | / | | | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|--|------|-------|---------|---------------|---------|
| | Surface Run-off | - 12 | 5.183 | 3 | 5 , | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | / | al. | H | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | | 大 大 一 中 | 75 95 91 31 S | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | / | | | | |
| PN1/94 | Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | / | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul servers? | / | | 0.80 | 0.888.0 | |
| | Groundwater | | | 1 | | |
| PN 1794 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | 10.19 | to l | i (vi | |

| Ref | Checklist Condition | NIA | Yes | No | Unk | Remarks |
|---------|--|-----|-----|-------|--------|--|
| | Boring and Drilling Water | | | | 0 - 40 | Fig. |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | | | gel og tje i mille partie to i lege o o i to |
| | Wheel Washing Water | 9.0 | | C 431 | | 3. The Title |
| PN 1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | / | e lev | - In | No so dell'inno |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|-----|-----|------|------------|-----------------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | / | | | UE LI | Charlings of |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, | | | (2 | 1815 | W dagget ade |
| | and Installation of Silt Curtain"? | 1 | | 6n | a1) | arpinic uslants |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | | | (2/) | er i i ivi | 01 - 4 A |

| NOISE | | | | | , in the | |
|----------------|---|------------------|--------|-------------|----------|---|
| Ref | Checklist Condition | N/A | Yes | No | Ünk | Remarks |
| EM&A: | Are working programmes scheduled to minimize noise nuisance? | e n | 1 | sais! | | sterii na sengii |
| EM&A: CI | Are construction works or equipment sited to minimize noise nuisance? | lan y | 1 | PI-VS. | n-110 | r g sen at |
| EM&A: CI | Are all plant and equipment maintained in good operating conditions? | | / | | | oglik brigitak |
| EM&A: CI/GP | Is idle equipment turned off or throttled down? | | 7 | 23. | , was | Mark Cards N |
| EM&A: CI | Are methods of working devised and arranged to minimize noise nuisance? | | 1 | | 102354 | Maddae |
| EM&A: C1) | Are construction works carried out in a manner to minimize noise nuisance? | | / | | | Takk bram s |
| EM&A: C2 | To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted? a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods? | | / | | | Z stanije vene dada i nepos sessas provinci |
| EM&A: C3 | To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers? | / | | ELX 15 X | 4.78 | E SUP REF |
| NCO | Are valid construction noise permits, if required, available for inspection? | | / | | | nden), viljatodi 1945 |
| ИСО | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | | / | V.O | isalie | in his series |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | | / | BE J 15 | 33 | s avime regres. Lively present l |
| | ☐ Traffic | \(\overline{a}\) | Constr | uction | activi | ties inside the |

Construction activities

outside the site

site

Others

Major noise source(s)

| Abbreviation VEP: WAIP | Varied Environmental Permit Waste Management Plan | EM&A: EM&A Manual (Construction Phase) |
|--|--|---|
| Cap311R; Cap311O, Cap311; PN1/94; Unk; | APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Con Unknown | NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance |
| Remark | | |
| V-1 | | |
| | | |
| | ** | |
| | | |
| | | |
| | | |
| | | |
| Signatures | | |
| ET Member | Contractor's Repres | entative |
| (Name in Block | (Name in Block letter | |
| arry W | DYRY WONED HO HAN | 191 |
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| II" Novembo | er 2002 | |
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| 1 | Page. | Let 1 |

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date Faluge 200 Time 4:20 hrs Inspec | ted By | ET: | 7. | 7. C1 | IIU /PDZ TER CHENG | |
|---------------------------------|---|--------|----------|-------|--------|-----------------------|---------|
| Site | LMX- LI Electrical Erection Area | | Con | uracu | or: PE | TER CHENG |] [SAN |
| Weather | | | | | | | - |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle | R | ain Stor | m |
| Temperat | ure I °C Humidity High Modera | ate _ | | w | | | |
| Wind | Calm Light . Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | V | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | | - | | | |
| AIR QUAL | Checklist Condition | N/A | Yes | No | Unk | | |
| | | - ** | ~ ~~ | | | Remarks | |
| Cap311R: | General Requirements | | | 140 | UIIK | Remarks | |
| J | General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | ✓ | | 140 | Olik | Remarks | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any | ✓ | <u> </u> | INO | UIIK | Remarks | |
| Cap311R: Sch 12(3) | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this | V | <u> </u> | INO | Ulik | Remarks | |
| Cap311R: Sch 12(3) | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever | V | <i>J</i> | INO | UIK | Remarks | |
| Cap311R: Sch 12(3) Cap311 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | V | <i>J</i> | INO | | | r. IV |
| | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep | V | <i>J</i> | INO | | Joter Spraying | rauly. |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|----------|----------|----|-----|---|
| | Cement and dry pulverized fuel ash (PFA) | | .1 | | J | <u> </u> |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | V | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | / | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | V | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | | | |
| | Loading, unloading or transfer of dusty materials | | | lI | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | V | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | V | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | - | V | | 9 | Wheel Wash Services Pro. By Paul Y. |
| | Transfer of dusty materials using a belt conveyor system | l | | - | | By Faul T. |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | V | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | V | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | V | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | | | | | |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | V | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | V | | 1 | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | / | | | | |
| EM&A: A2 | Are all the conveyor transfer points totally enclosed? | V | | + | | |
| | | - 1 | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
|--------------------|--|-----|-----|----|-----|---------|--|
| Miscellaneous | | | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | 1 | | | , | | |
| Cap3110 | Is open burning prohibited? | | 1 | | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|---|-----|----|-----|---------|
| | Dredged Materials . | <u>, </u> | | 1 | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | V | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | v | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | ✓ | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 1 | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | √ | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | |
| | General refuse | | | | • | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | ✓ | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | 1 | | | |
| WMP | Is the refuse disposed of regularly and properly? | | v | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
|--|--|----------|-----|----|-----|---------|--|--|--|
| WDO | Has the Contractor been registered as a chemical waste producer? | V | | | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | V | | | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | √ | | | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | 1 | | | | | | | |
| ······································ | Storage, collection and transportation of waste | | | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | V | | | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | / | | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | | | | | | | | |
| | (2) reusable / recyclable materials; | | | | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | | | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | V | | | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|--------------|---------|
| | Surface Run-off | | | | ' | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | v | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | 1 | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | J | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | V | | | | |
| PN1/94 | Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | 1 | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|----------|-----|----|-----|---------|
| | Boring and Drilling Water | — | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | V | ; | | | |
| | Wheel Washing Water | 1 | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|----------|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | 1 | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | y | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | / | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|--|--|----------|----------------|--------|--------|-----------------|
| EM&A: C1 | Are working programmes sched | uled to minimize noise nuisance? | | V | | | |
| EM&A: C1 | Are construction works or equip nuisance? | ment sited to minimize noise | | V | | | |
| EM&A: Ci | Are all plant and equipment mai conditions? | ntained in good operating | | 1 | | | |
| EM&A: C1/GP | Is idle equipment turned off or the | nrottled down? | | ~ | | | |
| EM&A: C1 | Are methods of working devised nuisance? | l and arranged to minimize noise | | \checkmark | | | |
| EM&A: C1) | Are construction works carried on nuisance? | out in a manner to minimize noise | | 1 | | | |
| EM&A: C2 | To mitigate construction noise di holidays, is either one of the folla) Mitigation by portable noise b) Rescheduling of some power sensitive time periods? | owing measures adopted? | 1 | | | | |
| EM&A: C3 | To mitigate night time constructi equipped with silencers or muffle | on noise, is dredging equipment ers? | V | | | | |
| NCO | Are valid construction noise perrinspection? | nits, if required, available for | 1 | | | | |
| NCO | Are conditions of construction no relevant part(s) of the works imp | | / | | | | |
| NCO | Are valid noise emission labels f held percussive breakers? | ixed at air compressors and hand | V | , | | | |
| | | ☐ Traffic | | Constr site | uction | activi | ties inside the |
| - 11 | Major noise source(s) | Construction activities outside the site | | Others | | | |

Abbreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Cap311R: Cap3110: NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance Cap311: PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member Contractor's Representative

PETER CHENCE

12th January 2005

(Name in Block letters: T. F. CHIN

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date KaJune 2006 Time Of: 15 hrs. Inspec | ted By | | 7. | F. CKI | 4 /PDZ |] |
|-----------------------|--|--------|------|-------|-----------------------------|----------------|------------|
| Site | LMX - 19 ZHETRUAL GREATION ARCA. | | Con | racto | or: <i>f E</i> 7 | ER CHEVG | Banko. |
| Weather | | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zie | R | ain Stor | rm |
| Temperatu | re ro Humidity High Modera | te | Lov | ٧ | | | |
| Wind | Calm Light . Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | V | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | | |
| AIR QUALI Ref. | TY Checklist Condition | N/A | Yes | No | Unk | Remarks |] |
| | General Requirements | | 165 | 1.0 | | | 1 |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | / | | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | / | | | | | - |
| | Construction Sites | • | | | | | |
| EM&A: A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | | V | | | Woter Spraying |) [8.17 |
| | Stockpiling of dusty materials | | | | | ' | 124111 |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | 1 | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|-----|-----|----|-----|----------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | V | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | V | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | / | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | V | | | | |
| | Loading, unloading or transfer of dusty materials | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | N | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | / | | : | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | ζ | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | | | | the Wahi |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | 1. | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | v | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | 1 | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | V | | | | |
| | Concrete batching plant | , | , | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | v | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | V | | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | 1 | | | | |
| EM&A: A2 | Are all the conveyor transfer points totally enclosed? | 1 | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | V. | | | | |
| Cap311O | Is open burning prohibited? | | 1 | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | 1 | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | | |
|-----------------|---|-----|-----|----------|----------|-------------|--|--|--|--|
| | Dredged Materials . | | | | | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 5 | | | | | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | ~ | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | V | | | | | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | V | | | | | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | V | | | | | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | N | | | | | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | J | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | | | | | |
| | General refuse | | | | | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | ٢ | | | | | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | V | | | | | | | |
| WMP | Is the refuse disposed of regularly and properly? | | V | | | | | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | 1 | <u> </u> | <u> </u> | 1 | | | | |
| | Chemical Waste | | | -γ | | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | V | | | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | V | | | | - |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | V : | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | 5 | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | J | | | | |
| | Storage, collection and transportation of waste | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | 1 | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | / | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | | | | | |
| | (2) reusable / recyclable materials; | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | / | | i | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------------------------------------|--|-----|-----|----|-----|---------|
| · · · · · · · · · · · · · · · · · · · | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | V | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | 1 | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | v | | | | |
| PN1/94 | Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | V | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | / | | | | |
| PN1/94 | Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | J | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | J | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | 1 | | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | 1 | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | V | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | / | | | | |





NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|--|--|-------|---------------|--------|---------|-------------------|
| EM&A: C1 | Are working programmes schedu | | | J | | | |
| EM&A: CI | Are construction works or equipm nuisance? | nent sited to minimize noise | | v | | | |
| EM&A: Ci | Are all plant and equipment main conditions? | tained in good operating | | V | | | |
| EM&A: C1/GP | Is idle equipment turned off or the | rottled down? | | V | | | |
| EM&A: C1 | Are methods of working devised a nuisance? | and arranged to minimize noise . | | 1 | | | |
| EM&A: C1) | Are construction works carried or nuisance? | | | J | | | |
| EM&A: C2 | To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods? | wing measures adopted? barriers at noise sources or | V | | | | |
| EM&A: C3 | To mitigate night time construction equipped with silencers or muffle | on noise, is dredging equipment rs? | V | | | | |
| NCO | Are valid construction noise perminspection? | its, if required, available for | 1 | | | | |
| NCO | Are conditions of construction no relevant part(s) of the works impl | ise permits, if any, for the emented accordingly? | ~ | | | | |
| NCO | Are valid noise emission labels fi held percussive breakers? | xed at air compressors and hand | \\ \/ | | | | |
| | | ☐ Traffic | Ø | Const site | ructio | n activ | rities inside the |
| | Major noise source(s) | Construction activities | | Other | s | | |





Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R: Cap311O:

APC (Construction Dust) Regulation APC (Open Burning) Regulation

Cap311: PN1/94:

Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Site Drainage)

Unk:

| Remark | |
|------------|--|
| | |
| | |
| | |
| | |
| • | |
| | |
| | |
| | |
| | |
| | |
| Signatures | |

EM&A: EM&A Manual (Construction Phase)

Noise Control Ordinance

Waste Disposal Ordinance

NCO:

WDO:

ET Member

Contractor's Representative

(Name in Block letters:

T.F. CHIU

12th January 2005

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | n date June Dock Time 10:38 hrs. Inspec | cted By | <u> </u> | | T. Ch | | |
|-----------------------|--|----------|----------|--------|---------------|--------------------------------|---------------|
| Site . | LMX-19 Electrical Frection Area | | Cor | itract | or: <i>PE</i> | TERCIENG/S | <u>'A</u> nki |
| Weather | | | | | | ••• | - |
| Condition | Sunny Fine Overcast Hazy | | Dri | zzle | F | Rain Stor | m |
| Temperat | ure 30 °C Humidity √ High Moder | ate | Lo | w | | | |
| Wind | Calm Light Breeze Strong | I | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |] |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | \ \ | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | | | | | |
| AIR QUAL Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| | General Requirements | 1,172 | | 110 | | Remarks | 4 |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | 1 | _ | | <u></u> | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | / | | | : | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | | | | | | |
| | Construction Sites | | | | | | |
| EM&A: A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | | | | | Water Sprayings Provided By | P.J |
| | Stockpiling of dusty materials | | | | | 1 roviden by | iau" |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | / | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|----------|-----|----|----------|--|
| | Cement and dry pulverized fuel ash (PFA) | | _L | J | l | <u> </u> |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | V | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | 33 |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | · | | <u> </u> | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | ~ | | | | |
| | Loading, unloading or transfer of dusty materials | | | ·1 | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | 1 | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | 1 | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | V | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | / | 4 | \$ | Whal Wadin Vervices from Bd fall Y |
| | Transfer of dusty materials using a belt conveyor system | <u> </u> | l. | | I | By tant. |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | / | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | 1 | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | V | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | 1 | | | | · |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | / | | | | |
| EM&A: \2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | / | | | | |
| EM&A: | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | | | | | 1.44 |
| 12 | above unioading point. | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-------------|-----|----|-----|---------|
| | Miscellaneous | | 1 | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | V , | | | | |
| Cap3110 | Is open burning prohibited? | | V | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | 1 | | | 22. |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|-----|-----|----------|-----|---|
| | Dredged Materials | | | 1 | L - | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | J | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | J | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | - | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | J | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | | | • | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 1 | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | J | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 7 | | | | · ; |
| | General refuse | | | | | *************************************** |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | v | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | V | | | <u>.</u> |
| WMP | Is the refuse disposed of regularly and properly? | | 7 | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | 1 | \dashv | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-------------|-----|----------|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | V | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | V : | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | V | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | √ | - | | | , |
| | Storage, collection and transportation of waste | <u>.1</u> . | | <u> </u> | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | J | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | V | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | | | | | |
| | (2) reusable / recyclable materials; | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | | İ | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | V | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|--|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | 1 | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | 1 | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | > | | | | - Control of the Cont |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | V | | | | |
| PN1/94 | Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | 1 | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---|
| | Boring and Drilling Water | 1 | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | V | | | | |
| | Wheel Washing Water | | | | 1 | * |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | / | | | | |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|------------|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | J | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | ✓ | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|---|---|-----|----------------|--------|--------|-----------------|
| EM&A: C1 | Are working programmes sched | uled to minimize noise nuisance? | | V | | | |
| EM&A: C1 | Are construction works or equip nuisance? | oment sited to minimize noise | | 1 | | | |
| EM&A: C1 | Are all plant and equipment mai conditions? | ntained in good operating | | v | | | ** . \$ |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | 7 | | | |
| EM&A: C1 | Are methods of working devised nuisance? | i and arranged to minimize noise | | J | | | |
| EM&A: CI) | Are construction works carried on nuisance? | out in a manner to minimize noise | | J | | | |
| EM&A: C2 | To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some power sensitive time periods? | uring Sunday's and public owing measures adopted? e barriers at noise sources or ered mechanical equipment to less | ~ | | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | | 1 | | | | |
| NCO | Are valid construction noise per inspection? | nits, if required, available for | 1 | | | 4 | |
| NCO | Are conditions of construction no relevant part(s) of the works imp | | J | | | | |
| NCO | Are valid noise emission labels find held percussive breakers? | ixed at air compressors and hand | | | | | |
| | | Traffic | ! | Constr site | uction | activi | ties inside the |
| | Major noise source(s) | Construction activities outside the site | | Others | | | |

| Cap3110: APC Cap311: Air F PN1/94: Pract | te Management Plan (Construction Dust) Regulation (Open Burning) Regulation Pollution Control Ordinance tice Note for Professional Persons (Col | NCO: WDO: | EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage) |
|--|---|--------------|---|
| Unk: Unkr | nown | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Signatures | | | |
| ET Member | Contractor's Repres | entative | IEC's Representative This site inspection was carried in the presence of IEC's representation. |

(Name in Block letters:

T.F. CHILL /PDE)

(Name in Block letters:

Name in Block Letters:

Gan Ton Mo

)

12th January 2005

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| 21107001101 | date Dune Sool Time 09:15 hrs Inspec | cted By | <u> </u> | | T.C. | |
|--------------------------------------|---|---------|------------|----------|--------------|------------------------------------|
| Site . | LMX-19 ELEGRICAL ERECTION (APER | | Con | tract | ог: <i>ф</i> | TER CHENG X |
| Weather | | ····· | · <u>·</u> | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zie | √R | ain Storm |
| Temperat | ure 30°C Humidity √ High Modera | ate _ | | × | | |
| Wind | Calm Light . Breeze Strong | | | | | |
| GENERAI | | | | <u>-</u> | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | V | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | 1 | | | |
| AIR QUAL Ref. | | | | | | |
| | Checklist Condition | N/A | Vac | No | Unk | Damada |
| | Checklist Condition General Requirements | N/A | Yes | No | Unk | Remarks |
| Cap311R: 3 | Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | N/A | Yes | No | Unk | Remarks |
| Cap311R: | General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any | N/A | Yes | No | Unk | Remarks |
| 3 Cap311R: Sch 12(3) | General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this | N/A | Yes | No | Unk | Remarks |
| 3 Cap311R: Sch 12(3) | General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever | N/A | Yes | No | Unk | Remarks |
| 3 Cap311R: Sch 12(3) Cap311 | General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | N/A | Yes | No | | |
| 3 | General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep | N/A | | No | | Noter Spraying Provided By Fall |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|----------|----------|----------|-----|---------------------------------------|
| | Cement and dry pulverized fuel ash (PFA) | | 1 | <u> </u> | | 1 |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | V. | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | ·. |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | | - | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | | | |
| | Loading, unloading or transfer of dusty materials | _1 | | <u> </u> | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | V | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | / | | | Uheel Wad Services Pro Ry Pavil |
| | Transfer of dusty materials using a belt conveyor system | <u> </u> | | | L | rey lavi |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | V | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | V | | - | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | / | | | | ·, |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | 1 | | | | |
| | 11 3 3 | | , | 1 | | |
| | Concrete batching plant | <u></u> | <u> </u> | | | |
| | | | | | | |
| Sch 20(4) EM&A: | Concrete batching plant Are the loading, unloading, handling, transfer or storage of any | <i>V</i> | | | | |
| EM&A: A2 | Concrete batching plant Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? Are dusty materials, except cement and dry PFA, wetted by water | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|---------|----|-----|---------|
| | Miscellaneous | • | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | V | | | | |
| Cap311O | Is open burning prohibited? | | u/ | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | 27: |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|-----|-----|----|-----|---|
| | Dredged Materials | | 1 | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | V | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | J | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | | | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | v . | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | | | 4 | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | J | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | v | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | / | | | | · . |
| | General refuse | | | | | : |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | V | | | *************************************** |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | V | | | |
| WMP | Is the refuse disposed of regularly and properly? | | 1 | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | V | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|----------|-----|----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | W | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | U: | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | V | | | | (A) |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | V | | | | , |
| | Storage, collection and transportation of waste | | | | | . # |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | V | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | 1 | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | | | | | |
| | (2) reusable / recyclable materials; | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | / | | | | , |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|-----------|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | V | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 5 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | V | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | / | | | | |
| PN1/94 | Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | 1 | | | | 3,400,000 |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | V | : | | | |
| | Wheel Washing Water | | | | | • |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | 1 | | | | 22 |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|----------|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | V | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | V | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | V | | | | |

NOISE

Q2,

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|---|---|-----|----------------|--------|--------|------------------|
| EM&A: C1 | Are working programmes sched | luled to minimize noise nuisance? | | V | | | |
| EM&A: C1 | Are construction works or equip nuisance? | oment sited to minimize noise | | V. | | | , |
| EM&A: CI | Are all plant and equipment macconditions? | intained in good operating | | v | | | * . # |
| EM&A: C1/GP | Is idle equipment turned off or t | idle equipment turned off or throttled down? | | | | | |
| EM&A: C1 | Are methods of working devised nuisance? | e methods of working devised and arranged to minimize noise isance? | | | | | |
| EM&A: C1) | Are construction works carried on uisance? | | 1 | | | | |
| EM&A: C2 | To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted? a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods? | | V | | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muff | ion noise, is dredging equipment lers? | V | | | | |
| NCO | Are valid construction noise per inspection? | mits, if required, available for | 1 | | | ., | |
| NCO | Are conditions of construction nelevant part(s) of the works imp | | 1 | | | | |
| NCO | Are valid noise emission labels held percussive breakers? | fixed at air compressors and hand | J | / | | | |
| | Major noise source(s) | ☐ Traffic | | Constr site | uction | activi | ities inside the |
| | | Construction activities outside the site | | Others | ; | | |

Abbreviation

| ., | С | Э. |
|----|---|----|
| Y | | |

Varied Environmental Permit

WMP:

Waste Management Plan

APC (Construction Dust) Regulation

NCO:

EM&A: EM&A Manual (Construction Phase) Noise Control Ordinance

Cap311R: Cap311O: Cap311:

APC (Open Burning) Regulation

WDO:

Waste Disposal Ordinance

PN1/94:

Air Pollution Control Ordinance

Unk:

Practice Note for Professional Persons (Construction Site Drainage)

Unknown

| Remark | | | | | |
|--------|---|---|---------------------------------------|---|---|
| | | • | | · | ; |
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| | | | | | |

Signatures

ET Member

Contractor's Representative

T. F. CHILL

PDE

12th January 2005

C/N:04/9018

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| | vi outily sale and pooling | | | | | |
|-----------------------|--|----------|-------|-------|-------------|-----------|
| Inspection | date 2 Jun 06 Time 09:38 Inspected | - L | ET: V | v.S | | Kwok (TDK |
| Site | LMX - Gos Recoving Station | . L | | | | |
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| √ Ra | ain Stor |
| Temperati | re 26 °C Humidity ✓ High Modera | te _ | Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | ✓ | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | V | | | |
| | | | | | | |
| AIR QUALI | TY | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | | | |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | V | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | ✓ | | - | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | ✓ | | | | |
| - | Construction Sites | | L | | | |
| EM&A: | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | | | | | |

Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?

Stockpiling of dusty materials

Cap311R: Sch 18

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|---------------------------------------|-----|----|-----|---------------------------------|
| | Cement and dry pulverized fuel ash (PFA) | | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | V | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | ~ | | | | |
| | Loading, unloading or transfer of dusty materials | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | V | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | ~ | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | - | | | 4.1 |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | ✓ | | | Cleaning promoted By P.Y. |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | V | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | ~ | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | ~ | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | V | | | | |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | _ | | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | ~ | | | | |
| 1 | | 1 | | 1 | i | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | 1 | | | | |
| Cap3110 | Is open burning prohibited? | | 1 | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | |

WASTE/CHEMICAL WASTE MANAGEMENT

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | | |
|-----------------|---|-----|----------|----|-----|---------|--|--|--|--|
| | Dredged Materials | | <u> </u> | | | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | | | | | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 1 | | | | | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | 1 | | | | | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | / | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | / | | | | | | | | |
| | General refuse | | | | | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | / | | | | | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | 1 | | | | | | | |
| WMP | Is the refuse disposed of regularly and properly? | | 1 | | | | | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | / | | | | | | | |
| | Chemical Waste | | • | | | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | 1 | | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
|-------------|--|-----|-----|----|-----|---------|--|--|--|
| WDO | Has the Contractor been registered as a chemical waste producer? | | 1 | | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | 1 | | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | 1 | | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | / | | | | | | |
| | Storage, collection and transportation of waste | | | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | 1 | | | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | / | | | | | | | |
| | (2) reusable / recyclable materials; | / | | | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | / | | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | 1 | | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Surface Run-off | | 4 | , | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | 1 | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | / | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | | | | | - |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | 1 | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | 1 | | | | |
| | Wheel Washing Water | | | | | 77.1. |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | | | | - |

MARINE ECOLOGY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | 1 | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|----------------|--|--|-----|-----|----|---------|----------------|
| EM&A: C1 | Are working programmes sched | luled to minimize noise nuisance? | | / | | | |
| EM&A: C1 | Are construction works or equip nuisance? | oment sited to minimize noise | | 1 | | | |
| EM&A: C1 | Are all plant and equipment macconditions? | intained in good operating | | / | | | |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | / | | | |
| EM&A: C1 | Are methods of working devised nuisance? | | | | | | |
| EM&A: C1) | Are construction works carried on nuisance? | | 1 | | | | |
| EM&A: C2 | To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some powsensitive time periods? | | / | | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | | / | | | | |
| NCO | Are valid construction noise per inspection? | mits, if required, available for | 1 | | | | |
| NCO | | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | | | | | |
| NCO | Are valid noise emission labels f held percussive breakers? | ixed at air compressors and hand | | / | | | |
| | Major noise source(s) Traffic Construction site Construction activities outside the site | | | | | activit | ies inside the |

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Cap311R: Cap3110: Cap311: PN1/94: Unk:

Varied Environmental Permit

Waste Management Plan

APC (Construction Dust) Regulation

APC (Open Burning) Regulation

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unknown

| Remark | | | | | |
|--------|---|---|---|--|--|
| | | | | | |
| | _ | | | | |
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| | | - | | | |
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| - | | | | | |
| | | | | | |

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
WDO: Waste Disposal Ordinance

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

W.7. Kusk

C/N:04/90 ! 8 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date 9 Jan) asb Time 0 9:30 Inspected | Ву | ET: | h | 1.5. | Tuen |
|------------|---|-------|----------|-------|-------|------------|
| | | , _ (| Contra | ctor: | W. F. | Kwok (TDK) |
| Site | LMX - Gas Recotting Station | | | | | |
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zie [| R | ain Storm |
| Temperati | re C Humidity High Moderate | te | Lov | V | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | ~ | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | ~ | | | |
| | | | | | | |
| AIR QUAL | TTY | | | | | |
| | | I | | | 1 | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
|-----------------------|--|----------|----------|----|-----|---------|--|
| | General Requirements | | | | | | |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | ✓ | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | ✓ | | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | ~ | | | | | |
| | Construction Sites | | | | | | |
| EM&A: A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | ~ | | | | | |
| | Stockpiling of dusty materials | | | | | | |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | ~ | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--|--|--|---|----|-----|---------------------------------|
| | Cement and dry pulverized fuel ash (PFA) | | *************************************** | • | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | V | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | ✓ | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | V | | | | |
| | Loading, unloading or transfer of dusty materials | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | V | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | ~ | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | • | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | √ | | | Cleaning Provided Bu P.Y. |
| | Transfer of dusty materials using a belt conveyor system | | | | | J |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | ✓ | | | | |
| | | | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | ~ | | | | |
| | | ✓ ✓ | | | | |
| Sch 20(2) Cap311R: | enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return | \rightarrow \right | | | | |
| Sch 20(2) Cap311R: Sch 20(3) Cap311R: | enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting | ✓ | | | | |
| Sch 20(2) Cap311R: Sch 20(3) Cap311R: | enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | ✓ | | | | |
| Sch 20(2) Cap311R: Sch 20(3) Cap311R: Sch 20(4) EM&A: | enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? Concrete batching plant Are the loading, unloading, handling, transfer or storage of any | ✓ ✓ | | | | |
| Sch 20(2) Cap311R: Sch 20(3) Cap311R: Sch 20(4) EM&A: A2 EM&A: | enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? Concrete batching plant Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? Are dusty materials, except cement and dry PFA, wetted by water | \(\sigma \) | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|----------|----|-----|---------|
| | Miscellaneous | | • | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | V | | | | |
| Cap3110 | Is open burning prohibited? | | ~ | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | V | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|----------|----------|----|-----|---------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | ~ | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | V | | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | , | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | 1 | - | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | V | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | V | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | ✓ | | | | |
| | General refuse | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | 1 | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | ✓ | | | |
| WMP | Is the refuse disposed of regularly and properly? | | ~ | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | ✓ | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | J | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|----------------|----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | | ~ | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | V | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | ✓ ₁ | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | v | | | |
| | Storage, collection and transportation of waste | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | / | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | ~ | | | | |
| | (2) reusable / recyclable materials; | ~ | | | · | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | V | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | V | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|----------|--|-----------------|-----|----|-----|---------|
| <u>,</u> | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | _ | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | \ \(\lambda \) | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | 1 | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | ~ | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | 1 | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | i |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | ~ | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | V | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | ~ | | | | 1000000 |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | ✓ | | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | ✓ | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks | |
|----------------|--|--|-----|---------------------------|--------|--------|-----------------|--|
| EM&A: C1 | Are working programmes sched | luled to minimize noise nuisance? | | ~ | | | | |
| EM&A: C1 | Are construction works or equip nuisance? | oment sited to minimize noise | | / | | | | |
| EM&A: C1 | Are all plant and equipment macconditions? | intained in good operating | | V | | | | |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | ~ | | | | |
| EM&A: C1 | Are methods of working devised nuisance? | d and arranged to minimize noise | | ~ | | | | |
| EM&A: C1) | Are construction works carried on nuisance? | out in a manner to minimize noise | | V | | | | |
| EM&A: C2 | | | | | | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | ion noise, is dredging equipment ers? | V | | | | | |
| NCO | Are valid construction noise per inspection? | mits, if required, available for | ~ | | | | | |
| NCO | Are conditions of construction n relevant part(s) of the works imp | | ~ | | | | | |
| NCO | Are valid noise emission labels theld percussive breakers? | fixed at air compressors and hand | | - | | | | |
| | Major noise source(s) | ☐ Traffic ☐ Construction activities outside the site | | Constru site Others | uction | activi | ties inside the | |

Abbreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Cap311R: Cap311O: Cap311: PN1/94: APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member Contractor's Representative

(Name in Block letters:

W. Z. Kwok)

C/N:04/90/ The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| | | _ | | | 4 | |
|-----------------------|--|-------|--------|----------|------|--------------------|
| Inspection | date /6 Jun cb Time of 20 Inspected | · - | ET: \ | <u> </u> | S. E | Tuen Kwok (TDK) |
| Site | LMX- Gas Leceving Station | 'ــا، | Contra | ctor: | W.F. | KWOK (IDK) |
| Weather | | - | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| R | ain Stori |
| Temperat | ure o Humidity W High Modera | te | Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | ✓ | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | V | | | |
| AIR QUAL | ITY | | | - | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | · | ł | L | <u></u> |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | ~ | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | ✓ | - | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | ✓ | | | | |
| | Construction Sites | | | L | *** | |
| EM&A: A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | ~ | | | | |
| | | | | | | |

Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?

Stockpiling of dusty materials

Cap311R: Sch 18

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--|--|-----|-----|----|-----|---------------------------------|
| | Cement and dry pulverized fuel ash (PFA) | | A | | | ······ |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | / | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | ~ | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | 1 | | · | | |
| 4-11-11-11-11-11-11-11-11-11-11-11-11-11 | Loading, unloading or transfer of dusty materials | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | ~ | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | ~ | | | ., | |
| WIN - 1 | Use of vehicles | | | | , | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | V | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | / | | - | Cleaning Priviled By P.T. |
| | Transfer of dusty materials using a belt conveyor system | | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | / | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | ~ | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | V. | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | V | | | | |
| | Concrete batching plant | | | L | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | v | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | / | | | | |
| EM&A: | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | / | | | | |
| 1 | | _ | | 1 | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|----------|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | V | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | / | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|----------|----------|----|-----|---------|
| | Dredged Materials | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | ~ | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | V | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | / | | | | . *** |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | , | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | ✓ | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | √ | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | v | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | ~ | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | ~ | | | · | |
| | General refuse | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | ✓ | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | V | | | |
| WMP | Is the refuse disposed of regularly and properly? | | V | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | _/ | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | ✓ | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
|-------------|--|-----|-----|----|-----|---------------------------------------|--|--|--|
| WDO | Has the Contractor been registered as a chemical waste producer? | | V | | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | V | | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | 1 | | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | ~ | | | | | | |
| | Storage, collection and transportation of waste | | | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | ✓ | | | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | ~ | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | (2) reusable / recyclable materials; | / | | | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | 1 | | - | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | V | | | , | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|----------|-----|----|-----|---------|
| | Surface Run-off | | | | | |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | V | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | V | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | 1 | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | ~ | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | V | | | | |
| | Groundwater | | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | V | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | ~ | | | | |
| | Wheel Washing Water | | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | ~ | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | / | - | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | / | | | | |

NOISE

| Ref | Checklist Condition | • | N/A | Yes | No | Unk | Remarks |
|----------------|--|--|-----|----------|--------|---------|----------------|
| EM&A: C1 | Are working programmes sched | uled to minimize noise nuisance? | | ~ | | | |
| EM&A: C1 | Are construction works or equip nuisance? | ment sited to minimize noise | | 1 | | | |
| EM&A: C1 | Are all plant and equipment mai conditions? | ntained in good operating | | ~ | | | |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | / | | | |
| EM&A: C1 | Are methods of working devised nuisance? | l and arranged to minimize noise | | / | | | |
| EM&A: C1) | Are construction works carried on nuisance? | out in a manner to minimize noise | | √ | | | |
| EM&A: C2 | To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some powers sensitive time periods? | owing measures adopted? | | ✓ | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | | | | | | |
| NCO | Are valid construction noise per inspection? | nits, if required, available for | ~ | | | | |
| NCO | Are conditions of construction no relevant part(s) of the works imp | | / | | | | 11 |
| NCO | Are valid noise emission labels f held percussive breakers? | ixed at air compressors and hand | | / | | | |
| | Major noise source(s) | ☐ Traffic | | site | ıction | activit | ies inside the |
| | Major noise source(s) | ☐ Construction activities outside the site | | thers | | "h | |

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R: Cap3110:

APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
WDO: Waste Disposal Ordinance

Cap311: PN1/94:

Unk:

Practice Note for Professional Persons (Construction Site Drainage) Unknown

Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

NEW,

(Name in Block letters:

C/N:04/9018

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | date \[\frac{21/6/206}{}{\tau_0\tau_0\tau_30} \] Inspected | i By | ET: | 4 | M | ki |
|-----------------------|--|------|--------|-------|-----|---|
| Site | LMX - Gas Receiving Station | _ (| Contra | ctor: | Kon | pmond (W) |
| Weather | | i | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| R | ain Storm |
| Temperat | ure 70 °C Humidity High | ite | Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | V | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | 1 | l | L | l | 1 |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | V | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | V | / | | | |
| | Construction Sites | 1 | L | L | | |
| EM&A: A1 | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | | V | | | Spray by |
| | Stockpiling of dusty materials | | | | | , |
| Cap311R: Sch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | / | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------------------------|--|------------|---|----|-----|--|
| | Cement and dry pulverized fuel ash (PFA) | | | | * | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | 1 | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | | | | | |
| | Loading, unloading or transfer of dusty materials | - k | I | · | L | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | | | | | |
| | Use of vehicles | * | *************************************** | | -11 | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | | | | Cleany by provide by py |
| | Transfer of dusty materials using a belt conveyor system | 1 | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | 1 | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | | ÷ | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | | | | | |
| | Concrete batching plant | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | V | | | | |
| EM&A: A2 | Are dusty materials, except cement and dry PFA, wetted by water spray system? | 1 | | | | |
| EM&A: A2 | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | / | 4 | | | |
| EM&A: A2 | Are all the conveyor transfer points totally enclosed? | 1 | | | | e de la companya de l |
| | | | | | | |

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| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | | • | | | |
| Cap3110 | Is open burning prohibited? | | | , | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------------|---|-----|-----|----|-----|---------|
| | Dredged Materials | | _ | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | , | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | | | | | |
| | Construction Waste and Excavated Materials | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | 0 | , | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | / | | | | |
| WMP = | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | | | | | |
| | General refuse | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | U | / | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | | | | |
| WMP | Is the refuse disposed of regularly and properly? | , | 1 | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | | | | |
| | Chemical Waste | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | / | | | |

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| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| WDO | Has the Contractor been registered as a chemical waste producer? | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | | · | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | | | | |
| | Storage, collection and transportation of waste | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | | | | | |
| | (2) reusable / recyclable materials; | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | / | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|----------|
| | Surface Run-off | | | | | <u> </u> |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | / | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | / | | | | |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | | , | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | / | | | | |
| | Groundwater | L | | | | |
| PN1/94 | Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | | | | | |

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| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|-----|-----|----|-----|---------|
| | Boring and Drilling Water | - | | | 1 | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | | 1 | | | |
| | Wheel Washing Water | / | | | | |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----|-----|----|-----|---------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | 1 | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | 1 | / | | | |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | 1 | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks | |
|----------------|---|--|----------|----------------|--------|--------|-----------------|--|
| EM&A: C1 | Are working programmes sched | uled to minimize noise nuisance? | | 0 | | | 71.10. | |
| EM&A: C1 | Are construction works or equip nuisance? | ment sited to minimize noise | | | | | | |
| EM&A: C1 | Are all plant and equipment mai conditions? | ntained in good operating | | | | | | |
| EM&A: C1/GP | Is idle equipment turned off or the | hrottled down? | | | | | | |
| EM&A: C1 | Are methods of working devised nuisance? | and arranged to minimize noise | | | | | | |
| EM&A: C1) | Are construction works carried on uisance? | | / | | | | | |
| EM&A: C2 | To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some power sensitive time periods? | | / | , | | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | ion noise, is dredging equipment ers? | | | | | | |
| NCO | Are valid construction noise per inspection? | mits, if required, available for | | 1 | | | | |
| NCO | Are conditions of construction n relevant part(s) of the works imp | | | | | | | |
| NCO | Are valid noise emission labels held percussive breakers? | | | | | | | |
| | Major noise source(s) | ☐ Traffic | 豆 | Constr site | uction | activi | ties inside the | |
| = | iviajor noise source(s) | ☐ Construction activities outside the site | □ Others | | | | | |

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| VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk: | Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Person Unknown | NCO: WDO: | EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage) | |
|--|--|----------------|--|-------------|
| Remark | | | | |
| | | | | |
| | **** | | | |
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| | WALL AND THE STREET | | And the second s | - |
| | | | | |
| Signatures | | | | |
| ET Member | Contractor's l | Representative | IEC's Representative | |
| | | | This site inspection was carried in the presence of IEC's representative | d out |
| | | 4 | in the presence of IEC's represe | cilianiae |
| Yn(l | | | Toll | |
| (Name in-Block le | tters: (Name in Blo | ck letters: | Name in Block Letters: | ` |
| y M Chim | Raymod | chi. | Chan In Mo | , |

Abbreviation

C/N:04/9018

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

| Inspection | on date 30 Jun ob Time of 30 Inspects | ed By [| ET: | W | . J. | · Chu |
|-----------------------|--|--------------------|-------|-------|-------------|-----------|
| Site | LMX- Ras Recony Station. |]. | Contr | actor | : W. F. | Kwok (TDK |
| Weather | | | | | | |
| Condition | on Sunny Fine Overcast Hazy | | Dri | zzle | R | ain Sto |
| Tempera | nture C Humidity High Moder | ate _ | Lo | w | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERA | L | | | 71. | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | / | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | | | | |
| Ref. | Checklist Condition | N/A Yes No Unk Rei | | | Remarks | |
| | General Requirements | | 7.00 | 1.0 | Olik | icinai ks |
| Cap311R: 3 | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? | / | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? | | / | | | |
| Cap311 | Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? | | | | | |
| | Construction Sites | | | | | |
| EM&A: | Are haul roads paved with concrete or sprayed with water to keep the entire road wet? | / | | | | |
| | Stockpiling of dusty materials | ·· | | | Ļ. | |
| Cap311R: ch 18 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | / | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | | |
|--------------------------------------|--|----------|-----|----|----------------|---------------------------------------|--|--|--|--|
| | Cement and dry pulverized fuel ash (PFA) | | | | L | · · · · · · · · · · · · · · · · · · · | | | | |
| Cap311R: Sch 15(3) | Are the storage silos for cement or dry PFA prevented from overfilling? | V | | | | | | | | |
| Cap311R: Sch 15(4) | Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system? | 1 | | | | | | | | |
| Cap311R: Sch 15(2) | Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm? | 1 | | | ~~~ | | | | | |
| Cap311R: Sch 17 | Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers? | / | | | : | | | | | |
| | Loading, unloading or transfer of dusty materials | | | | | | | | | |
| Cap311R: Sch 19 | Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation? | / | | | | | | | | |
| EM&A: A1 | Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission? | | | | | | | | | |
| | Use of vehicles | | | | | | | | | |
| Cap311R: Sch 21(2) EM&A: A1 | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | 1 | | | | | | | | |
| Cap311R: Sch 21(1) | Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site? | | 1 | | | Cleaning Priviled By P-Y. | | | | |
| | Transfer of dusty materials using a belt conveyor system | | • | • | | J | | | | |
| Cap311R: Sch 20(1) | Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? | ~ | | | | | | | | |
| Cap311R: Sch 20(2) | Is every transfer point between any two-belt conveyors totally enclosed? | V | | | | | | | | |
| Cap311R: Sch 20(3) | Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? | V | i | | | | | | | |
| Cap311R: Sch 20(4) | Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? | 1 | | | | | | | | |
| | Concrete batching plant | | | | | | | | | |
| EM&A: A2 | Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? | / | | | | | | | | |
| EM&A: | Are dusty materials, except cement and dry PFA, wetted by water spray system? | / | | | | | | | | |
| EM&A: | Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point? | 1 | | | | | | | | |
| EM&A: | Are all the conveyor transfer points totally enclosed? | / | | | | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------------------|--|-----|-----|----|-----|---------|
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | |
| Cap3110 | Is open burning prohibited? | | / | | | |
| Сар311 | Is black smoke emission from plant/equipment avoided? | | ✓ | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | | | |
|-----------------|---|----------|--------------|----|-----|---------|--|--|--|--|--|
| | Dredged Materials | | | | | | | | | | |
| WMP EM&A: E3 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | | | | | | |
| WMP EM&A: E3 | Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection? | 1 | | | | 7 | | | | | |
| EM&A E3 | Are wastes disposed of at licensed sites? | / | | | | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | | | |
| WMP EM&A: E3 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | V | | | | | | | | | |
| WMP | Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection? | ✓ | | | | | | | | | |
| WMP | Is suitable concrete waste/excavated material used for on-site reclamation/filling works? | V | | | | , | | | | | |
| WMP | Are the used formworks reused as far as possible before being disposed of in a landfill site? | | | | | | | | | | |
| WMP | Are the remaining unsuitable excavated materials disposed of at the public filling areas? | 1 | ***** | | | | | | | | |
| EM&A: E3 | Are wastes disposed of at licensed sites? | 1 | | | | | | | | | |
| | General refuse | | | | | | | | | | |
| WMP | Has the Contractor maintained a disposal record for general refuse and made it available for inspection? | | 1 | | | | | | | | |
| WMP | Is general refuse stored within receptacles and separated from chemical wastes? | | ✓ · | | | ** | | | | | |
| WMP | Is the refuse disposed of regularly and properly? | | V | | | | | | | | |
| WMP | Are burning of refuse at site and dumping at sea prohibited? | | \checkmark | | | | | | | | |
| | Chemical Waste | | | | | | | | | | |
| EM&A: E3 | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | ✓ | | | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | | |
|-------------|--|----------|----------|----|-----|---------|--|--|--|--|
| WDO | Has the Contractor been registered as a chemical waste producer? | | / | | | | | | | |
| EM&A: E3 | Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection? | | ~ | | | | | | | |
| EM&A: E4 | Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | V | | | | | | | |
| EM&A: E4 | Is the chemical waste storage, if any, well maintained, kept closed and locked? | | J | | | | | | | |
| | Storage, collection and transportation of waste | | | | | | | | | |
| EM&A: E3 | Are wastes transported by enclosed containers or covered trucks? | | V | | | | | | | |
| EM&A: E3 | Are waste materials segregated and sorted into 3 categories as follows? | | | | | | | | | |
| | (1) public fill materials for on-site reuse, or disposal at public filling area; | V | | | | *** | | | | |
| | (2) reusable / recyclable materials; | / | | | | | | | | |
| | (3) un-reusable / non-recyclable waste for landfill disposal. | | ~ | | | | | | | |
| EM&A: E3 | Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained? | | √ | | | | | | | |

WATER QUALITY

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|--------|--|----------|-----|----|-----|----------|
| | Surface Run-off | | | * | | <u>.</u> |
| PN1/94 | Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly? | / | | | | |
| PN1/94 | Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary? | V | | | | |
| PN1/94 | Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities? | | | | | · |
| PN1/94 | Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system? | ✓ | | | | |
| PN1/94 | Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers? | ~ | | | | |
| PN1/94 | Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities? | / | | | | |

| Ref | Checklist Condition | N/A Yes | | No | Unk | Remarks |
|--------|--|---------|--|----|-----|---------|
| | Boring and Drilling Water | | | | | |
| PN1/94 | Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities? | / | | - | | |
| | Wheel Washing Water | | | | | - |
| PN1/94 | Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|--|-----------|-----|----|-----|------------|
| EM&A: G1 | Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? | / | | | | |
| EM&A: G2 | Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"? | \/ \/ | | | | , <u>-</u> |
| EM&A: G3 | Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms? | \ <u></u> | | | | |

NOISE

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks | |
|----------------|---|-----------------------------------|--|-----------|----|-----|---|--|
| EM&A: C1 | Are working programmes sched | duled to minimize noise nuisance? | | 1 | | | | |
| EM&A: C1 | Are construction works or equipulation nuisance? | oment sited to minimize noise | | , | | | | |
| EM&A: C1 | Are all plant and equipment ma conditions? | intained in good operating | | 1 | | | | |
| EM&A: C1/GP | Is idle equipment turned off or t | hrottled down? | | ~ | | | | |
| EM&A: C1 | Are methods of working devised nuisance? | d and arranged to minimize noise | | 1 | | | | |
| EM&A: C1) | Are construction works carried on nuisance? | | V | | | \ | | |
| EM&A: C2 | To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some pow sensitive time periods? | | √ | | | | | |
| EM&A: C3 | To mitigate night time construct equipped with silencers or muffl | | 1 | | - | | <u>, , , , , , , , , , , , , , , , , , , </u> | |
| NCO | Are valid construction noise pen inspection? | mits, if required, available for | V | | | | | |
| NCO | Are conditions of construction neelevant part(s) of the works imp | | ~ | | | | , | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | | | 7 | | | | |
| | Major noise source(s) Traffic | | ☐ Construction activities inside the site ☐ Others | | | | | |
| | | outside the site | | , cuter 2 | | | | |

Abbreviation

VEP:

Varied Environmental Permit

Waste Management Plan

EM&A: EM&A Manual (Construction Phase)

WMP: Cap311R: Cap3110: Cap311: PN1/94:

APC (Construction Dust) Regulation APC (Open Burning) Regulation

NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unk: Unknown

| Remark | | | | | | | | |
|--------|----|--|--------------|---------------------------------------|------|---------------------------------------|--|--|
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| | | | | | | | | |

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block letters:

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of Transmission System **Weekly Site Inspection Checklist**

| Inspection d | late 01/06/06 Time 09:30 Inspect | ed by | ET: I | | Dai r: Kade | an an |] |
|--------------|--|-------|----------|-------|----------------|---------|--------|
| Site | Transmission Route (Civil Work) | | Cont | lacto | r. Ixad | | _ _ |
| Weather | | | | | | | - |
| Condition | Sunny Fine Overcast Hazy | ✓ | Driz | zle | Ra | in Stor | m |
| Temperatu | re 27 °C Humidity / High Moderat | te _ | Low | 7 | | | |
| Wind | Calm Light Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | √ | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | ✓ | | | | |

AIR QUALITY

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------------------------|---|----------|-----|----|-----|---------|
| | General Requirements | • | • | • | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | ✓ | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | √ | | | | |
| | Stockpiling of dusty materials | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | ✓ | | | |
| | Use of vehicles | | ı | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | ✓ | | | | |
| | Miscellaneous | • | II. | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | ✓ | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|----------|----|-----|---------|
| Cap3110 | Is open burning prohibited? | | √ | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | 1 | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|---------|---|----------|-----|----|-----|----------|--|--|
| | Dredged Materials | | | | | | | |
| Cap466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | | | |
| Cap466 | Are wastes disposed of at licensed sites? | 1 | | | | . ; | | |
| | Construction Waste and Excavated Materials | | | 1 | | <u> </u> | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | : | | |
| Cap354 | Are wastes disposed of at licensed sited? | 1 | | | | | | |
| : | Chemical Waste | | | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | * | | | | : | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | | 1 | | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | 1 | | | | : | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|----------|-----|----|-----|---------|
| EM&A: M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | ~ | | | | |

NOISE

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|----------|-----|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | / | | | | - |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | ~ | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | 1 | | | | : |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | 1 | | | | i |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | ✓ | | | | |

TERRESTRIAL ECOLOGY

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|-------------|--|--|----------|----------|----|---------|-----------------|
| EM&A: O1 | Are the construction activities at la monitored to avoid impact on the u species Celtis biondii, Pteris dispar restricted plants Vitis balansaeana, and Rhapis excellsa? | ncommon and rare plant r and Ardicia pusilla, and the | | * | | | |
| EM&A: O2 | Are fences erected in accordance win good condition along the boundarn prevent tipping, vehicle movement personnel into adjacent wooded are uncommon and restricted plant spe | - | ~ | | | | |
| EM&A: Q3 | Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas? | | | 1 | | | |
| EM&A: Q4 | Is open fire prohibited and prevente boundary during construction? Is to equipment provided in the work are | emporary fire fighting | | ~ | | | |
| | | Traffic | 1 | Con | | ion act | tivities inside |
| | Major noise source(s) Construction activities outside the site | | | Oth | | | |

Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap311O: Cap311:

APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance

Cap466:

Dumping at Sea Ordinance

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance

Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

| Remark | |
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Signatures

ET Member

Contractor's Representative

(Name in Block letters:

Eric, K Y Dai

Assistant Resident Engineer

Name in Block letters:

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of Transmission System Weekly Site Inspection Checklist

| Inspection d | ate 07/06/06 Time 09:30 Inspect | ed by | ET: I | Eric I |) Dai | | ٦ |
|--------------|--|-------|----------|--------|----------|---------|----|
| - | | · | Cont | racto | r: Kade | en | |
| Site | Transmission Route (Civil Work) | | | | | | _ |
| XX7 41 | | | | | | | _ |
| Weather | | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Drizz | zle | √ Ra | in Sto | rm |
| Temperatur | re 27 °C Humidity ✓ High Moderat | e | Low | 7 | | | |
| Wind | Calm Light Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | √ | | | | |

Is a copy of EIA report kept in Engineers' and Contractors' offices on site?

AIR QUALITY

VEP 1.6

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|-------------------------------|---|----------|----------|----|-----|---------|--|--|
| | General Requirements | | | | | | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | ✓ | | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | √ | | | | | | |
| | Stockpiling of dusty materials | | | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | √ | | | | | |
| | Use of vehicles | | | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | ✓ | | | | | | |
| | Miscellaneous | | | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | ✓ | | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|----------|----|-----|---------|
| Cap3110 | Is open burning prohibited? | | 1 | | | |
| Сар311 | Is black smoke emission from plant/equipment avoided? | | ~ | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|---------|---|----------|-----|----|-----|---------|--|--|
| | Dredged Materials | • | | | | | | |
| Cap466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | / | | | | | | |
| Cap466 | Are wastes disposed of at licensed sites? | 1 | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | / | | | | | | |
| | Chemical Waste | | | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | | 1 | | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | V | | | | *** | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|-----|-----|----|-----|---------|
| EM&A: M1 | Are rubble mound scawalls constructed for the landing and launching points at Lamma Island? | 1 | | | | |

NOISE

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|-----|-----|----|-----|---------|
| EM&A: Li | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | 1 | | | | |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | 1 | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | 1 | | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | 1 | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | 1 | | | | |

TERRESTRIAL ECOLOGY

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|-------------|--|--|----------|----------------|----|----------|-----------------|
| EM&A: O1 | Are the construction activities at lar monitored to avoid impact on the ur species Celtis biondii, Pteris dispar restricted plants Vitis balansaeana, and Rhapis excellsa? | | ~ | | | | |
| EM&A: O2 | Are fences erected in accordance win good condition along the boundar prevent tipping, vehicle movements personnel into adjacent wooded are uncommon and restricted plant specific | | | | | | |
| EM&A: Q3 | Has regular checking been perform boundaries are not exceeded and th surrounding areas? | | 1 | | | | |
| EM&A: Q4 | &A: Is open fire prohibited and prevented within the work s boundary during construction? Is temporary fire fightin equipment provided in the work area during construction. | | | 1 | | | |
| | | Traffic | / | Construction a | | tion act | tivities inside |
| | Major noise source(s) | Construction activities outside the site | | Oth | | | |

Abbreviation

Varied Environmental Permit VEP: Cap311R: APC (Construction Dust) Regulation Cap3110: Cap311:

APC (Open Burning) Regulation Air Pollution Control Ordinance

Cap466: Dumping at Sea Ordinance EM&A: EM&A Manual (Construction Phase) NCO: Noise Control Ordinance

Cap354: Waste Disposal Ordinance Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

| Remark | | | |
|--------|--|------|--|
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Signatures

ET Member

(Name in Block letters:

Eric, K Y Dai

Assistant Resident Engineer

Name in Block letters:

Contractor's Representative

20th December 2001

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of Transmission System **Weekly Site Inspection Checklist**

| Inspection d | late 14/06/06 Time 09:30 Inspect | ed by | ET: I | | Dai r: Kade | an an |] |
|--------------|--|-------|----------|-------|----------------|---------|--------|
| Site | Transmission Route (Civil Work) | | Cont | lacto | 1. Kad | | _ - |
| Weather | | | | | | | |
| Condition | Sunny Fine Overcast Hazy | ✓ | Driz | zle | Ra | in Stor | m |
| Temperatu | re 27 °C Humidity / High Moderat | ie | Low | V | | | |
| Wind | Calm Light Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | ✓ | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | √ | | | | |

AIR QUALITY

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------------------------|---|----------|-----|----|-----|---------|
| | General Requirements | • | • | • | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | ✓ | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | √ | | | | |
| | Stockpiling of dusty materials | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | ✓ | | | |
| | Use of vehicles | | ı | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | ✓ | | | | |
| | Miscellaneous | • | II. | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | ✓ | | | | |

| Ref | | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----|------|---|-----|-------------|----|-----|---------|
| Cap | 3110 | Is open burning prohibited? | | > | | | |
| Cap | 311 | Is black smoke emission from plant/equipment avoided? | | 1 | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|---------|---|----------|----------|----|-----|---------|--|--|
| | Dredged Materials | | | | | | | |
| Cap466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | | | |
| Cap466 | Are wastes disposed of at licensed sites? | ✓ | | | | | | |
| | Construction Waste and Excavated Materials | • | | | • | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | 1 | | | | | | |
| | Chemical Waste | | | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | | / | | | 1 | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | ~ | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-----------|---|----------|-----|---------|-----|---------|
| EM8 M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | / | | <u></u> | | |

NOISE

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|----------|------|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | ~ | | | | |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | 1 | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | / | | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | / | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | / | J.,, | | | 7.4 |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks | |
|-------------|---|---|-----------------------|----------|---------|-----------------|---------|--|
| EM&A: O1 | Are the construction activities at lar monitored to avoid impact on the u species Celtis biondii, Pteris dispar restricted plants Vitis balansaeana, and Rhapis excellsa? | ncommon and rare plant rand Ardicia pusilla, and the | | ~ | × | | | |
| EM&A: O2 | Are fences erected in accordance win good condition along the boundar prevent tipping, vehicle movement personnel into adjacent wooded are uncommon and restricted plant spe | ary of construction sites to s, and encroachment of eas, particularly where the rare, | | √ | | | | |
| EM&A: Q3 | Has regular checking been perform boundaries are not exceeded and th surrounding areas? | | | 1 | | | | |
| EM&A: Q4 | Is open fire prohibited and prevent boundary during construction? Is to equipment provided in the work ar | emporary fire fighting | | · | | | | |
| | | Traffic | Construction the site | | tion ac | tivities inside | | |
| | Major noise source(s) | Construction activities outside the site | | Others: | | | | |

Abbreviation VEP: Varied Environmental Permit EM&A: EM&A Manual (Construction Phase) Cap311R: APC (Construction Dust) Regulation Noise Control Ordinance APC (Open Burning) Regulation Air Pollution Control Ordinance Cap3 10: Cap354: Waste Disposal Ordinance Cap3 11: Cap466: Cap354c: WDO (Chemical Waste) (General) Regulation Dumping at Sea Ordinance Unk: Unknown Remark Signatures Contractor's Representative ET Member (Name in Block letters: Eric, K Y Dai Assistant Resident Engineer

| Inspection da | te 21/06/06 Time 09:30 Inspect | ed by | ET: I | Eric I | Dai | | \neg |
|---------------|--|-------|----------|--------|---------|---------|--------|
| - | | Ū | Cont | racto | r: Kade | en | |
| Site | Transmission Route (Civil Work) | | | | | | _ |
| | | | | | | | _ |
| Weather | | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle | Ra | in Sto | orm |
| Temperatur | e 29 °C Humidity ✓ High Moderat | e | Low | 7 | | | |
| Wind | Calm Light Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | √ | | | | |

Is a copy of EIA report kept in Engineers' and Contractors' offices on site?

AIR QUALITY

VEP 1.6

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|-------------------------------|---|----------|----------|----|-----|---------|--|--|
| | General Requirements | | | | | | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | ✓ | | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | √ | | | | | | |
| | Stockpiling of dusty materials | | | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | √ | | | | | |
| | Use of vehicles | | | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | ✓ | | | | | | |
| | Miscellaneous | | | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | ✓ | | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|----------|----|-----|---------|
| Cap311O | Is open burning prohibited? | | ✓ | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | ✓ | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | |
|---------|---|-------------|-----|----|-------------|----------|--|--|
| | Dredged Materials | | | , | , <u></u> - | | | |
| Сар466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | 1 | | | | | | |
| Сар466 | Are wastes disposed of at licensed sites? | 1 | | | | <u> </u> | | |
| | Construction Waste and Excavated Materials | - | | | | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | 1 | | | | | | |
| | Chemical Waste | | | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | \[\sqrt{1} | | | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | | / | | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | ~ | | | | | | |

| EM&A: Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---|-------------|---|----------|-----|----|-----|---------|
| | EM&A: M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | * | | | | |

NOISE

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|----------|-----|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | 1 | | | | |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | 1 | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | ~ | - | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | ✓ | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | 1 | | | | |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks | |
|-------------|--|---|---|----------|----------------|---------|-----------------|--|
| EM&A: O1 | Are the construction activities at lar monitored to avoid impact on the ur species Celtis biondii, Pteris dispar restricted plants Vitis balansaeana, and Rhapis excellsa? | ncommon and rare plant and Ardicia pusilla, and the | | · | | | | |
| EM&A: O2 | Are fences erected in accordance win good condition along the boundar prevent tipping, vehicle movements personnel into adjacent wooded are uncommon and restricted plant spe | ary of construction sites to s, and encroachment of eas, particularly where the rare, | 5 -5 -5 -5 -5 -5 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 | / | | | | |
| EM&A: Q3 | Has regular checking been perform boundaries are not exceeded and the surrounding areas? | ned to ensure that the work site nat no damage occurs to | | 1 | · | | | |
| EM&A: Q4 | Is open fire prohibited and prevent boundary during construction? Is to equipment provided in the work ar | emporary fire fighting | | ~ | | | | |
| | | Traffic | 1 | | nstruc site | tion ac | tivities inside | |
| | Major noise source(s) | Major noise source(s) Construction activities outside the site | | Otl | ners: | | | |

VEP:

Varied Environmental Permit

Cap311R: Cap311O: Cap311:

APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance

Cap466:

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
Cap354: Waste Disposal Ordinance
Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown

| Remark | | | |
|-----------------------------|---|---------------------------------------|---|
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| Signatures | | | |
| ET Member | Contractor's Representative | | |
| | Name : | | |
| (Name in Block letters: | Name in Block letters: | | |
| Eric, K Y Dai | C.K.LAW | | • |
| Assistant Resident Engineer | Name in Block letters: C.K.LAW Engineer | | |

| nspection da | te 28/06/06 Time 09:30 Inspecte |) — | ET: E | | ai : Kade | | | | |
|-------------------------------|---|------------|----------------|----------|----------------|-------------|--|--|--|
| Site | Transmission Route (Civil Work) | | Contra | | . reade | | | | |
| eather | | | | | | | | | |
| Condition | Sunny Fine Overcast Hazy | |] Drizz | le | Ra | in Stor | | | |
| Temperatur | e 30 °C Humidity High Moderate | | Low | | | | | | |
| Wind | Calm Light Breeze Strong | | | _ | | <u>-</u> | | | |
| ENERAL | | | | | . <u>.</u> | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | ✓ ✓ | | 1 | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | | | | |
| .IR QUAL! Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
| | General Requirements | | , | <u> </u> | , , | T | | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | * | | | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | / | | | | | | | |
| | Stockpiling of dusty materials | | | | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | / | | <u> </u> | | | | |
| | Use of vehicles | | - 1 | | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | | | | |
| | Miscellaneous | | | 1 - | <u> </u> | τ | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | ļ | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|----------|----|-----|---------|
| Cap311O | Is open burning prohibited? | | ✓ | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | ✓ | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
|---------|---|----------|-----|----|-------------|---------|--|--|--|
| | Dredged Materials | | | | | | | | |
| Сар466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | ✓ | | | | | | | |
| Сар466 | Are wastes disposed of at licensed sites? | 1 | | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | ~ | _ | | | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | 1 | | | | | | | |
| | Chemical Waste | | | | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | | | | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | | 1 | | | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | / | | | | | | | |

| | | N/A | Yes | No | Unk | Remarks |
|--------------------|--|----------|-----|----|-----|---------|
| Ref Chec | ecklist Condition | | | | | |
| EM&A: Are to laund | rubble mound seawalls constructed for the landing and aching points at Lamma Island? | * | | | | |

NOISE

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|----------|-----|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | / | | | | |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | 1 | | : | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | ~ | - | _ | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | 1 | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | / | | | | |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|-------------|--|--|-----|---------|----------------|---------|-----------------|
| EM&A: O1 | Are the construction activities at lar monitored to avoid impact on the ur species Celtis biondii, Pteris dispar restricted plants Vitis balansaeana, and Rhapis excellsa? | ncommon and rare plant and the | | 1 | | | |
| EM&A: O2 | Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located? | | | 1 | | | |
| EM&A: Q3 | Has regular checking been perform boundaries are not exceeded and th surrounding areas? | Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas? | | | | | |
| EM&A: Q4 | &A: Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction? | | | 1 | | | |
| | Major noise source(s) Traffic Construction activities outside the site | | 1 | | nstruc site | tion ac | tivities inside |
| | | | Ī | Others: | | | |

VEP:

Varied Environmental Permit

Cap311R:

APC (Construction Dust) Regulation APC (Open Burning) Regulation

Cap3110: Cap311:

Air Pollution Control Ordinance

Cap466:

Dumping at Sea Ordinance

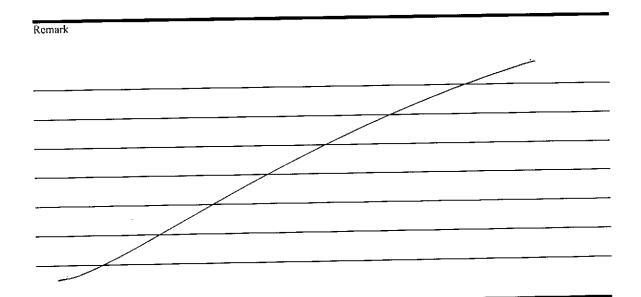
EM&A: EM&A Manual (Construction Phase)

Noise Control Ordinance NCO:

Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown



Signatures ET Member (Name in Block letters: Eric, K Y Dai

Resident Engineer

Contractor's Representative

(Mame in Block letters:

20th December 2001

| inspection of | $\frac{2/6/06}{1 \text{ ime}} \frac{1}{0.30} \text{ inspec}$ | tea by | Car | | <u> </u> | | |
|-------------------------------|---|--|-------------|-------|----------------|-----------|-----|
| Site | OUTSIDE LANDING POINT I, NIENY. | | Con | racio | <u>۔ ر :r:</u> | POWER SYL | TOM |
| *** | | | | | | | |
| Weather | | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| Ra | ain Storm | |
| Temperatu | re 27°C Humidity High Modera | te _ | Lov | v | | | |
| Wind | Calm Light Breeze Strong | | | | | | |
| GENERAL | | | | | | | _ |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | | 1 | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | | |
| AIR QUALI Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| | General Requirements | l | | 1 | | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | | | | | | |
| | Stockpiling of dusty materials | | | , | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | | | | | |
| | Use of vehicles | | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | | |
| · | Miscellaneous | ······································ | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|-----|----|-----|---------|
| Cap3110 | Is open burning prohibited? | | | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|-----|----|-----|---------|
| | Dredged Materials | | | | | r |
| Сар466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | 1 | | | |
| Cap466 | Are wastes disposed of at licensed sites? | | / | | | |
| | Construction Waste and Excavated Materials | | | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | / | | | | |
| | Chemical Waste | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | / | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|-----|-----|----|-----|---------|
| EM&A: M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | | | | | |

| 1 | N | (| ì | I | S | Т | ì |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|-----|-----|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | / | | | | |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | / | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | / | | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | / | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | / | | | | |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|-------------|--|--|-------------------------------|--------|----|-----|------------------|
| EM&A: O1 | monitored to avoid impact on the species Celtis biondii, Pteris dis | | | | | | |
| EM&A: O2 | Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located? | | | | | | |
| EM&A: Q3 | Has regular checking been perfo boundaries are not exceeded and surrounding areas? | / | | | | | |
| EM&A: Q4 | Is open fire prohibited and preve boundary during construction? Is equipment provided in the work | s temporary fire fighting | / | | | | |
| | | ☐ Traffic | Construction activities insid | | | | ities inside the |
| | Major noise source(s) | Construction activities outside the site | | Others | S | | |

VEP: Varied Environmental Permit EM&A: EM&A Manual (Construction Phase) Cap311R: Cap311O: APC (Construction Dust) Regulation NCO: Noise Control Ordinance APC (Open Burning) Regulation Cap354: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance Cap354c: WDO (Chemical Waste) (General) Regulation Cap466: Dumping at Sea Ordinance Unknown Remark Signatures ET Member Contractor's Representative

(Name in Block letters:

(Name in Block letters:

| Inspection of | late 9/6/06 Time 1:00 Inspec | ted by | ET: | k | LV | AU |
|-------------------------------|---|--------|------|-------|--------|---------------|
| Site | OUTSIDE LANDING POINT I, No 244 | | Cont | racio | r. J . | - POWOR Syron |
| Weather | | | | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| Ra | nin Storm |
| Temperatu | re 📆 °C Humidity 🔲 High 🖊 Modera | te _ | Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | (| | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | |
| AIR QUALI | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | L | | | | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | / | | | | |
| | Stockpiling of dusty materials | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | / | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | |
| | Miscellaneous | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|-----|----|-----|---------|
| Cap3110 | Is open burning prohibited? | / | | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|----------|----|-----|---------|
| | Dredged Materials | | ^ | | | |
| Сар466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | | | | |
| Cap466 | Are wastes disposed of at licensed sites? | | / | | · | |
| | Construction Waste and Excavated Materials | | | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | | | | | |
| | Chemical Waste | - / | • | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | / | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|-----|-----|----|-----|---------|
| EM&A: M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|----------------|---|-----|-----|----|-----|---------------------------------------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | / | | | | |
| EM&A: L2~L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | 1 | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | | | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | 1 | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | / | | | | · · · · · · · · · · · · · · · · · · · |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|-------------|--|--|-----------|--------|--------|----------|------------------|
| EM&A: O1 | Are the construction activities at landing points N4 & N5 closely monitored to avoid impact on the uncommon and rare plant species Celtis biondii, Pteris dispar and Ardicia pusilla, and the restricted plants Vitis balansaeana, Pterospermum heterophyllum and Rhapis excellsa? | | | | | | |
| EM&A: O2 | Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located? | | | | | | |
| EM&A: Q3 | Has regular checking been perfo boundaries are not exceeded and surrounding areas? | rmed to ensure that the work site i that no damage occurs to | / | | | | |
| EM&A: Q4 | Is open fire prohibited and preve boundary during construction? I equipment provided in the work | s temporary fire fighting | / | | | | |
| | Major noise source(s) | ☐ Traffic | Ø | Consti | ructio | n activi | ities inside the |
| | major noise source(s) | Construction activities outside the site | es Others | | | | |

VEP: Cap311R: Varied Environmental Permit

Cap3110:

APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance

Cap311: Cap466:

Dumping at Sea Ordinance

EM&A: EM&A Manual (Construction Phase)

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

| Remark | |
|------------|-----------------------------|
| NIA | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Signatures | |
| ET Member | Contractor's Representative |
| | |
| | |

(Name in Block letters:

FCLAN,

(Name in Block letters:

BZRRY YUZA

| Inspection of | date $[6/6/0]$ Time $[0:3]$ Inspec | ted by | ET: | | k-C | WAN |], |
|-------------------------------|---|---------|------|-------|-------|-----------|------|
| Site | OUTSIDE LANDING POINT E, NI LNY | | Cont | racto | or: J | -POWERS | ¥377 |
| Weather | | | | | | | • |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| Z R | ain Store | m |
| Temperatu | re 28°C Humidity High Modera | te | Lov | v | | | |
| Wind | Calm Light Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | (| | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | | |
| AIR QUALI | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| | General Requirements | <u></u> | |] | | <u></u> | |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | / | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | 1 | | | | | |
| | Stockpiling of dusty materials | | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | | | | | |
| | Use of vehicles | | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | | |
| <u></u> | Miscellaneous | 1 | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | / | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|-----|----|-----|---------|
| Cap3110 | Is open burning prohibited? | | | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|----------|-------------|-----|--------------|
| | Dredged Materials | • | ' | | | <u>-</u> |
| Cap466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | / | | | |
| Cap466 | Are wastes disposed of at licensed sites? | | / | | | |
| | Construction Waste and Excavated Materials | | | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | / | | | | |
| | Chemical Waste | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | 1 | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | / | | | | - |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|-----|-----|----|-----|---------|
| EM&A: M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | 1 | | | | |

| T 4 | _ | * | ~ | |
|------------|---|---|---|----|
| N | | ш | • | и. |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|----------------|---|-----|-----|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | 1 | | | | |
| EM&A: L2~L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | / | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | / | | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | / | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | / | | | | |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks |
|-------------|--|---|-----|--------|--------|---------|------------------|
| EM&A: O1 | monitored to avoid impact on the species Celtis biondii, Pteris dis | t landing points N4 & N5 closely the uncommon and rare plant the par and Ardicia pusilla, and the the na, Pterospermum heterophyllum | 1 | | | | |
| EM&A: O2 | Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located? | | | | | | |
| EM&A: Q3 | Has regular checking been performed boundaries are not exceeded and surrounding areas? | ormed to ensure that the work site if that no damage occurs to | / | | | | |
| EM&A: Q4 | Is open fire prohibited and preve boundary during construction? I equipment provided in the work | s temporary fire fighting | / | | | | |
| | M.: | ☐ Traffic | | Consti | ructio | n activ | ities inside the |
| | Major noise source(s) | Construction activities outside the site | | Other: | s | | |

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance VEP: Varied Environmental Permit APC (Construction Dust) Regulation Cap311R: APC (Open Burning) Regulation Air Pollution Control Ordinance Cap3110: Cap354: Waste Disposal Ordinance Cap311: Cap354c: WDO (Chemical Waste) (General) Regulation Cap466: Dumping at Sea Ordinance Unk: Unknown Remark Signatures ET Member Contractor's Representative (Name in Block letters: (Name in Block letters:

kicav,

| Inspection | date $30/6/61$ Time (50) Inspec | ted by | ET: | | <u> </u> | -Pover Sys |
|-------------------------------|---|--------|---------------|-------|----------|------------|
| Site | OUTSING LAWOIMS POINT IN & N4 | | Cont | racte | r: J | -yould sys |
| Weather | | | -, | | | |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| R | nin Storm |
| Temperatu | re °C Humidity High Moderat | te | Lov | v | | |
| Wind | Calm Light Breeze Strong | | | | | |
| GENERAL | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | 1 | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
| | General Requirements | | | | | <u> </u> |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | 1 | | | | |
| · | Stockpiling of dusty materials | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | | | | | |
| | Use of vehicles | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | | | | | |
| | Miscellaneous | | | | | |
| Cap311R: | | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|-----|----|-----|---------|
| Cap3110 | Is open burning prohibited? | | | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|-----|----|----------|----------|
| | Dredged Materials | | 1 | | <u>-</u> | · |
| Cap466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | / | | | |
| Cap466 | Are wastes disposed of at licensed sites? | | / | | | |
| | Construction Waste and Excavated Materials | | | | | · |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | 1 | | | | |
| Сар354 | Are wastes disposed of at licensed sited? | / | | | | |
| | Chemical Waste | | | | | <u> </u> |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | / | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | 7 | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|-----|-----|----|-----|---------|
| EM&A: M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | 1 | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|-----|-----|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | / | | | | _ |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | / | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | / | | | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | / | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | / | | | | |

| Ref | Checklist Condition | | N/A | Yes | No | Unk | Remarks | |
|-------------|--|--|-----|-------------|--------|---------|------------------|--|
| EM&A: O1 | Are the construction activities at landing points N4 & N5 closely monitored to avoid impact on the uncommon and rare plant species Celtis biondii, Pteris dispar and Ardicia pusilla, and the restricted plants Vitis balansaeana, Pterospermum heterophyllum and Rhapis excellsa? | | | | | | | |
| EM&A: O2 | Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located? | | | | | | | |
| EM&A: Q3 | Has regular checking been performed boundaries are not exceeded and surrounding areas? | rmed to ensure that the work site I that no damage occurs to | / | | | | | |
| EM&A: Q4 | Is open fire prohibited and preve boundary during construction? I equipment provided in the work | s temporary fire fighting | 1 | | | | | |
| | | ☐ Traffic | Q | Const | ructio | n activ | ities inside the | |
| <u> </u> | Major noise source(s) | | | site Others | | | | |

VEP: Varied Environmental Permit
Cap311R: APC (Construction Dust) Regulation
Cap311O: APC (Open Burning) Regulation
Cap311: Air Pollution Control Ordinance
Cap466: Dumping at Sea Ordinance

Remark

EM&A: EM&A Manual (Construction Phase)

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

| Remark | | |
|-----------|-----------------------------|-------------|
| N/A | | |
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| | | |
| | | |
| ET Member | Contractor's Representative | |

(Name in Block letters:

CLUAL NEW TERMS

(Name in Block letters:

THEN

| Inspection of | late $23/(1/6)$ Time (5.3) Inspec | ted by | ET: | k | lL | AU |] |
|-------------------------------|---|-------------------|------|-------|------|----------|-------------------|
| Site | DUTSING LANDING POINT IT, No &T | $J_{c_{m{\psi}}}$ | Cont | racto | r. J | four s | <u> 1</u> \$77м.S |
| Weather | | | | | | | - |
| Condition | Sunny Fine Overcast Hazy | | Driz | zle [| Ra | nin Stor | m |
| Temperatu | re 🔃 °C Humidity 🗌 High 🖊 Modera | te | Lov | ٧ | | | |
| Wind | Calm Light Breeze Strong | | | | | | |
| GENERAL | | | | | | | |
| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
| VEP 1.5 | Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? | | 1 | | | | |
| VEP 1.6 | Is a copy of EIA report kept in Engineers' and Contractors' offices on site? | | / | | | | |
| AIR QUALI | Checklist Condition | N/A | Yes | No | Unk | Remarks |] |
| | General Requirements | l | | L | | <u> </u> | - |
| Cap311R: | Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change? | | | | | | |
| Cap311R: Sch 12(3) | A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed? | / | | | | | |
| | Stockpiling of dusty materials | | | | | | |
| Cap311R: Sch 18 EM&A:J1 | Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission? | / | | | | | |
| | Use of vehicles | | | | | | |
| Cap311R: Sch 21(2) | Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? | / | | | | | |
| | Miscellaneous | | | | | | |
| Cap311R: Sch 16 | Are completed earthworks sealed and hydroseeded and planted as soon as possible? | | | | | | |

| Ref. | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|---------|---|-----|-----|----|-----|---------|
| Cap3110 | Is open burning prohibited? | (| | | | |
| Cap311 | Is black smoke emission from plant/equipment avoided? | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | | | |
|---------|---|-----|-----|----|-----|---------|--|--|--|
| | Dredged Materials | | | | | | | | |
| Cap466 | Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? | | / | | | | | | |
| Cap466 | Are wastes disposed of at licensed sites? | | / | | | | | | |
| | Construction Waste and Excavated Materials | | | | | | | | |
| Cap354 | Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection? | / | | | | | | | |
| Cap354 | Are wastes disposed of at licensed sited? | / | | | | | | | |
| | Chemical Waste | - | | | | | | | |
| Cap354C | Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)? | | | | | | | | |
| Cap354C | Has the Contractor registered as a chemical waste producer? | / | | | | | | | |
| Cap354C | Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"? | / | | | | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|-------------|---|-----|-----|----|-----|---------|
| EM&A: M1 | Are rubble mound seawalls constructed for the landing and launching points at Lamma Island? | / | , | | | |

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| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks |
|------------------|---|-----|-----|----|-----|---------|
| EM&A: L1 | Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5? | | | | | |
| EM&A: L2 ~ L5 | Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5? | / | | | | |
| NCO | Are valid construction noise permits, if required, available for inspection? | / | | - | | |
| NCO | Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? | / | | | | |
| NCO | Are valid noise emission labels fixed at air compressors and hand held percussive breakers? | / | | | | |

| Ref | Checklist Condition | N/A | Yes | No | Unk | Remarks | |
|-------------|--|--|---|----|-----|---------|------------------|
| EM&A: O1 | Are the construction activities at monitored to avoid impact on th species Celtis biondii, Pteris disgrestricted plants Vitis balansaea and Rhapis excellsa? | / | | | | | |
| EM&A: O2 | Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located? | | | | | | |
| EM&A: Q3 | Has regular checking been perfo boundaries are not exceeded and surrounding areas? | / | | | | | |
| EM&A: Q4 | Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction? | | | | | | |
| | Major noise source(s) | ☐ Traffic | Construction activities inside t site Others | | | | ities inside the |
| | | Construction activities outside the site | | | | | |

VEP: Cap311R: Cap311O:

(Name in Block letters:

Varied Environmental Permit

Cap311: Cap466:

APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance

EM&A: EM&A Manual (Construction Phase)

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown

| Remark | |
|------------|-----------------------------|
| NIA | |
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| | |
| | |
| Signatures | |
| ET Member | Contractor's Representative |
| | |
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| | |

(Name in Block letters:

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