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:04/90₂ The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

	Weekly Site Inspection Checkli	st				
Inspection	date 5 July Time 6 7:30 Inspected	· }-	ET:	J-	<u>Ç</u> zn	
~ :		L	Contra	ctor:	W. F.	Kwok (TDK)
Site	LMX-Mich. Freetlen Amer LS					
Weather						
Condition	Sunny Fine Overcast Hazy	V	Driz	zle [Ra	ain Storm
Temperatu	rre3 ℃ 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 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 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?	/				

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?					
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		-		
	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?		/			Cleanly Arrived Nu DY.
	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?	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?					
EM&A: A2	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?		/			
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?	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?	/				3 / 10
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?	/				
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?		✓ ·			,,
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?		/								
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?		· /								
	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?	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?	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				
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?	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"?	1		-		
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

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					
EM&A: C1	Are all plant and equipment mai conditions?	ntained in good operating		1			
EM&A: C1/GP	Is idle equipment turned off or the	hrottled down?		1			
EM&A: C1	Are methods of working devised nuisance?	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 di holidays, is either one of the folla a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?		~				
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		~				
NCO	Are valid construction noise perminspection?	nits, if required, available for	~				
NCO	Are conditions of construction no relevant part(s) of the works imp	~					
NCO	Are valid noise emission labels finded percussive breakers?	ixed at air compressors and hand		/			
	Major raise connected	13 / C	Constru site	iction	activit	ies inside the	
	Major noise source(s)	☐ Construction activities outside the site		Others			

Abbreviation

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

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

WDO:

Waste Disposal Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Remark		****			
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,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				 	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(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

Site	date 13 July Job Time 07:30 Inspected	_)ر (Sīn	
Cito	9		Contra	ctor:	W.F.	Kwok (TDK)
Site	LMX-Mech. Exection Area L9	·				
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zzle [Ra	ain Storm
Temperatu	re 33 °C Humidity ✓ 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?		✓			

AIR QUALITY

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?		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?	1						
	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?	V			-			

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?	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?	✓				
	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 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?	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?	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?	~				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	V				

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?	✓								
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?	/								
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?		✓							
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)?		✓			4.00				

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"?		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;	1							
	(2) reusable / recyclable materials;	1							
	(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		L		1	
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?	V				
	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?	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?	/				

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"?	\rightarrow				
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		/			
EM&A: C1	Are all plant and equipment man conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or t	hrottled down?		V			
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		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 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		/				
NCO	Are valid construction noise per inspection?	nits, if required, available for	V				
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		~			
	Major noise source(s)	☐ Traffic		site	ction	activit	ies inside the
	major noise source(s)	Construction activities outside the site	Others				

Abbreviation

(Name in Block letters:

W-5/U

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 Drainage)
Remark			
Signatures			
ET Member	Contractor's Represe	entative	

(Name in Block letters:

C/N:04/9012 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

Inspection	date $19=07-2006$ Time $10=26$ Inspected	` ⊢	ET:	4	MU	
Site	LMX – Mech. Erection Area		Contrac	ctor:	Τ.,	D.IC. CT
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Storm
Temperatu	ure 70 °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?					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	I		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?		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?					
	Construction Sites					
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					Sprag 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?	0				
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?	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?	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?		/			Chaning by py
	Transfer of dusty materials using a belt conveyor system	1				<u>. </u>
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?	0				
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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C:\Documents and Settings\English\My Documents\U9 Safety Management\S-05 Inspection programme\Weekly Site Inspection Checklist.doc

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?		1			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
	Dredged Materials			4						
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?		,							
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?		,							
	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?		7							
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)?		·							

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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?		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					L
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;	V				
	(2) reusable / recyclable materials;					
	(3) un-reusable / non-recyclable waste for landfill disposal.		U			
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?	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?	0	1			

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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?	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?					

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?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?					
EM&A: C1	Are construction works or equipmousance?	nent sited to minimize noise					
EM&A: C1	Are all plant and equipment main conditions?	tained 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		0			
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise		1			
EM&A: C2	To mitigate construction noise du holidays, is either one of the folloa) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	wing measures adopted?		0			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V				
NCO	Are valid construction noise perminspection?	nits, 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 fi held percussive breakers?	xed at air compressors and hand					
	Maior rain annua (2)	☐ Traffic	5	Constr site	uction	activi	ties inside the
=	- Major noise source(s)	☐ Construction activities outside the site		Others			

				•
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94:		nt Plan n Dust) Regulation ng) Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
Unk:	Unknown			
Remark				
				100000000000000000000000000000000000000
Signatures				
ET Member		Contractor's Represe	entative	TECIa Danasastativa
		-		IEC's Representative This site inspection was carried out in the presence of IEC's representative
				in the presence of IEC's representative
		Λ		TOUR
		B	_	(* * * * * * * * * * * * * * * * * * *
Gull	<u>.</u>			Name in Block Letters:
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yn Chi	<u>m</u>)	(Chin chin TB	KYRS6	\sim \sim

Abbreviation

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

Inspection	date 27 July of Time 69:50 Inspected	i By [ET:	W.	SIN	
		_[Contra	ictor:	W. F.	Kwok (TDK)
Site	LMX - Med Zortin her	-				
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zzle	R	ain Storm
Temperat	ure To Humidity High Modera	te	Lov	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?		1			
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	Remark		
	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?		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							
EM&A: Al	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?	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?	/				
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?	/				
	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?	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?		1			Cleaning Provided Ry Piz
	Transfer of dusty materials using a belt conveyor system					2
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	7				
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?	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?	✓				

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?	V				-
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?		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?		/			
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?					<u> </u>
	Storage, collection and transportation of waste					10-22-27
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?	~				
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?	7				
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?	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?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes sche	duled to minimize noise nuisance?		~			
EM&A: C1	Are construction works or equi nuisance?	pment sited to minimize noise		V			,
EM&A: C1	Are all plant and equipment maconditions?	aintained in good operating		V			
EM&A: C1/GP	Is idle equipment turned off or	throttled down?		V			
EM&A: C1	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			
EM&A: C2				1	-		
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	~				
NCO	Are conditions of construction n relevant part(s) of the works imp		1				
NCO	Are valid noise emission labels finded percussive breakers?	ixed at air compressors and hand		~			
	Major noise source(s)	☐ Traffic		site	ction a	ctiviti	es inside the
		☐ Construction activities outside the site	D 0	thers			

Abbreviation

VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Waste Management Pl APC (Construction Du APC (Open Burning) I Air Pollution Control (Practice Note for Profe Unknown	an st) Regulation Regulation	NCO: WDO:	EM&A Manual (Construction P Noise Control Ordinance Waste Disposal Ordinance rainage)	hase)
Remark					
					1 7 7111 7
-					, `
			2.00		
Signatures					
ET Member		Contractor's Representa	ative		
(Name in Block	`\	(Name in Block letters:		•	

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

Site	the thirty of					
Weather Condition Sunny Fine Overcast Hazy Drizzle Rain S Temperature 2°C Humidity High Moderate Low Wind Calm Light Breeze Strong SENERAL Ref. Checklist Condition 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 ElA report kept in Engineer's 14.6 Is	[2] 100 Inc [4-40]	nspected By	ET:	la.	<u>'01/1</u>	In ac Do
Condition Sunny Fine Overcast Hazy Drizzle Rain S Temperature 2°C Humidity High Moderate Low Wind Calm Light Breeze Strong ENERAL Ref. Checklist Condition N/A Yes No Unk Remarks /EP 1.5 Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?	Lux-Superstructure					igo wong
Temperature 2°C Humidity High Woderate Low Wind Calm Light Breeze Strong ENERAL Ref. Checklist Condition N/A Yes No Unk Remarks /EP 1.5 Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?						0 0
Ref. Checklist Condition N/A Yes No Unk Remarks /EP 1.5 Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? /EP 1.6 Is a copy of EIA report kept in Engineers' and G	ure 2°C Humidity High W M Calm Light Breeze St	loderate	Dri:	zzle w	R	ain Stom
Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? EP 1.6 Is a copy of EIA report kept in Engineers' and G			Γ	1		<u> </u>
EP 1.6 Is a copy of EIA report kept in Engineers' and Co.	Has a copy of the most update Environmental Permit been	N/A	Yes	No	Unk	Remarks
	information?		3 /			
	Is a copy of EIA report kept in Engineers' and Contractors' offi on site?	ices				
			<u>*</u>	1	ſ	1
		Checklist Condition Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? Is a copy of ElA report kept in Engineer's at Condition	Checklist Condition N/A Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? Is a copy of ElA report kept in Engineeral and Contact the Co	Sunny Fine Overcast Hazy Drizer 2°C Humidity High Moderate Low Calm Light Breeze Strong Checklist Condition N/A Yes displayed at all vehicular site entrances/exits for public information?	Sunny Finc Overcast Hazy Drizzle ure 2 °C Humidity High Moderate Low Calm Light Breeze Strong Checklist Condition N/A Yes No Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? Is a copy of ElA report kept in Engineeral and Green and Control of the contro	Sunny Finc Overcast Hazy Drizzle R ure 2 °C Humidity High Moderate Low Calm Light Breeze Strong Checklist Condition N/A Yes No Unk Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	Ļ	<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, 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?	<u> </u>				
	Construction Sites					
EM&A:	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
_	Stockpiling of dusty materials	l_	<u> </u>	L		
Гар311R: 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 current professional states of the state of the stat					

Ref.	Checklist Candition	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?	\checkmark				
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: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	V				
	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			
	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?	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?	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&Λ: Λ2	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?	V				
ENI&A:	Are all the conveyor transfer points totally enclosed?	V		-		

))

	N/A Yes No Unk Remarks
Ret.	Checklist Condition
	Miscellaneous Are completed earthworks sealed and hydroseeded and planted as
Cap 31 1 R: Sch 16	soon as possible
Cap3110	Is open burning prohibited?
Cap311	Is black smoke emission from plant/equipment avoided?

);

TE/CH	MICAL WA	STE MANAGE			N/A	Yes	No	Unk	Remarks
	Checklist Con	dition						τ	
	Dredged Mat	erials	possess valid dumpi nem available for in	ng permits for	V				
1P 1&A: E3	dredged man	DC IIIaa			 	-	+-	-	-
11P 1&A: E3	i records/ticke	Ting alana	ete set of dumping ade them available f	for inspection?	1	-	+	-	
И&A: ЕЗ	Are wastes	lisposed of at licen	sed sites?		1				
/MP M&A: E	Does the Construction	ontractor possess and excavi	avated Materials valid Public Dump ated materials and m		V	1			
VMP	Has the Co	ontractor maintaine	ed disposal records i vated materials, and	for the made them					
	available	concrete waste/ex	ccavated material us	ed for on-site			/		
WMP			used as far as possib				V		
WMP	Are the t	ised formworks to l of in a landfill site	e? ble excavated mater	ials disposed of	at			+-+	
WMP	l the pub	lic titling mo-				V			
EM&/	1	stes disposed of at				·			T
WMP	Gener Has th	al refuse le Contractor main ade it available for	tained a disposal rec inspection?	cord for general	refuse	\ 	1		
WAI	1 1	ical Wasius.	within receptacles a				1		
IVAI	P Is the	refuse disposed o	f regularly and prop	at sea prohibited	1?				lh
AVV.		:-at Waste		i	e from	V	7		
EA E.	1&A: Has	relevant authority.	ained the necessary if required, according eneral Regulation!?	ing w - se					\

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 Waster?	V						
EM&Λ: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	V	-					
	Slorage, collection and transportation of waste							
EM&Λ: 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;	V						
	(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?							

WATER QUALITY

):

Reſ	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?	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?	/					
PN 1/94	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					
PN1/94	Groundwater 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	Νo	Unk	Remarks
- · _ - · · -	Boring and Drilling Water					-
P.V.1/94	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 sitt removal facilities?	V				
· .	Wheel Washing Water					
PN 1794	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?	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?	V				

NOISE

)4

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: CI	Are working programmes schedu	uled to minimize noise nuisance?		V			
EM&A: CI	Are construction works or equiponuisance?	ment sited to minimize noise		V			
EM&A: CI	Are all plant and equipment mail conditions?	ntained in good operating		V			
EM&A: CI/GP	Is idle equipment turned off or the	nrottled down?		V			
EM&A: C1	Are methods of working devised and arranged to minimize noise nuisance?						
EM&A: CI)	Are construction works carried on nuisance?	out in a manner to minimize noise		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?		V				
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 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?			V			
ИСО	Are valid noise emission labels held percussive breakers?		V				
	Major noise source(s)	Traffic	[Z	site			rities inside the
		Construction activities outside the site	Others				

Abbreviation

VEP:

Varied Environmental Permit

AMP Cap3TTR: Waste Minnagement Plan

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

NCO: WDO:

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

Noise Control Ordinance Waste Disposal Ordinance

Cap311O, Cap311:

PN1794; Unk:

Air Poliution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Remark

Unknown

Signatures

ET Member

Contractor's Representative

(Name in Block Jetters:

11th November 2002

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

	Weekly Site Inspection Check	dist				
Inspection	on date 15 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	cled E	By ET	12	W/	stra for
Site	LMX Super Structure		Co	ntrac	101.	ingo way
Weather						
Conditio	Overcast Hazy	[Dri	zzle		Rain Stom
Tempera	Moder	ate [Lo	w		
Wind	Calm Light Breeze Strong					
ENERAI						
Ref.	Checklist Condition	NA	Yes	No	ļ	1
/EP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site and permit been		163	140	Unk	Remarks
	displayed at all vehicular site entrances/exits for public information?		1			
EP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?	-	ļ			
 _	on site?				•	
			-4 <u>-</u>			<u> </u>
R QUALI	TTY			 -		
ef.	Checklist Condition	N/A	Yes	N		
		144	1 x 62	140	Unk !	Remarks

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		Ĺ	Ш		icental KS
Cap311R:			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?		V			·
Сар311	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		l	L	<u>l</u> .	
EM&A:	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V	7		
	Stockpiling of dusty materials					
20111R: 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 wer to prevent dust emission?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
<u> </u>	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?	\checkmark				
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: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	V				
	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?		/	,		
	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?	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?	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				
	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
EM&л: Л2						
	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point.	V				

	N/A Yes No Unk Remarks
Rel.	Checklist Condition
Cap.311R:	Miscellaneous Are completed earthworks sealed and hydrosceded and planted as
Sch 16	Is open burning prohibited?
Cap3110	Is open busining p

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\STE/CHI	MI	CAL	, W.	4ST	'E N	1AN	AU									1	N	A	Y	es	Νo	1	Jak	F	lem	ark	5	1
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WNIP EM&A: E3	l ne	as the	5/tici	CHI	B -1.							lable	e fo	r ins	pection)II: 	+	- V	+		\dagger		_					
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WMP EM&A: E	1	const	the fucti	on v	racto vaste 7	and	exc:	avale	ed m	nalci	rials	and	ma		cense avai	for able		V	/	-			\ - 		+			
WMP		Has	the (ont	racto		n?											+	<u>/</u>	1		-	-		1			
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EMA	: E3	- 1				pose													ـــــــــــــــــــــــــــــــــــــ					<u> </u>		7		
		- -	Gene	ral	refu:	actor	nıa	inta	incd	a d	ispo	sal r	eco	ord fo	or gen	eral	ref	use			1	/	·					
WMP			and	mad	e it a	vaila	ble	for u	nspe	n rec	cepta	ncles		d se	 parate	d fro)(1)		1		1,	V	1					
1741	,		1 -	~.i~^	เมงา	stes?													+			/	1					
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E			10	hei 'hei	nical	lue n SaVV	ae i ((Ġen	ıcral 	Rej	eula:	non-): 							1		1		1	; -			

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		!	-	
ЕМ&Л: Е4	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></u>		· · · ·		
EM&Λ: 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;	V				
	(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?	/				

WATER QUALITY

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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 exeavations discharged into storm drains via silt removal facilities?					
PN1794	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 scaled 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				
PN 1/94	Groundwater 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	Νn	Unk	Remarks
	Boring and Drilling Water					
15/1/61	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 sitt removal facilities?	V				
	Wheel Washing Water				1 · · ·	
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?		~			

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?	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"?	~		<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?	V				

NOISE

);

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes schedu	led to minimize noise nuisance?		V			
EM&A: CI	Are construction works or equipm nuisance?	nent sited to minimize noise		V			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		V	-		
EM&A: CI/GP	Is idle equipment turned off or the	rottled down?		V			
EM&A: CI	Are methods of working devised nuisance?	and arranged to minimize noise		V			
EM&A: CI)	Are construction works carried or nuisance?	ut in a manner to minimize noise		V			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	owing measures adopted?		V			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V				
NCO	Are valid construction noise perminspection?	nits, if required, available for		√			
NCO	Are conditions of construction no relevant part(s) of the works imp			V	,		
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		V	1		
		☐ Traffic	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Const site	ructio	on acti	vities inside the
	Major noise source(s)	Construction activities outside the site		Other	rs		

Page 6 of 7

Abbreviation

VEP:

Varied Environmental Permit

 $\Delta {\rm MP}$

Waste Management Plan

APC (Construction Dust) Regulation

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

Cap3TTR: Cap3 11O.

APC (Open Burning) Regulation

NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance

Cap311:

Air Pollution Control Ordinance

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:

World Ho Haria

11th November 2002

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

Weekly Site Inspection Checklist

Inspecti Site	ion date 197500 Time (0:30 Inspe	cted (J	· —	ntrac	ury	long, P
Weathe.	ſ					
Conditio	on Sunny Fine Overcast Hazy	[D	izzle		Rain .
Temper	ature C Humidity High Moden	ate [ow		•
Wind	Calm Light Breeze Strong	••• L		ow		
GENERA	L					
Reſ.	Checklist Condition	Τ				
VEP 1.5	Has a copy of the most undate Environmental Province	N/A	Yes	No	Unk	Remarks
	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	!		1_	1	
R OHAT] <u> </u>		
-		Nu				
	LITY Checklist Condition	N/A	Yes	No	Unk	Remarks
ef.	LITY	N/A	Yes	No	Unk	Remarks
ap311R:	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form 2.15th	N/A	Yes	No	Unk	Remarks
ap311R:	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 merce. In this	N/A	Yes	No	Unk	Remarks
ap311R: ap311R: h 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 where	N/A	Yes	No	Unk	Remarks
ap311R: ap311R: h 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?	N/A	Yes	No	Unk	Remarks
IR QUAI Ref. Cap311R: ap311R: ap311R: t&A:	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 processes.	N/A	Yes V	No	Unk	Remarks

Page 1 of 7

Ref.	Checklist Condition	NW	Yes	No	Unk	Remarks
	Coment and dry pulverized fuel ash (PFA)					
Cap311R; Seli 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V		i i		
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?	\checkmark				
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: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	V				
	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	, [
	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?	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 I in?	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?	V				
	1	.1				

,	N/A Yes No Unk Remarks
net.	Checklist Condition
	Miscellaneous Are completed earthworks sealed and hydroseeded and planted as
Cap311R: Sch 16	Are completed earning.
Cap3110	hypping prohibited?
Cap311	Is black smoke emission from plant/equipment avoided?
Сары	

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STE/CHI	MICAL WASTE MANAGEMENT		N/A	Yes	No	Unk	Remarks	Į
ef	Checklist Condition					Υ		
	Dredged Materials Does the appropriate contractor possess valid du and have them available for	mping permits for						1
/MP M&A: E3	dredged marine mud and		V	-	1	1		
VNIP EM&A: E3	Has the contractor kept a complete set of dumpi records/ticketing system and made them available	ole for inspection:	tv	+	+	+		
EM&A: E3	Are wastes disposed of at licensed sites?		10	ا-		h		\dashv
WMP EM&A: E3		id make it available	V			_		
WMP	Has the Contractor maintained disposal recorconstruction waste and excavated materials, available for inspection? Is suitable concrete waste/excavated materials.			/ - - -				
IVMP	Is suitable concrete waste/excavated material reclamation/filling works? Are the used formworks reused as far as po				· /	-		
WMP	Are the used formworks read disposed of in a landfill site? Are the remaining unsuitable excavated management of the control of the site			 _/		+-1		
WMP	the public filling at all				\ \ \	-		
EM&A								
	General refuse Has the Contractor maintained a disposal	record for general	refuse		1			
NMP	Has the Contractor maintained and made it available for inspection? Is general refuse stored within receptact	es and separated fro	m	-	1	1		
WNIE	Is general refuse stores chemical wastes? Is the refuse disposed of regularly and page 1.					1	_	
IVM	Is the refuse disposed of regions Are burning of refuse at site and dump	ing at sea prohibited	1'?					
WM	Chemical Waste Has the contractor obtained the necess	ary disposal permit ording to Waste Dis	s from	1	1			
E3	the relevant authority. If required the relevant authority. (General Regulation (Chemical Waste))	n1?		\	\		}	

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?	/				
<u></u>	Storage, collection and transportation of waste	L				
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;	1/				-
	(3) un-reusable / non-recyclable waste for landfill disposal.	1	ļ			
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?	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 crosion 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?					
PN 1794	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?	V				
PN 1794	Groundwater 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	 	 			
₽ <u>₩</u> 1794	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					
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?		~			

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?	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?	V				

NOISE

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Ref	Checklist Condition		N/A	Yes	Nο	Unk	Remarks
EM&A:	Are working programmes schedu	led to minimize noise nuisance?		V			
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise		V			
EM&A: Cl	Are all plant and equipment main conditions?	tained in good operating		V			
EM&A: CI/GP	Is idle equipment turned off or the	rottled down?		V			
EM&A: CI	Are methods of working devised nuisance?	and arranged to minimize noise		V			
EM&A: CI)	Are construction works carried or nuisance?	ut in a manner to minimize noise		V			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some powersensitive time periods?	wing measures adopted?		V			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V				
NCO	Are valid construction noise perminspection?	nits, if required, available for		√			
NCO	Are conditions of construction no relevant part(s) of the works impl			V			
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		V			
	Major noise source(s)	Construction activities	<u>□</u>	Const site Other		on activ	rities inside the

Abbreviation

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·	1 - 1	•

Varied Environmental Permit

MAR

Waste Management Plan

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

Cap311R: Cap311O

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

NCO: WDO: Noise Control Ordinance Waste Disposal Ordinance

Cap311:

Air Pollution Control Ordinance

I'N1794;

Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

Remark

Signatures

ET Member

Contractor's Representative

IEC's Representative

This site inspection was carried out in the presence of IEC's representative

)

(Name in Block letters:

Name in Block I

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	Inspection of the Superstructure	cted By	<u> </u>		India lor:	long Poc ingo Won	1
Weather	·				·	· · · · · · · · · · · · · · · · · · ·	_
Condition Tempera Wind GENERAL	ture Calm Light Breeze Strong	sie [Dri:	zzie w	R	ain Stor	ın
Ref.	Checklist Condition	N/A	Yes	Ī.,			l
VEP 1.5	Has a copy of the most update Environmental Permit been		1 63	No	Unk	Remarks	
Von	information?		<u>/</u>				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V				

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u> </u>	<u> </u>	لـــــــــــــــــــــــــــــــــــــ		
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?		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?		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					
EMBA:	Are haul roads paved with concrete or sprayed with water to keep the entire road we!?		V			
	Stockpiling of dusty materials					
ap311R: , ch 18	Are stockpries 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 well to prevent dust emission?					

Ref.	Checklist Condition	NIV	Yes	No	Unk	Remarks
	Cement and dry pulverized foel 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?	\checkmark				
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&Λ: Λ1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	V				
	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?	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?	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:	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	V				

•	N/A Yes No Unk Remarks
Ref.	Checklist Condition
	Miscellaneous Are completed earthworks sealed and hydroseeded and planted as
CapALIR: Seh 16	soon as possible.
Cap31 10	
Cap311	Is black smoke emission from plant/equipment avoided?

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STE/CH	MICAL WASTE MANAGEMENT	N/A	Yes	No	Unk	Remarks
·f	Checklist Condition	_ 				
	Dredged Materials Does the appropriate contractor possess valid dumping permits for Does the appropriate contractor possess valid dumping permits for inspection?	TV				
MP M&A: E3	dredged marine mad	T ,	-	+-	+-	
VNIP :M&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	IV	+	+	-	-
M&A: E3	Are wastes disposed of at licensed sites?	V		l_	L 	
	Construction Waste and Excavated Materials Construction Waste and Excavated Materials	r	1	T		
WMP EM&A: E	Does the Contractor possess a valid 1 construction waste and excavated materials and make it availab	le V				
	for inspection?		1			
WMP	construction waste and					
WMP	Is suitable concrete waste/excavated material used for on-site			✓ 	1	
	formworks reused as far as possible before being	g	1	V		
WMP					+-1	
WMP	Are the remaining unsuitable excavated materials disposed of the public filling areas?		<u>v</u>	-		
EMEA				<u> </u>		T
WMP	General refuse Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained a disposal record for general Has the Contractor maintained and the Contractor maintained a disposal record for general Has the Contractor maintained and the Contractor maintained a disposal record for general Has the Contractor maintained and the Contractor m	l refuse		1		
With	Has the Contractor maintained and made it available for inspection? Is general refuse stored within receptacles and separated f		 	l		
WMI	l -banical wastes:			1	1	-
WM	Is the refuse disposed of regularly and properly? Are burning of refuse at site and dumping at sea prohibit	cd.;				
WM	Chamical Waste	its from		7		
EN E3	&A: Has the contractor obtained the necessary disposal period the relevant authority, if required, according to Waste D (Chemical Waste) (General Regulation)!	•2 •••••				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks		
WDO	Has the Contractor been registered as a chemical waste producer?		-					
EMI&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 ¹⁷ ?	V						
EM&Λ: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/						
	Slorage, 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						
	(I) public fill materials for on-site reuse, or disposal at public filling area;	V						
	(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?							

WATER QUALITY

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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?	~				
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?	/				
PN 1/94	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				
PN 1794	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	V				

Ref	Checklist Condition	NIA	Yes	Nο	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	1				
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?		/			

MARINE ECOLOGY

Ref	Checktist 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?	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

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A:	Are working programmes schedul	ed to minimize noise nuisance?		V				
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: CI/GP	Is idle equipment turned off or the	rottled down?		V				
EM&A: CI	Are methods of working devised nuisance?	and arranged to minimize noise		V				
EM&A: CI)	Are construction works carried or nuisance?	it in a manner to minimize noise		V				
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?						
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V					
NCO	Are valid construction noise perm inspection?	nits, if required, available for		√				
NCO	Are conditions of construction no relevant part(s) of the works impl			V				
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand						
	Major noise source(s)	Construction activities		Const site Other		on activ	rities inside the	

Abbreviation

VEP:

Varied Environmental Permit

VMP

Waste Management Plan

Cap311R: Cap311O.

APC (Construction Dust) Regulation

APC (Open Burning) Regulation

Cap311: PN1/94: Unk:

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

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

Noise Control Ordinance

Waste Disposal Ordinance

NCO:

WDO:

Unknown

Remark

Signatures

ET Member

Contractor's Representative

(Name in Block Joners:

(Name in Block letters:

11th November 2002

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

Inspection	Inspect of the of the Inspect	ted By			F CH	u /PDE :	
Site	LMX-19 ELETRICAL EXECTION AREA.		Con	tract	or: P	ETER CHENG	YSmuko)
Weather		•	· · · · · · · · · · · · · · · · · · ·			* 4	-
Condition	Sunny Fine Overcast Hazy		Driz	zzle	R	ain Stor	m
Temperat	ure 30 °C Humidity 1 High Modera	ite	Lo	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 ———— Ref.	Checklist Condition	NI/A	Vas	N/o	WT_t_	DI	
	General Requirements	N/A	Yes	No	Unk	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 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			<u>I</u>			
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			Water Spray Provided By	ing Faul Y
	Stockpiling of dusty materials					O	
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?	V					
	· · · · · · · · · · · · · · · · · · ·						

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)			<u>.l</u>	<u></u>	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?	V				27
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				· <u>f</u>
	Loading, unloading or transfer of dusty materials	<u> </u>		L		
Cap311R:	Are dusty materials, except cement and dry PRA enroyed with					
Sch 19	water immediately prior to any loading, unloading or transfer operation?	V				
EM&A: Aİ	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?	,	/	•	Ja.	hal Vaction
	Transfer of dusty materials using a belt conveyor system				1/2	y rank Y.
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/		_		
Cap311R: ch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					
Cap311R: ch 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		-		
ap311R: ch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?			 		
	Concrete batching plant					
M&A: 2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
M&A:	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
/1&A:	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/		-		
1&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?	V				
Cap311O	Is open burning prohibited?		V			*
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?					
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?	√			•	
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?	/				
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?		/			
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?	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?	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				
	(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?	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?	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?	v				
PN1/94	Groundwater 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					4
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"?	y				
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

Q.,

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes schede	uled to minimize noise nuisance?		V			
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		U			
EM&A: C1	Are all plant and equipment mail conditions?	ntained in good operating		J			** . *
EM&A: C1/GP	Is idle equipment turned off or th	nrottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	orking devised and arranged to minimize noise		J			
EM&A: C1)	Are construction works carried o nuisance?	onstruction works carried out in a manner to minimize noise nce? Itigate construction noise during Sunday's and public					
EM&A: C2	holidays, is either one of the folk a) Mitigation by portable noise	er one of the following measures adopted? by portable noise barriers at noise sources or ing of some powered mechanical equipment to less					
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		J				
NCO	Are valid construction noise perr inspection?	nits, if required, available for	<i>V</i>				
NCO	Are conditions of construction no relevant part(s) of the works imp		J				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			_	;		
		☐ Traffic					ties inside the
	Major noise source(s)	Construction activities outside the site					

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R: Cap311O:

APC (Construction Dust) Regulation

APC (Open Burning) Regulation Air Pollution Control Ordinance

Unknown

Cap311: PN1/94: Unk:

Practice Note for Professional Persons (Construction Site Drainage)

NCO:

WDO:

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

Noise Control Ordinance

Waste Disposal Ordinance

Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

TF CHIU

PDE

12th January 2005

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

Inspection	date RJuly 3006 Time 09:10 hrs Inspec	ted By	—	7.	F. CHI	u/19E	7
Site	LMX- 19 Electron Fren.		Con	dacu	<u>σι. γ</u>	TER CHEN EN	ISANKO,
Weather						4	
Condition	Sunny Fine Overcast Hazy		Driz	zie	R	ain Sto	rm
Temperat	ure 30 °C Humidity High Modera	ite	Lov	v			
Wind	Calm Light . Breeze Strong						
GENERAL					-		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	7
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							ד
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?		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?	/					
	Construction Sites	,					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			Uder Spray, Provided By	Y Pauly
	Stockpiling of dusty materials					U	1.
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)			1	l	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?	V				**************************************
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fifted 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	J	<u> </u>	<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?	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?		J	4	,	Wheel Wash Services Pro
	Transfer of dusty materials using a belt conveyor system	 \.	<u></u>		I	the source
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?	U		-		· ·
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	7				
	Concrete batching plant					
EM&A: \2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	v				
ŀ	Are dusty materials, except cement and dry PFA, wetted by water			+	_	
EM&A: A2	spray system?	v				
		V .				

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?									
Cap311	Is black smoke emission from plant/equipment avoided?		-4/			· .				

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials .	- 1			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				<u> </u>
	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?	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?	S				
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?		J			•
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		V			
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?	J						
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&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						
	(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.					11-18-12-1		
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		l	l .		
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	U				
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?	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?	1				
PN1/94	Groundwater					
F1X1/94	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			ļ —	†	
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?	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?	1				

NOISE

 $\mathbb{Q}_{i,j}$

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		V			
EM&A: Cl	Are construction works or equip nuisance?	ment sited to minimize noise	,	V .			
EM&A: C1	Are all plant and equipment mai conditions?	ntained in good operating		1			**
EM&A: C1/GP	Is idle equipment turned off or the	hrottled down?		V			
EM&A: Ci	Are methods of working devised nuisance?	and arranged to minimize noise		S			
EM&A: C1)	Are construction works carried on nuisance?	itigate construction noise during Sunday's and public					
EM&A: C2	holidays, is either one of the foll a) Mitigation by portable noise	Rescheduling of some powered mechanical equipment to less					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		1				
NCO	Are valid construction noise perminspection?	nits, if required, available for	V				
NCO	Are conditions of construction no relevant part(s) of the works imp	oise permits, if any, for the lemented accordingly?	V				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?						
	Major noise source(s)	☐ Traffic	1	Constr site	uction	activi	ties inside the
	iviajoi noise source(s)	Construction activities		Others			

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

APC (Construction Dust) Regulation

NCO:

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

Cap311R: Cap311O:

APC (Open Burning) Regulation Air Pollution Control Ordinance

Cap311: PN1/94:

WDO:

Waste Disposal Ordinance

Unk:

Practice Note for Professional Persons (Construction Site Drainage) Unknown

Remark			-		
		•		·	** * #
					
		•			
	 ,				

Signatures

ET Member

Contractor's Representative

12th January 2005

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

Inspection	date 1967a/13en Time 10:38/15 Inspec	eted By	-	T.	E CHI	u/poe]
Site	LMX- LP Electrical Exectionstrea		Con	uacu	or. PZ	TER CHERAS	_ Mkd
Weather		·					-
Condition	Sunny Fine Overcast Hazy		Driz	zzle	R	ain Stor	m
Temperat	ure [3]] °C Humidity √ High Moders	ate	Lo	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	}
	General Requirements	l					į
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?	/					
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	<u> </u>	1				
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		J		,	Water Toray? Provided by ?) NY
	Stockpiling of dusty materials		L		1	- 1 m	~ (.
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		i			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	•	<u> </u>			·•
Cap311R: Seh 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				\$7 \$2
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	. <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?	1				
	Use of vehicles	<u> </u>	I			
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?					Chal Wat
	Transfer of dusty materials using a belt conveyor system					9 11
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?	V				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				71.6
	Concrete batching plant	,L	1			
EM&A:	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1			:	
A2	,	_			J	
A2 EM&A:	Are dusty materials, except cement and dry PFA, wetted by water spray system?	v				

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?		1			• .
Cap311	Is black smoke emission from plant/equipment avoided?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials				<u> </u>	<u> </u>
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?	V				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	✓			4	
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	r	••			
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?					<u></u>
 -	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?		ΔZ			
	Chemical Waste		· V			
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?	1,				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V			į	
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				
	(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	1				
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?	~				
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?	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?	1		•		

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"?	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				-

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	luled to minimize noise nuisance?		J			7 471
EM&A: C1	Are construction works or equip nuisance?	oment sited to minimize noise		<i>J</i>			,
EM&A: C1	Are all plant and equipment mai conditions?	intained in good operating		U			** - #
EM&A: CI/GP	Is idle equipment turned off or t	hrottled down?		√			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1			
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise		U			
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?	owing measures adopted?	1				
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment ers?	J				
NCO	Are valid construction noise pen inspection?	mits, 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		,			
		☐ Traffic	1	Constr site	uction	activi	ties inside the
	Major noise source(s)	Construction activities outside the site		Others			r gales facilities

Abbievianon			
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 (Cor Unknown	NCO: WDO:	EM&A Manual (Construction Phase Noise Control Ordinance Waste Disposal Ordinance Orainage)
Remark			
		····	

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- N			
····			
Signatures		······································	
ET Member	Contractor's Represen	ntative	IEC's Representative This site inspection was car in the presence of IEC's rep
	<i>i</i> 0		Torch

12th January 2005

(Name in Block letters:

PDE

T. F. CHIU

)

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

Inspection	date ILJuly 2006 Time Of: 15 has Inspec	ted By	-		7. F. C	HIU /PDE.
Site	LMX-L9 Electron/ Frection Area		Con	tract	or: p _ê	TER CHENGY SINK
Weather		···········			<u></u>	···
Condition	Sunny Fine Overcast Hazy		Driz	zzle	R	ain Storm
Temperat	ure 30 °C Humidity High Moder	ate	Lo	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?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/	-		
AIR QUAL		<u> </u>				
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: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/		F	Water Spraying Trovided By Fauly.
	Stockpiling of dusty materials		L	L		mull.
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	Rem	arks
	Cement and dry pulverized fuel ash (PFA)	· · · · · · · ·	·	<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?	/					
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					4
	Loading, unloading or transfer of dusty materials	<u>1</u>				<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?	/					<u></u>
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	<u> </u>		I.			
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	,		Whee Service	Week
	Transfer of dusty materials using a belt conveyor system	<u></u>			1	Hy Ka	- Y
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?	<i>V</i>					
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?	5				· .	
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting	- / 	_	-	_		
	mechanism to maintain the dropping height within 1 m?						
	mechanism to maintain the dropping height within 1 m? Concrete batching plant						<u> </u>
Sch 20(4)	mechanism to maintain the dropping height within 1 m?	v					
EM&A: 12 EM&A:	Concrete batching plant Are the loading, unloading, handling, transfer or storage of any						
	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	<i>y</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?	V:							
Cap3110	Is open burning prohibited?		V.						
Cap311	Is black smoke emission from plant/equipment avoided?					22			

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?	~				
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?	V				
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?	J				
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?		/			
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?	V				
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"?	U				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1				,
	Storage, collection and transportation of waste	<u> </u>				
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				
	(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?	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?	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?	J				
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	\vdash			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?	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?	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				

Checklist Condition		N/A	Yes	No	Unk	Remarks
Are working programmes sched	uled to minimize noise nuisance?		V			4.
Are construction works or equip nuisance?	ment sited to minimize noise		√			
Are all plant and equipment main conditions?	ntained in good operating		1			-" . #
Is idle equipment turned off or the	nrottled down?		V			
Are methods of working devised nuisance?	and arranged to minimize noise		1			
Are construction works carried o nuisance?	out in a manner to minimize noise		J			
holidays, is either one of the folk a) Mitigation by portable noise	owing measures adopted? e barriers at noise sources or	/				
		V				,,,,,
Are valid construction noise permisspection?	nits, if required, available for	V				
		V				
Are valid noise emission labels for held percussive breakers?	ixed at air compressors and hand	1				
	☐ Traffic	ŀ		uction	activi	ties inside the
Major noise source(s)	Construction activities					
	Are construction works or equip nuisance? Are all plant and equipment mai conditions? Is idle equipment turned off or the construction works carried on nuisance? Are construction works carried on nuisance? To mitigate construction noise definition of the followay in the construction of the followay in the construction of the followay in the construction of the conditions of construction of the conditions of the conditions of the construction of the conditions of t	Are all plant and equipment maintained in good operating conditions? Is idle equipment turned off or throttled down? Are methods of working devised and arranged to minimize noise nuisance? Are construction works carried out in a manner to minimize noise nuisance? 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? To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers? Are valid construction noise permits, if required, available for inspection? Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	Are construction works or equipment sited to minimize noise nuisance? Are all plant and equipment maintained in good operating conditions? Is idle equipment turned off or throttled down? Are methods of working devised and arranged to minimize noise nuisance? Are construction works carried out in a manner to minimize noise nuisance? 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? 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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? To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers? Are valid construction noise permits, if required, available for inspection? Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? Are valid noise emission labels fixed at air compressors and hand held percussive breakers? Traffic Construction noise source(s)	Are construction works or equipment sited to minimize noise nuisance? Are all plant and equipment maintained in good operating conditions? Is idle equipment turned off or throttled down? Are methods of working devised and arranged to minimize noise nuisance? Are construction works carried out in a manner to minimize noise nuisance? 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? To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers? Are valid construction noise permits, if required, available for inspection? Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? Are valid noise emission labels fixed at air compressors and hand held percussive breakers? Traffic Construction site	Are construction works or equipment sited to minimize noise nuisance? Are all plant and equipment maintained in good operating conditions? Is idle equipment turned off or throttled down? Are methods of working devised and arranged to minimize noise nuisance? Are construction works carried out in a manner to minimize noise nuisance? 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? To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers? Are valid construction noise permits, if required, available for inspection? Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly? Are valid noise emission labels fixed at air compressors and hand held percussive breakers? Traffic Construction activisite

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

APC (Construction Dust) Regulation

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

Cap311R: Cap311O: Cap311: PN1/94:

APC (Open Burning) Regulation

Noise Control Ordinance NCO: 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:

12th January 2005

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

Inspect	ion date 7 Jul 2006 Time 0 3 30 Inspecto	ed By	ET:		. W.	Chu.
Site	LMX - Gas Rocenzay Station		Contr	actor	:: W. F.	. Kwok (TDK
Weathe	r	,			····	
Condition	on Sunny Fine Overcast Hazy		Dri	zzle	R	ain Stor
Temper	ature ☐ °C Humidity ☐ High ☐ Moder	ate [Lo	w		
Wind	Calm Light Breeze Strong					
GENERA	L	· · · · · · · · · · · · · · · · · · ·		-		······ <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?					
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	Pamarka
	General Requirements	N/A	Yes	N ₀	Unk	Remarks
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					
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
ļ	Cement and dry pulverized fuel ash (PFA)	 .		<u> </u>	l	
Cap311R Sch 15(3)						
Cap311R Sch 15(4)		/				
Cap311R Sch 15(2)						
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?	V				
	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/		10	Cleany Austot
	Transfer of dusty materials using a belt conveyor system					7 60
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	<i>'</i>				
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?	<u> </u>				
	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: 12	Are dusty materials, except cement and dry PFA, wetted by water spray system?			 		
M&A:	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?					
M&A:	Are all the conveyor transfer points totally enclosed?			+	_	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					<u> </u>
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?	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?					
	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?	/				<u></u> -
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?					
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?					
WMP	Is the refuse disposed of regularly and properly?	7		+		
WMP	Are burning of refuse at site and dumping at sea prohibited?			工		
· · · · · · · · · · · · · · · · · · ·	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?								
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		7	T					
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;	7		<u> </u>		- · · · · ·			
,	(3) un-reusable / non-recyclable waste for landfill disposal.		7	\dashv	-				
E M&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	Νo	Unk	Remarks
	Surface Run-off				-1 /	· · · · · · · · · · · · · · · · · · ·
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?	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?					
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	 	<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	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?	1				<u> </u>

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?			<u></u>		
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?					

Ref	Checklist Condition	•	N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sche	duled to minimize noise nuisance?	-	1			
EM&A: C1	Are construction works or equi nuisance?	pment sited to minimize noise		1			
EM&A: C1	Are all plant and equipment maconditions?	aintained in good operating		/			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
EM&A: C1/GP	Is idle equipment turned off or	throttled down?		7			
EM&A: C1	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							
EM&A: C3	To mitigate night time construct equipped with silencers or muff	ion noise, is dredging equipment lers?	/				
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	oise permits, if any, for the olemented accordingly?					
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand					·
	Major noise source(s)	☐ Traffic ☐ Construction activities outside the site		Construe site Others	ction a	ctivitio	es inside the

Abbreviation

VEP:

Varied Environmental Permit

WMP:

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

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							
	 					<u>.</u>	
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						,	<u>.</u>
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					- · · · · · · · · · · · · · · · · · · ·		
Signatures	 						

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

Noise Control Ordinance Waste Disposal Ordinance

ET Member

Contractor's Representative

(Name in Block letters:

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

spection dat	e 05/07/06 Time 09:30 Inspected		ET: E		Kade	n
te	Transmission Route (Civil Work)					
eather		· ·	*			
ondition	Sunny Fine Overcast Hazy		Drizz	le [Rai	n Sto
emperatur	e 30 °C Humidity High Moderate	-	Low			
Vind	Calm Light Breeze Strong					
ENERAL				,		. <u>-</u> <u>-</u>
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
/EP 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		,			ļ
	on site?					
IR QUALI	on site?	N/A	Yes	No	Unk	Remarks
IR QUALI	TY Checklist Condition General Requirements	N/A		No	Unk	Remarks
IR QUALI	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? If yes, did the contractors notify EPD of the	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		No	Unk	Remarks
IR QUALI	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is the iffed as a notified EPD of the construction of the image.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		No	Unk	Remarks
IR QUALI Ref. 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? If yes, did 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. Has this been observed?	<i>\</i>		No	Unk	Remarks
IR QUALI Ref. 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? If yes, did 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. Has this been observed?	<i>\</i>		No	Unk	Remarks
IR QUALI Ref. Cap311R: Cap311R: Sch 12(3) Cap311R: Sch 18	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials 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? Lise of vehicles	<i>\</i>	Yes	No	Unk	Remarks
IR QUALI Ref. Cap311R: Cap311R: Sch 12(3) Cap311R: Sch 18	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials 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?	<i>\</i>	Yes	No	Unk	Remarks
IR QUALI Ref. Cap311R: Cap311R: Sch 12(3) Cap311R: Sch 18 EM&A:J1	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials 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	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Yes	No	Unk	Remarks

_		_	
/			<u> </u>
	/		

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?	✓	<u> </u>			
	Construction Waste and Excavated Materials		<u>, — </u>	, -		
Сар354	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?		/			<u> </u>
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	Checklist Condition	<u> </u>				
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?	/				
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?	V				

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at land monitored to avoid impact on the un species Celtis biondii, Pteris dispar restricted plants Vitis balansaeana, i and Rhapis excellsa?	common and rare plant and <i>Ardicia pusilla</i> , and the		*			
EM&A: O2	in good condition along the boundar prevent tipping, vehicle movements	es erected in accordance with the Hoarding Plan and kept condition along the boundary of construction sites to ipping, vehicle movements, and encroachment of a linto adjacent wooded areas, particularly where the rare, on and restricted plant species are located?					
EM&A: Q3	Has regular checking been performed boundaries are not exceeded and the surrounding areas?	ed to ensure that the work site at no damage occurs to		\			
EM&A: Q4	Is open fire prohibited and prevente boundary during construction? Is to equipment provided in the work are	mporary fire fighting		~	/		
		Traffic	T		nstruc site	ction a	ctivities inside
	Major noise source(s)	Construction activities outside the site		Ot	hers:		

Abbreviation

VEP: Cap311R:

Cap3110: Cap311:

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

Unknown Unk:

Remark

Cap466:

Signatures

ET Men

(Name in Block le

Assistant Resident Engineer

Contractor's Representative

Orame in Block letters:

C.K.LAW Engineer

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

Inspection of	date 12/07/06 Time 09:30 Inspected by ET: Eric Dai						
Site	Transmission Route (Civil Work)		Cont	racto	r: Kad	en	
Veather							
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	nin Sto	
Temperatu	re 30 °C Humidity High ✓ Moderat	e	Low	/			
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 QUAL	Checklist Condition	N/A	Yes	No	Unk	Remarks	
	General Requirements	<u> </u>	<u> </u>	J			
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:	Is every load of dusty material on the vehicles leaving the			1			

construction site covered entircly by clean impervious sheeting?

Are completed earthworks sealed and hydroseeded and planted as

Sch 21(2)

Cap311R:

Sch 16

Miscellaneous

soon as possible?

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Сар311О	Is open burning prohibited?		1			
Cap311	Is black smoke emission from plant/equipment avoided?		1			

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?	1							
Cap466	Are wastes disposed of at licensed sites?	1							
	Construction Waste and Excavated Materials								
Сар354	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?	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
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?	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 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 disparestricted 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 bounds 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?					
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?			1			
		Traffic	Construction activities the site				tivities inside
	Major noise source(s)	Construction activities outside the site		Oth			

Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap311O: 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

Unk: Unknown

nark			
		_	
			
	 , ,		
on "			

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

Eric, K Y Dai

Assistant Resident Engineer

Name in Block letters:

20th December 2001

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

Inspection of	date 19/07/06 Time 09:30 Inspect	ed by		ET: Eric Dai			
			Cont	racto	r: Kad	en	
Site	Transmission Route (Civil Work)						
Veather							
Condition	Sunny Fine Overcast Hazy		Driz:	zle [Ra	in Storr	
Temperatu	re 32 °C Humidity High Moderat	e	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	1				<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	<u> </u>		Ţ		· · · · · · · · · · · · · · · · · · ·	
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)							
Sen 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	~					
Sen 21(2)	Is every load of dusty material on the vehicles leaving the	*					

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

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?	1							
	Construction Waste and Excavated Materials	•							
Сар354	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
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?	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?	V				
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?	~				

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Ot	Are the construction activities at la monitored to avoid impact on the u species Celtis biondii, Pteris disparestricted plants Vitis balansaeana, and Rhapis excellsa?	ncommon and rare plant rand Ardicia pusilla, and the		1			
EM&A: O2	Are fences erected in accordance win good condition along the bounds prevent tipping, vehicle movement personnel into adjacent wooded are uncommon and restricted plant spe		√				
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	/	Construction activities in		tivities inside	
· · ·	- Major noise source(s)	Construction activities outside the site		Others:			

Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap311O: 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

Unk: Unknown

Remark		
Signatures		 ,
ET Member	Contractor's Representative	
W.	Jan	
(Name in Block letters: Eric, K Y Dai	(Name in Block letters:	
Assistant Resident Engineer	(Name in Block letters: (K.LA) Engineer.	

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

Inspection of	date 26/07/06 Time 09:30 Inspected by ET: Eric Dai Contractor: Kaden							
Site	Transmission Route (Civil Work)							
/eather								
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain St		
Гетрегаtu	re 33 °C Humidity High Moderat	ie _	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 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?		1					
AIR QUAL 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?	1						
	Stockpiling of dusty materials			, .				
Cap3f1R: 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 hydrosceded 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?	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?	V						
	Chemical Waste							
Сар354С	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?	'				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: Ll	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?	/				in the second

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	monitored to avoid impact on the u species Celtis biondii, Pteris dispar	tivities at landing points N4 & N5 closely fact on the uncommon and rare plant Pteris dispar and Ardicia pusilla, and the alansaeana, Pterospermum heterophyllum					
EM&A: O2	Are fences crected 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 to ensure that the work site boundaries are not exceeded and that no damage occurs to 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?			1			
	Traffic	Traffic	✓	Con the		ion act	tivities inside
	Major noise source(s)	Construction activities outside the site		Oth	ers:		

Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap311O:

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

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	late 7/7/06 Time 0:30 Inspect	ted by	ET:		< (l]]
Site	OUTSOUR LOWOND POINT I, No 2N4	•	Cont	racto	r:	-POWERS	ys10vis.
Weather							•
Condition	Sunny Fine Overcast Hazy	Z	Driz	zie [Ra	nin Stor	m
Temperatu	re Zo °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
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks]
	General Requirements		<u> </u>				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	•	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?					
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	-			<u>-</u> <u>-</u>
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?	/				•
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	monitored to avoid impact on the species Celtis biondii, Pteris dis	t landing points N4 & N5 closely the uncommon and rare plant spar and Ardicia pusilla, and the sma, Pterospermum heterophyllum	/				
EM&A: O2	in good condition along the bou prevent tipping, vehicle movement	ents, and encroachment of areas, particularly where the rare,	1				
EM&A: Q3	Has regular checking been performed boundaries are not exceeded and surrounding areas?	ormed to ensure that the work site it that no damage occurs to	1				15 5 5 5
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting	/				
		☐ Traffic	Þ	Const	ructio	n activ	ities inside the
	- Major noise source(s)	Construction activities outside the site		Other	s		_

VEP: Cap311R: Cap311O: Cap311: Cap466:	Varied Environmental Permit 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 Unk: Unknown
Remark		
N/	A	
Signatures		
ET Member	Contractor's Repres	sentative
So		

BERRY YUEN

(Name in Block letters:

RCLAN,

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

Inspection	date $\frac{14}{706}$ Time $\frac{1.40}{1.40}$ Inspec	ted by	ET:		- 77	-pours System
Site	OURIDE LANDING PT. I, No 2N4		Com	1440	"- "	-paurespi de
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [/R	nin Storm
Temperate	re	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?		/			
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:JI	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					
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?	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?	/				
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				

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13				г	١,

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				1907
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
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EM&A: O2	Are fences erected in accordance in good condition along the bou prevent tipping, vehicle movement personnel into adjacent wooded uncommon and restricted plant s						
EM&A: Q3	Has regular checking been performed boundaries are not exceeded and surrounding areas?	/					
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	/					
		☐ Traffic ☐ Construction activ					ities inside the
	Major noise source(s)	Construction activities			-		

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

(Name in Block letters:

KIIAU.

(Name in Block letters:

BERRY YUZA

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

Inspection	date $21/7/06$ Time $0:30$ Inspec	ted by	ET:	K	LU	pristre sy	_
Site	OUTSIDE LANDING PT. I, MIPNY		Cont	racto	<u>- ر ۱۳</u>	PEROK J V	J 784
Weather		, "					•
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storm	n
Temperatu	re Zo°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?		/				
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
	General Requirements	J		i. '		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?	/	l				
	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?	/	_			- 1	

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?	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?	/				
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1				<u> </u>

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				

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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?	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: OI	monitored to avoid impact on the species Celtis biondii, Pteris dia	nt landing points N4 & N5 closely the uncommon and rare plant spar and Ardicia pusilla, and the ana, Pterospermum heterophyllum	1						
EM&A: O2	Are fences erected in accordance in good condition along the bou prevent tipping, vehicle movem personnel into adjacent wooded uncommon and restricted plant	/							
EM&A: Q3	Has regular checking been performed 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?		/						
		☐ Traffic	Construction activities inside the						
	Major noise source(s) Construction activitie outside the site			site Others					

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

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

Inspection	date $28/7/6$ Time $((:32)$ Inspec	ted by	ET:		و ل	Pare ST	~- <i>(</i>
Site	OUTSITE LAWOMS P1. In, No 2N4		Com	Iacio	1	Parde 3D	irms .
Weather						V	
Condition	Sunny Fine Overcast Hazy		Driz	zle [Z R	nin Storm	
Temperatu	re 28°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?	<u> </u>	/				
AIR QUALI 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?	/				
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)?	/					
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"?	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?	1				

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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?	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	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 prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?		/				
		☐ Traffic	0	Consti	uction	a activ	ities inside the
	Major noise source(s)	Construction activities	Others				

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

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