# 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.)

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

Weekly Site Inspection Checklist

Inspection c	late 166 Time 10215 Inspecte	d By	ET:	QV actor	Mp	Word,
Site	LAX-Superstructure	1	Com			ingo, I
Veather						
Condition	Sunny Fine Overcast Hazy		Drizz	zle [	Ra	in St
Temperatu	re[7]°C Humidity High Moderat	e /	Low	,		
Wind	Calm Light Breeze Strong	/				
ENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		(a)			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices		1			
AIR QUAL	on site?			<u> </u>		
AIR QUAL	ITY	N/A	Ves	No	Unk	Remarks
AIR QUAL	ITY Checklist Condition	N/A	Yes	No	Unk	Remarks
	ITY	N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition  General Requirements	N/A	Yes	No	Unk	1
Ref. Cap311R: 3 Cap311R:	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	1
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, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes	No	Unk	1
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes	No	Unk	1
Ref. Cap311R: 3 Cap311R: Sch 12(3) Cap311	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Yes	No	Unk	1
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep	N/A	Yes	No	Unk	1

Ref.	Checklist Condition .	N/A	Yes	Nο	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R; Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials	A-100-00-00-00-00-00-00-00-00-00-00-00-00	*	-4		
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	1				
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	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			لبسسا		
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	ls every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return					
	belts?				i	
	belts?  Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting	/				
Sch 20(4) EM&A:	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
EM&A: N2	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?  Concrete batching plant  Are the loading, unloading, handling, transfer or storage of any	/ / /				
	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?  Concrete batching plant  Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?  Are dusty materials, except cement and dry PFA, wetted by water	/ / / /				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellancous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					
Cap311O	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?	/				
WMIP 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?		/			
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?	7				
	General refuse					
WAIP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			ang pinang milahan di Samang Managa Mana
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks	
WDO	Has the Contractor been registered as a chemical waste producer?	/					
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/		† 		 	
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste'"?	/					
EM&Λ: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/					
	Storage, collection and transportation of waste						
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/					
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;	7					
	(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?	/				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	/				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?		,			
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?					
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	/				

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

#### MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	1				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	/				) ************************************
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

							<del></del>
Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes sched	uled to minimize noise nuisance?	-	/			
EM&A: CI	Are construction works or equip nuisance?	oment sited to minimize noise		/			
EM&A: CI	Are all plant and equipment mai conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or t			/		_	1
EM&A: Cl	Are methods of working devised nuisance?	d and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise		/			
EM&A: C2	To mitigate construction noise of holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some pow sensitive time periods?	luring Sunday's and public lowing measures adopted? se barriers at noise sources or ered mechanical equipment to less		/			
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment ers?	1				
NCO	Are valid construction noise per inspection?	•		/			
NCO	Are conditions of construction n relevant part(s) of the works imp	plemented accordingly?		/	-		
NCO	Are valid noise emission labels in held percussive breakers?	fixed at air compressors and hand		7	-		10.0
	Major noise source(s)	☐ Traffic	Ø	Consti site	uction	n activi	ities inside the
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Construction activities outside the site		Others			

#### Abbreviation

VEP:	Varied Environmental Permit		•
AMP	Waste Management Plan	EM&A:	EM&A Manual (Construction Phase)
Cap341R:	APC (Construction Dust) Regulation	NCO:	Noise Control Ordinance
Cap314O:	APC (Open Burning) Regulation	WDO:	Waste Disposal Ordinance
Cap311:	Air Pollution Control Ordinance		
PN1/94:	Practice Note for Professional Persons (Cor	astruction Site I	Orainage)
Unk:	Unknown		
Remark			
. Commission			
k 18 l			
<del>-121-  </del>			
	A		
		· · · · · · · · · · · · · · · · · · ·	
	4-14-4		

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

L.K. Wory

(Name in Block letters:

Wong Ho Hong

11th November 2002

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

Weekly Site Inspection Checklist

Inspection of	tate [[[/[06]] Time [10:00]] Inspects	ed By	ET:	av	ny Pau	Word
Site	IMX - Superstructure		Conti	acto	<u> </u>	41-K
Veather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	uinSt
Temperatu	rre 🔣 °C Humidity 🔃 High 📗 Moderat	ie /	Lov	,		
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?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	1				
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	1				
	Construction Sites	1	l	L	l	1
EM&A : Л1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			
	Stockpiling of dusty materials	L		L		l
Cap311R: Seh 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?	/				
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: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles		·			
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/		,	
	Transfer of dusty materials using a belt conveyor system		<del></del>	<del></del>	<del></del>	
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)	ls 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				•	
	Control of the contro			T	1	
	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
	Are the loading, unloading, handling, transfer or storage of any	/				
	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?  Are dusty materials, except cement and dry PFA, wetted by water	/				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Miscellaneous						
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					
Cap311O	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?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	General refuse		L			L
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?		/			
WAIP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?		/			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	/				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste**?	/				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/				
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/				
	(2) reusable / recyclable materials;	/				
	(3) un-reusable / non-recyclable waste for landfill disposal.	/				<del> </del>
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?	/				
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?	1				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

Ref	Checklist Condition	N/A	Yes	Ne	Unk	Remarks
	Boring and Drilling Water	<u> </u>				
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	/				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

#### MARINE ECOLOGY

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

#### NOISE

D-6	Checklist Condition		N/A	Yes	No	Unk	Remarks
Ref			IN//X	162	140	Ulik	Remarks
EM&A: Cl	Are working programmes schedu	lled to minimize noise nuisance?					
EM&A: C1	Are construction works or equipt nuisance?	nent sited to minimize noise		/			
EM&A: CI	Are all plant and equipment mair conditions?	stained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?					
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		1	-		
EM&A: C2	To mitigate construction noise du holidays, is either one of the folle a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?					
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
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 fi held percussive breakers?	xed at air compressors and hand					
		☐ Traffic	Ø	Consti site	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities		Others	5		
		oursing the pire	1				

#### Abbreviation

VEP:

Varied Environmental Permit

чме

Waste Management Plan

Noise Control Ordinance

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

Cap311R: Cap341O: APC (Construction Dust) Regulation APC (Open Burning) Regulation

NCO:

Waste Disposal Ordinance

Cap311; PN1/94;

Air Pollution Control Ordinance

WDO:

Unk:

Practice Note for Professional Persons (Construction Site Drainage)

Remark

N	1	١

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

11th November 2002

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

Weekly Site Inspection Checklist

Inspection o	tate [1/1/06] Time [0:20] Inspecte	ed By	ET:	/ar	M	Wone
Site	201x - Super Anusture	ĺ	Com	acto	· NIV	go, re
/eather	/					· <del></del>
Condition	Sunny Fine Overcast Hazy		Driza	zle [	Ra	in St
Temperatu	rre C Humidity High Moderal	ie _	Low	,		
Wind	Calm Light Breeze Strong					
ENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		7			
IR QUAL Ref.	TY Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	1,471		1		- Tentar As
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		1		, , <u> </u>	
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites			L		
EM&A:	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			
	Stockpiling of dusty materials	<u> </u>		L		L
Cap311R; Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to never the entire surface.					

Ref.	Checklist Condition .	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Seli 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials					•
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/	/		·
• • • • • • • • • • • • • • • • • • • •	Transfer of dusty materials using a belt conveyor system		•		·	J
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
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	4				
EM&л: Л2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1				
EM&л: Л2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&л: Л2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A:	Are all the conveyor transfer points totally enclosed?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks scaled and hydroseeded and planted as soon as possible?					
Cap311O	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?	1				
EM&A: EJ	Are wastes disposed of at licensed sites?	1				
	General refuse					
WAIP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WAIP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sca prohibited?		/			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	1				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	JAK /				
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	1	L	_1		I
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/			·	
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
—	(1) public fill materials for on-site reuse, or disposal at public filling area;	/				
	(2) reusable / recyclable materials;	/				
	(3) un-reusable / non-recyclable waste for landfill disposal.	/				
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	/				

## WATER QUALITY

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

#### MARINE ECOLOGY

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

#### NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes schedu	iled to minimize noise nuisance?		1		1	
EM&A: CI	Are construction works or equipmuisance?	ment sited to minimize noise		/			
EM&A: CI	Are all plant and equipment main conditions?	ntained in good operating		/			
EM&A: CI/GP	Is idle equipment turned off or the	prottled down?		/			
EM&A: CI	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		/			
EM&A: C2	To mitigate construction noise de holidays, is either one of the folk a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		/			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
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 fi held percussive breakers?	ixed at air compressors and hand		/			WE 3.1
	Major noise source(s)	☐ Traffic	口	Const	ructio	n activ	ities inside the
	istalor noise some ce(2)	Construction activities		Other	s		

#### Abbreviation

VEP:	Varied Environmental Permit		
WMP	Waste Management Plan	EM&A:	EM&A Manual (Construction Phase)
Cap314R:	APC (Construction Dust) Regulation	NCO:	Noise Control Ordinance
Cap3HO:	APC (Open Burning) Regulation	WDO:	Waste Disposal Ordinance
Cap311:	Air Pollution Control Ordinance		
PN1/94:	Practice Note for Professional Persons (Con	struction Site I	Orainage)

Unk:

Remark		
Nil		AND THE RESIDENCE OF THE PERSON OF THE PERSO
	A	
		·.
Signatures		

ET Member

Contractor's Representative

(Name in Block letters:

IEC's Representative

)

11th November 2002

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

Weekly Site Inspection Checklist

Inspection o	tate 106 Time 10215 Inspecto	ed By	ET: (	An	1/20	Wong,
Site	LMX- superstructure	'			<u> </u>	ago , ma
Weather						
Condition	Sunny Fine Overcast Hazy		Drizz	ele [	Ra	in Sto
Temperatu	re 7°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 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?		/			
			<u> </u>			<del> </del>
AIR QUAL	ity .					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<del> </del>		<b></b>		<del> </del>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites		l	L	l	Í_,
EM&Λ: Λ1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			
	Stackniling of dusty materials	<u></u>	·	٠		L

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?

Cap311R:

Sch 18

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?			   		
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials				•	
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?					
EM&A: 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?				ı.	
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	J	<b>L</b>			<del></del>
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	<u> </u>	<b></b>	1		l.,,_,
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&л: Л2	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?	/				
	Are all the conveyor transfer points totally enclosed?	L				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
1	Miscellaneous					
Cap311R: Seh 16	Are completed earthworks scaled and hydroseeded and planted as soon as possible?		(			
Cap311O	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?		/			
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	<b></b>		L	L	
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?		/			
VNIP	Is the refuse disposed of regularly and properly?					
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste		,	-	and the street level is a	
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	1			#	
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?					
ЕМ&А: Е4	Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste"?	/				
ЕМ&Л: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
	Storage, collection and transportation of waste		<u> </u>	نـــــــن		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;	/				
	(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?	7				

## WATER QUALITY

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

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

#### 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 schedu	iled to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipmuisance?	ment sited to minimize noise		/			
EM&A: C1	Are all plant and equipment mair conditions?	ntained in good operating					
EM&A: CI/GP	Is idle equipment turned off or th	rottled down?		/			
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		/			
EM&A: C2				/			
EM&A: C3	To mitigate night time construction 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 fi held percussive breakers?	ixed at air compressors and hand		/			
		☐ Traffic	团	Const	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities		Others	·		

#### Abbreviation

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`	1;1	1.	

Varied Environmental Permit

 $\Delta \, \mathrm{MP}$ 

Waste Management Plan

NCO:

WDO:

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

Cap311R: Cap311O. APC (Construction Dust) Regulation APC (Open Burning) Regulation

Noise Control Ordinance Waste Disposal Ordinance

Cap311: PN1/94:

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

Re	ma	rk
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Mel		
,		
	,	

#### Signatures

ET Member

Contractor's Representative

(Name in Block letters:

11th November 2002

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

Inspection	date 5 Jan o 6 Time 09:30 Inspect	ed By	ET:			STE (HT
Site	LMX Unit 9 - Mech. Frecan Ance		Com	1800	. W.	F.Kusek (TDK)
Veather			-	NATIONAL PROPERTY.	promotive de	
Condition	Sunny Fine Overcast Hazy		Driz	zle [	R	sin Sto
Temperate	re/4 °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 update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of ElA report kept in Engineers' and Contractors' offices on site?		~			-
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?					4
	Construction Sites		1	-		1
EM&A	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?	1	1			Spragger
	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				

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Checklist.doc

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fael ash (PFA)					
Cap311R: Sch 15(3)	Are the storage siles for cement or dry PFA prevented from overfilling?	V		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 year of the system?	V				
Сяр311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level elarm?	1				
Cap311R: Sch 17	Are the coment, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Londing, 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?	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?		J			Cleaning Ameril By RY.
	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?	V				1
Cap311R: Sch 20(3)	Is a best scraper or equivalent device installed at the head pulley of every conveyor? Is the best scraper equipped with bottom plates or similar awars to prevent falling of materials from the setum bests?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	V				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	J				İ
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		-		
EM&A:	Are all the conveyor transfer points totally enclosed?	J	1			

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks scaled and hydroseeded and planted as soon as possible?					
Cap3110	Is open burning prohibited?	-	1		d.	
Сар311	Is black smoke emission from plant/equipment avoided?		1			

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Candition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1				
EM&A: E3	Are wastes disposed of at beensed sites?	1				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	· /				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	~				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	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?	· /				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		~			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		1			
WMP	Is the refuse disposed of regularly and properly?		V			
WMP	Are burning of refuse at site and dumping at sea prohibited?		V	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)?		V	-		

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Ref	Checklist Condition	N/A	Yes	No.	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		1			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		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, we'll maintained, kept closed and locked?		V			
	Storage, collection and transportation of waste	•				
EM&A: E3	Are wastes transported by enclosed containers or covered tracks?		1			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	v				
	(2) reusable / recyclable materials;	V				
	(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?	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?	~				
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			1000		
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?	V				
	Wheel Washing Water	(			1	
PN1/94	Is a wheel-washing buy 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?	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?	V				

#### NOISE -

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes scheo	duled to minimize noise nuisance?		V			
EM&A: CI	Are construction works or equi nuisance?	pment sited to minimize noise				- 8	
EM&A: CI	Are all plant and equipment ma conditions?	intained in good operating		~			
EM&A: CI/GP	Is idle equipment turned off or	hrottled down?		1			
EM&A: Ci	Are methods of working devise nuisance?	d and arranged to minimize noise		1			
EM&A: CI)	Are construction works carried out in a manner to minimize noise nuisance?			1			
EM&A: C2	To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted?  a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods?			V			
EM&A: C3		To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers?					
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?			1			
		□ Traffic	Construction activities inside t				ties inside the
	Major noise source(s)	Construction activities	Others				

VMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase)  ap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance  ap3110: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance  ap311: Air Pollution Control Ordinance  N1/94: Practice Note for Professional Persons (Construction Site Drainage)	Abbreviation			
emark	VEP: 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 (Co	NCO: WDO:	Noise Control Ordinance Waste Disposal Ordinance
			NAMES OF THE OWNER, NAMES OF	
		· · · · · · · · · · · · · · · · · · ·		

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block letters;

W. F. Kurk )

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

Inspection	date 12 Jan 06 Time 67130 Inspect	ea By	EI:		<i>W</i> .	Sin Hit
Site	LMX Unt 9-Mech Freeten Area		Cont	racto	r: h) 7	Kluck 170k
Weather				0	TO THE STATE OF THE STATE OF	
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	in Stor
Temperate	re DO °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 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?		1			
AIR QUAL	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u> </u>	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?	<b>√</b>				
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		1	1
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Spraying By D.Y
	Stockpiling of dusty materials		1			7 77
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?	,				

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	V				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	V				
	Loading, unloading or transfer of dusty materials	<u> </u>			I	
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					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?	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?		/			Cleary Drowled By P.Y
	Transfer of dusty materials using a belt conveyor system					<del></del>
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					1
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	V				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	V				

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

# 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?	V								
	Construction Waste and Excavated Materials									
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~								
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	~								
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	~								
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	V.								
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	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?		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)?		1							

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		~			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		~			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste''?		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;	1				
	(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				I	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	1				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	\				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	,				
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?	/				

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

## MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	1				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	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 .

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 th	nrottled down?		1			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1			
EM&A: C1)	Are construction works carried of nuisance?	out in a manner to minimize noise		1			
EM&A: C2				J			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffl	on noise, is dredging equipment ers?	~				
NCO	Are valid construction noise peri inspection?	nits, if required, available for	1				
NCO	Are conditions of construction no relevant part(s) of the works imp						
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		1			
	Major noise source(s)	☐ Traffic ☐ Construction activities outside the site		Constr site Others		activi	ties inside the

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

ame in Block letters:

(Name in Mock letters:

SIU)

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

Inspection	date [18/01/2006] Time [10:25 DM Inspec	ted By	FI		/M(	them 18
Site	Lm x - U9		Con	track	)r	7 Um Tek
Veather		<del></del>	<del></del>		OLIMANIA DA M	· · · · · · · · · · · · · · · · · · ·
Condition	Sunny Pine Overcast Hnzy		Driz	zic	R	ain Storm
Temperat	ure °C Humidity High Modera	ite [	Lov	w		<del></del>
Wind	Caim 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		And Inches	1
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					A was
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u> </u>		i		
Cap3tJR: 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?	J				
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?				·	
Cap3I1	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	<u>i </u>		·	***************************************	l <del></del>
em&a : Ai	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			ود ويه ود
······	Stockpiling of dusty materials		<u></u> ,	<b></b>	SV ANDERSON STATE	
Çap311R: 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?				***************************************	General Parks in Parks and the Control of the Contr

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	<del></del> -	· · · · · · · · · · · · · · · · · · ·	<del></del>	L,	
Cap511R: Sch 15(3)	Are the storage siles for coment or dry PFA prevented from overfilling?	1	:			
Cap311R: Sch 15(4)	Are the handlings of coment 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 coment or dry PFA stored in a closed site fitted with a high-level alarm?	1			<del></del>	1
Cap311R: Sch 17	Are the coment, 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	<del></del>	,	\	1	
Cap311R: Sch 19	Are dusty materials, except coment 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 fili materials controlled to a practical level to minimize fugitive dust emission?					We tage to the second
	Use of vehicles					······································
Cap511R: Sch 21(2) EM&A: Al	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					<del></del>
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?					Clions by
	Transfer of dusty materials using a belt conveyor system	<u> </u>	<u>-</u>	i_	, <u>l</u>	
Cap311R: 5ch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					·
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1				<del></del>
Cap311R; Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
İ	Concrete batching plant		1		1	
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	7				
EM&A: A2	Are dusty materials, except comout and dry PFA, wetted by water spray system?	7				
EM&A: A2	Are all the receiving hoppers enclosed on three (3) sides up to 3m above unloading point?	7		<u> </u>		
EM&A:	Are all the conveyor transfer points totally enclosed?	1		-		

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Ref.	Checklist Candition	N/A	Yes	No	Urk	Remarks
	Miscellancous		1	!		L
Cap311R: Seh 16	Are completed earthworks scaled and hydroscoded and planted as soon as possible"	1			:	
Cap3110	Is open burning prohibited?	<b></b>				
Cap311	Is black smoke emission from plant/equipment avoided?		Ĭ			,

### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	NA	Yes	No	Ųnk	Remarks			
	Dredged Materials	<del></del>			1				
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?			T- 17-14-					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	V		<b> </b>					
EM&A E3	Are wastes disposed of at licensed sites?	17			,,,	-			
	Construction Waste and Excavated Materials								
WMP EM&A: E3	Does the Centractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?								
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	1				dia secono			
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		<del></del>						
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?								
WAIP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1							
емел: ез	Are wastes disposed of at licensed sites?								
	Ceneral refuse		Anna Anna Anna	1					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		ممرا			*****			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?								
WMP	Is the refuse disposed of regularly and properly?								
WMP	Are burning of refuse at site and dumping at sea prohibited?		1						
<del></del>	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	Νo	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		1			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		J			
EM&A: E4	Is chemical waste handled according to the Code of Fractice on the Packaging, Handling and Storage of Chemical Waste <sup>11</sup> ?		J			*
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		J			
	Storage, collection and transportation of waste	(		<u></u>		127.00
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		J	· ]		*I************************************
EM&A: E3	Are weste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site rouse, or disposal at public filling area;					
	(2) reusable / recyclable materials;			~		
<del> </del>	(3) un-reusable / non-recyclable waste for landfill disposal.				<u> </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	Νɔ	Unk	Remarks
	Surface Run-off	<del></del> /	.,	'		······································
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	1				·
PN1/94	maintained and the deposited silt and grit removed regularly?  Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to provent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessars?					
PN1/94	Are measures taken to minimize the ingress of minwater 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 sine 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	, 1, 100 to 100			
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to provent silt, construction materials or debns from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?					
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	<del></del> -		<del> </del>	<del></del>	
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring regirculated 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		<del></del>	1	
PN1/94	Is a wheel-weshing buy provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	V		*	-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 manurals?	1	ر پرده برد مر			
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: C3	Is rubble mound seewall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	7	<i>f</i>			P.Phill becomes

## NOISE

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmics scheduled to minimize noise nuisance?	<del> </del>	+7			And the second
EM&A: C1	Are construction works or equipment sited to minimize noise nuisance?		フ			
EM&A: C1	Are all plant and equipment maintained in good operating conditions?		1	<u></u>		
EM&A: CI/GP	Is idle equipment turned off or throttled down?	<del></del>				
EM&A: CI	Are methods of working devised and arranged to minimize noise nuisance?	İ				<u> </u>
EM&A: C1)	Are construction works carried out in a manner to minimize noise nuisance?					
EM&A: C2	To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted?  a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods?					
EM&A: C3	To mitigate night time construction noise, is dredging equipment equipped with silencers or mulfilers?	1				The state of the s
NCO	Are valid construction noise permits, if required, available for inspection?	1				
VCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	7				The Articles and the Articles and Articles and the Articles and Articles and Articles and Articles and Articles and Articles and Articles and Articles and Arti
VCO	Are valid noise emission labels fixed at air compressors and hand hold percussive breakers?			,		
	Major noise source(s)		site	ction	activiti	es inside the
	Construction activities outside the site		Others		***	

# Abbreviation VE9: Varied Em ironmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance WMP. EM&A: EM&A Manual (Constantion Phase) Cap311R. Cap311O NCO: Noise Control Ordinance WDO. Waste Disposal Ordinance Cnp311: PN1/94: 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 IBCs representati (Name in Block letters:

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Inspected By ET:

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

Time 0 / 30

Inspection date

Site	LMY- Ungel - Mech. Enoten Ana	l	Cont	racto	r: W -	7.16k170x
Weather					Proposition de la constitución d	
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	in Storm
Temperatu	re C Humidity High Moderat	e	Lov	Ÿ		
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	4		1		
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	(				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		(			Cryy By P-Z.
	Stockpiling of dusty materials					l
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to	/				

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maintain the entire surface wet to prevent dust emission?

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	(				
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		I			L
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?		/			Clony Rombit By P.Y.
	Transfer of dusty materials using a belt conveyor system			<u></u>		17 (-6
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant				·	
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
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?	/				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	7				

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Ref.	Checklist Condition	N/A	Yes	Νo	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		L			L
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?	1				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	1			-	
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?		7			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		/			

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Ref	Checklist Condition	N/A	Yes	Νo	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		/			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?					
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		/			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		/			
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		/			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	-				
	(1) public fill materials for on-site reuse, or disposal at public filling area;	1				
	(2) reusable / recyclable materials;					
:	(3) un-reusable / non-recyclable waste for landfill disposal.		1			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		/			

# 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?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	1				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

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

# 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 sched	uled to minimize noise nuisance?		^				
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		1				
EM&A: C1	Are all plant and equipment mai conditions?	ntained in good operating		/				
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		1				
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			Name	
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise		/				
EM&A: C2				/				
EM&A: C3	To mitigate night time constructi equipped with silencers or muffl		-					
NCO	Are valid construction noise per inspection?	nits, if required, available for	/					
NCO	Are conditions of construction no relevant part(s) of the works imp		1	/				
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		Construction activities inside the site  Others				

VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	APC (Open Burni Air Pollution Con	nt Plan n Dust) Regulation ng) Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
Remark			Name of the Party of Party of Street,	адын жүмөн 4 дуу сандарын жайын жайган бар 1- мөн бөгөөрүү этг, сообоор ойсын айсын жайгын бөгөө айтын түйн соор
	7			<u> </u>
Signatures				10 to 10 to
ET Member		Contractor's Repres	sentative	
	<i>&gt;</i>	Name in Block let		

Abbreviation

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

Inspection d	ate AJAN 2006 Time 09: 201.5 Inspecto	ed By	ET:	T.F.	CHIU r: 022	/PPE- [ER CHGNG]/	د ما ۔
Site	LMX- 19 ELECTRICAL ERZETION AREA.	!	Com		·· (75)	GE CHENEY	HAN (C).
Weather							1
Condition	Sunny Fine VOvercast Hazy		Driz:	zle [	Ra	nin Storr	ท
Temperatu	re 00°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 update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/				
AIR QUALI	TY 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?	<b>✓</b>					
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?	\ \				340	
	Construction Sites			·			
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			NATER SPRA	(NG) PAULY
	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?	<b>V</b>					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	•				**** ·
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	1				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1			_	
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	\ \ \				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials	<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?	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?	<b>/</b>				
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?		<b>/</b>			Wheel Wash Services Provi By Porulli
	Transfer of dusty materials using a belt conveyor system					0
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?	<b>√</b>				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	V				
EM&A:	Are dusty materials, except cement and dry PFA, wetted by water spray system?	<b>√</b>		<b></b>		
A2 `				ı l		
A2 ` EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	<b>√</b>				

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

### 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?	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?					
	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?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	J				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		V			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		V			
WMP	Is the refuse disposed of regularly and properly?	1	J			
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)?	V				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	/				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	V				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	V				
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		1			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	<b>√</b>		:		
	(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?	V				
PN1/94	Are open stockpiles of construction materials (e.g. aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	V				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	✓				
PN1/94	Groundwater  Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	1/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	V				
	Wheel Washing Water					
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"?	V				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	N				

## NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		V			
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		V			
EM&A: CI	Are all plant and equipment mail conditions?	ntained in good operating		1			
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		\ \	•		, 74 <del>5</del> (4)
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		V			
EM&A: C1)	Are construction works carried on nuisance?		1			, 7,00 <b>2</b> ,004	
EM&A: C2	To mitigate construction noise di holidays, is either one of the folla) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	<b>V</b>				****	
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		V				
NCO	Are valid construction noise perrinspection?	nits, if required, available for	V				* 5.9° Mains et
NCO	Are conditions of construction no relevant part(s) of the works imp		V	:			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			,			
		Traffic		Constr site	uction	activi	ities inside the
	Major noise source(s)	Construction activities outside the site	Others				

#### Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R:

APC (Construction Dust) Regulation

NCO:

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

Cap3110: Cap311:

APC (Open Burning) Regulation

Air Pollution Control Ordinance

WDO:

Waste Disposal Ordinance

PN1/94: Unk:

Practice Note for Professional Persons (Construction Site Drainage) Unknown

Remark			
· · · · · · · · · · · · · · · · · · ·		 · · · · · · · · · · · · · · · · · · ·	
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1 100110000		77 - 777 All All a sandard	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

CHIU TO FU )
PDC

12th January 2005

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

Inspection	late 11 JAN 2006 Time 10:50 hst Inspect	ed By	ET:	7.7	CHILL	1 PDE	]		
Site	LHX- 19 EIETRICAL ERECTION ARZA		Cont	iacio	1. <i>1. 6</i> 7.	K CHGAG /SP	PVK		
Weather							ı		
Condition Sunny Fine Overcast Hazy Drizzle Rain Storm									
Temperature									
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 QUALITY

eç

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					•
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			PROVIDED
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	•			•	
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	8				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	<b>✓</b>				
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?		/			Wheel Wards Services Pro By Paul
	Transfer of dusty materials using a belt conveyor system					0
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?	~	<del></del>			
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?	1				
EM&A: A2`	Are dusty materials, except cement and dry PFA, wetted by water spray system?	~				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	V				
EM&A:	Are all the conveyor transfer points totally enclosed?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous			·		
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	V				
Cap3110	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					
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?	V				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	J				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	v				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	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?	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?		0			
	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?	N				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	V				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
	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?	V				
	(1) public fill materials for on-site reuse, or disposal at public filling area;					
	(2) reusable / recyclable materials;					
	(3) un-reusable / non-recyclable waste for landfill disposal.					
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?	/				
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?	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				
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?	كرر				
	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?	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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1		uled to minimize noise nuisance?		V			
EM&A: C1	Are construction works or equiponuisance?	ment sited to minimize noise		V			
EM&A: C1	Are all plant and equipment mail conditions?	ntained in good operating					
EM&A: C1/GP	Is idle equipment turned off or th	nrottled down?		1			
EM&A: C1	Are methods of working devised nuisance?						
EM&A: C1)	Are construction works carried o nuisance?		/				
EM&A: C2	To mitigate construction noise de holidays, is either one of the follea) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	V					
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		J				
NCO	Are valid construction noise perrinspection?	nits, if required, available for	1				
NCO	Are conditions of construction no relevant part(s) of the works imp		1				
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand	1	,			
	Major noise source(s)	☐ Traffic	Image: section of the	ities inside the			
	istajoi noise source(s)	Construction activities outside the site		Other			

#### Abbreviation

VEP:

Varied Environmental Permit

WMP: Cap311R: Waste Management Plan

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

NCO:

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

Noise Control Ordinance

Cap311O: Cap311:

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

WDO:

Waste Disposal Ordinance

PN1/94: Unk:

Unknown

Remark			
		<b>*</b> *	
		 A Marinian Communication	
			W10-00
		 <del>*************************************</del>	
	entern .	 M =	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

CHIM TO FU

12th January 2005

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

Inspection of	late IR JAN 2006 Time 10135 hrs Inspect	ed By	ET:	7.	Т. <i>ОН</i> г:С М.	10 /PPE	AUKO.
Site	LMX-19 Electrical Erecto Arm			4010	C. 711	<u>co 13</u>	₩W.C.
Weather	/						ı
Condition	Sunny Fine Overcast Hazy		Driza	zle [	Ra	in Storr	n
Temperatu	re ② C Humidity ✓ High ☐ Moderat	te	Low	,			
Wind	Calm Light Breeze Strong						<u></u>
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?		<b>/</b>				

# AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements			· [		I
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?	<b>V</b>				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	V				
	Construction Sites	.l				
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		J			NOTER SPK
						PROVIDED
	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)	1	I	1	I	1
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	<b>V</b>				,
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?	<b>V</b>				
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?	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?	<b>V</b>				
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?					When I was Deivlos Pra But Paul
	Transfer of dusty materials using a belt conveyor system					7
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?	✓ <b> </b>				
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	lI		1		
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	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?		V			
Cap311	Is black smoke emission from plant/equipment avoided?		<b>V</b>			

#### 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?	<b>/</b>				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	V				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	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?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	V				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				12.12.00
EM&A: E3	Are wastes disposed of at licensed sites?	V				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		V			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		V			
WMP	Is the refuse disposed of regularly and properly?		,			
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	J				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	<b>V</b>				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	J				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1				
	Storage, collection and transportation of waste	1				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?	V				
	(1) public fill materials for on-site reuse, or disposal at public filling area;					
	(2) reusable / recyclable materials;					
	(3) un-reusable / non-recyclable waste for landfill disposal.					
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?	0/				
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?	<b>/</b>				
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?	/				

#### 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"?	<b>V</b>				
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?		<b>√</b>				
EM&A: C1	Are construction works or equiprinuisance?	ment sited to minimize noise		V				
EM&A: C1	Are all plant and equipment mair conditions?	ntained in good operating		1				
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		<b>V</b>	Hanna .			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/				
EM&A: C1)	Are construction works carried o nuisance?							
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?	owing measures adopted?						
EM&A: C3	To mitigate night time construction equipped with silencers or muffle							
NCO	Are valid construction noise perminspection?	nits, if required, available for	v					
NCO	Are conditions of construction no relevant part(s) of the works impl		1					
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand	1					
		☐ Traffic	Q/	ities inside the				
	Major noise source(s)	Construction activities outside the site						

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

(Name in Block letters:

CHIN 7.1 Fu

(Name in Block letters:

LO CHUNG MAN,

SANKO.

12th January 2005

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

Inspection	late 25 JAN 2006 Time 08: 20hr Inspect	ed By	ET:		T. CHI	<del>- +</del>	40
Site	LMX-19 ELECTRICAL BREGION AREA		Cond		· relea	CHER /SAN	ILO ,
Weather							
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Storm	ŀ
Temperatu	re 5 °C Humidity High Modera	te _	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 update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/				
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
	General Requirements	i					
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?		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		1				
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		v			WATER STRAYING PROVIDED BY	
1	Stockpiling of dusty materials	I		<u> </u>		I NOVINCED 15	INML
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)	<del></del>	1	'	·	<u></u>
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	V				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	<b>V</b>				
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	<del></del>		·		
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	•		ll		
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			Wheel Whohir Service Provide By Paul Y
	Transfer of dusty materials using a belt conveyor system	<u> </u>				7 1461 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?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	<b>V</b>				
	Concrete batching plant	<u> </u>	1			
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	<b>V</b>				
EM&A: A2 `	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
EM&Λ: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	V				
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?	V				
Cap311O	Is open burning prohibited?		v/			
Cap311	Is black smoke emission from plant/equipment avoided?		<b>√</b>			

#### 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?	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?	<b>V</b>				
	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?	V				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		V			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		<b>√</b>			
WMP	Is the refuse disposed of regularly and properly?		V			
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	J				

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"?	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?		V					
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	/						
	(1) public fill materials for on-site reuse, or disposal at public filling area;							
	(2) reusable / recyclable materials;				•			
	(3) un-reusable / non-recyclable waste for landfill disposal.					<u> </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?					<del>.</del>		

#### WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					L
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				
	Groundwater	<u> </u>				
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	V				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	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?	<b>V</b>				
	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?	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?	/				

#### NOISE

Checklist Condition		N/A	Yes	No	Unk	Remarks
Are working programmes schedu	led to minimize noise nuisance?		<b>V</b>			
Are construction works or equipm nuisance?	nent sited to minimize noise		V			
Are all plant and equipment main conditions?	tained in good operating		<b>V</b>			
Is idle equipment turned off or the	rottled down?		1			<del>1</del>
Are methods of working devised nuisance?	and arranged to minimize noise		V			
Are construction works carried or nuisance?	it in a manner to minimize noise		/			
holidays, is either one of the follo a) Mitigation by portable noise	wing measures adopted? barriers at noise sources or	V				
		1				
Are valid construction noise perm inspection?	nits, if required, available for	1				
		1				
Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand	V				
	☐ Traffic	Q		ructio	n activ	ities inside the
Major noise source(s)	Construction activities		Other	s		
	Are working programmes schedulare construction works or equipment nuisance?  Are all plant and equipment main conditions?  Is idle equipment turned off or the Are methods of working devised nuisance?  Are construction works carried or nuisance?  To mitigate construction noise due holidays, is either one of the followal Mitigation by portable noise by Rescheduling of some power sensitive time periods?  To mitigate night time construction equipped with silencers or muffled Are valid construction noise perminspection?  Are conditions of construction no relevant part(s) of the works implementation of the works impl	Are working programmes scheduled to minimize noise nuisance?  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?	Are working programmes scheduled to minimize noise nuisance?  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?	Are working programmes scheduled to minimize noise nuisance?  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  Major noise source(s)	Are working programmes scheduled to minimize noise nuisance?  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 working programmes scheduled to minimize noise nuisance?  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 active site

## Abbreviation VEP: Varied Environmental Permit EM&A: EM&A Manual (Construction Phase) WMP: Waste Management Plan Noise Control Ordinance NCO: Cap311R: APC (Construction Dust) Regulation Cap3110: Cap311: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance Air Pollution Control Ordinance PN 1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member Contractor's Representative

12th January 2005

CHINTOI FU

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

mspection	Inspect	ed By	E1:			UEN
Site	L9 - GRS		Cont	Tacto	1.10. [	. Kwokito
Veather				FEMALES PROPERTY.		
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	un Sto
Temperatu	re C Humidity High Modera	te 🗸	Lov	v		
Wind	Calm Light Breeze Strong				a.	
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		✓			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	1		<u> </u>		<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?	<b>√</b>				
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			<u>.                                    </u>	1	L
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		~			Spraying By P.Y
	Stockpiling of dusty materials		1	1		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?					

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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?	<b>/</b>				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	~				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	~				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	~				
	Loading, unloading or transfer of dusty materials					<del></del>
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?	✓ <b> </b>				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	✓				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		V			Cleaning Previled By P.Y.
	Transfer of dusty materials using a belt conveyor system			LJ		1_\
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	~				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	~				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	V				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	~				
	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				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	<b>V</b>				
	L	L				

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	V				
Cap311O	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?	<b>V</b>				
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?	V				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	V				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	V				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	V				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	~				
EM&A: E3	Are wastes disposed of at licensed sites?	J				
	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)?		/			

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		1			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		~			
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	1		L	I	1
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?		1			

#### WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	~				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	~				
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?	<b>V</b>				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	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				·
PN1/94	Wheel Washing Water Is a wheel-washing bay provided at every exit if practicable and					
	is the silt removed from wash-water before discharging into storm drains?	/				

#### MARINE ECOLOGY

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

#### NOISE ·

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	0. 0	uled to minimize noise nuisance?		<b>1</b> /			
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	nrottled 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		1			
EM&A: C2				J			
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment ers?	/				
NCO	Are valid construction noise per inspection?	nits, if required, available for	<b>V</b>				
NCO	Are conditions of construction n relevant part(s) of the works imp		1				
NCO	Are valid noise emission labels in held percussive breakers?	ixed at air compressors and hand		~			
	Major noise source(s)	☐ Traffic ☐ Construction activities outside the site		Constr site Others		activi	ties inside the

Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environment. Waste Management APC (Construction I APC (Open Burning Air Pollution Contro Practice Note for Pro Unknown	Plan Dust) Regulation ) Regulation	NCO: WDO;	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
Remark	AGA MANANGAN MANANGAN ANG MANANGAN MANANGAN MANANGAN MANANGAN MANANGAN MANANGAN MANANGAN MANANGAN MANANGAN MAN		AND THE PERSON NAMED IN COLUMN TWO	· · · · · · · · · · · · · · · · · · ·
		• '		
Signatures				and the top of the second seco
ET Member		Contractor's Represe	entative	
WA				
(Name in Block le		(Name in Block lette	ers:	
W.S.4	UEN	Vw. 7. Knock		

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

C/N= 04/9018

Inspection	date [3 Janob] Time 0 945 Inspect	ted By			S.Ju	
Site	LMX LAN 9 - GRS		Cont	racto	or: W.	Flank (7DK
Weather			THE PARTY OF THE P			A W. Mariella Company of the Company
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Stor
Temperate	rre [ <sup>c</sup> ] °C Humidity High ✓ Modera	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL				Marie Caracia Afficia		-
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
				1		,
AIR QUAL	ITY					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	·		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					

General Requirements					
Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	~			-	
A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
Construction Sites					
Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Sprogram
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?	✓				
	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep the entire road wet?  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	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep the entire road wet?  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	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep the entire road wet?  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	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep the entire road wet?  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	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep the entire road wet?  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

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	~				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	\frac{1}{2}				
	Loading, unloading or transfer of dusty materials			11		
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	1				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				
	Use of vehicles		ابــــــــــــــــــــــــــــــــــــ			
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?		✓			Cleary Printed By P.Y.
	Transfer of dusty materials using a belt conveyor system	· · · · · · · · · · · · · · · · · · ·		<u></u>		)
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1			-	,
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	(				
	Concrete batching plant					
EM&A:	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1				
A.2		1				
A2 EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A:		1				

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

#### WASTE/CHEMICAL WASTE MANAGEMENT

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

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
WDO	Has the Contractor been registered as a chemical waste producer?		1						
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		-						
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		-						
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?	1				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
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?	/				

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water				1	
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?					
	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 sched	duled to minimize noise nuisance?		(					
EM&A: C1	Are construction works or equip nuisance?	oment sited to minimize noise		1					
EM&A: C1	Are all plant and equipment mai conditions?	intained in good operating		1		-			
EM&A: C1/GP	Is idle equipment turned off or t	hrottled down?		1					
EM&A: C1	Are methods of working devised nuisance?	d and arranged to minimize noise		/					
EM&A: C1)	Are construction works carried on nuisance?		/						
EM&A: C2	To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some power sensitive time periods?		/						
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment ers?	V						
NCO	Are valid construction noise peri 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 fi held percussive breakers?	ixed at air compressors and hand		/	-				
	Major noise source(s)  Construction activities outside the site			Construction activities inside the site  Others					

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

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block letters:

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

Inspection	date 0 kn cb Time 09:30 Inspect	ed By	ET:		W.S	s. Yuan
Site	4MX . RRS		Cont	racto	T: W. 1	( Kwok (IDK)
Weather				(1.00°1) (2.000.0)	C-TO-THEN STEEL SHEET	
Condition	Sunny Fine Overcast Hazy		Driz	zle	Ra	nin Storm
Temperate	re C Humidity High Moderat	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL			<del> </del>			
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?		<b>/</b>			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
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					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		✓			Sprenging 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?	/				

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Ref.	Checklist Condition	N/A	Voc	No	Hale	Domanla
Nei.		1V/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)			,		
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	~				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	✓				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	-				1
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
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?	<b>/</b>				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		1			Cleaning Privided by P.Y.
	Transfer of dusty materials using a belt conveyor system			-l		7
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?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	_				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	1				

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

#### WASTE/CHEMICAL WASTE MANAGEMENT

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

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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"?		/			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		1			
	Storage, collection and transportation of waste	.1		l	1	I
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		1			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;					
	(2) reusable / recyclable materials;	/				
	(3) un-reusable / non-recyclable waste for landfill disposal.		,			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		//			

#### WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	1				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	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?	/				
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?	/				

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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?	1				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	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"?	1				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

#### NOISE ·

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks		
EM&A: C1	Are working programmes schedu	iled to minimize noise nuisance?		(					
EM&A: C1	Are construction works or equipt nuisance?	ment sited to minimize noise		1					
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		1					
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		/					
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1					
EM&A: C1)	Are construction works carried o nuisance?		1						
EM&A: C2	To mitigate construction noise du holidays, is either one of the folka) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?		1						
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		(						
NCO	Are valid construction noise perr inspection?	nits, if required, available for	1						
NCO	Are conditions of construction no relevant part(s) of the works imp	1	1						
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand							
	Major noise source(s)  □ Traffic □ Construction activities			Construction activities inside the site  Others					

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Varied Environmenta			
Waste Management I APC (Construction I APC (Open Burning) Air Pollution Control	Plan Dust) Regulation ) Regulation I Ordinance	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
THE COMMENTS AND ADDRESS OF THE SHAREST COLUMN TO SHARE THE SHAREST COLUMN TO SHARES	R-T-Alliel Letti (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1	AND THE PARTY OF T	AND THE BUTTON BEFORE AND THE PROPERTY OF THE PARTY OF TH
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	Contractor's Repres	sentative	
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Arr	Olofad in Black latt	earc:	- Constant
	APC (Construction I APC (Open Burning) Air Pollution Contro Practice Note for Pro	APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Control Unknown  Contractor's Representation of the Professional Persons (Contractor's  APC (Construction Dust) Regulation NCO: APC (Open Burning) Regulation WDO: Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Site I Unknown  Contractor's Representative  Contractor's Representative	

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

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Inspection of	late 27 Jan cb Time 09:30 Inspect	ed By	ET:	W. S	-	aen 7. Kwelc (IDE
Site	LMX - BRS	i			··W、	Their ILA
Weather			Andreader (St. Palic) yn a Allender		CORPORATION AND A CHARLES	
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	in Storm
Temperatu	re[5°C Humidity High Moderat	e	Low	7		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most 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?		✓ ×			-
			L.,,,			,
AIR QUALI	TY			4 - COMPA		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	✓ ·				
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					

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applicable and have it available for inspection?

Are haul roads paved with concrete or sprayed with water to keep

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?

Construction Sites

the entire road wet?

Stockpiling of dusty materials

EM&A: A1

Cap311R: Sch 18

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
itei.		17/1	165	110	Olik	Remarks
	Cement and dry pulverized fuel ash (PFA)			,		_
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	_				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	S				
	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?	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?	<b>V</b>				
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					7
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?	J				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant	1		L.		
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	~				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	V				
	L	L		1		

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				
Cap3110	Is open burning prohibited?		1			
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?	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?	1				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	1				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	7				
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?		1			
WMP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?		/			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		1			

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

#### WATER QUALITY

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

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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?	1	-			•
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	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?	1				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	1				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	1				

#### NOISE ·

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

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11201014141011					
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environment Waste Management APC (Construction APC (Open Burnin Air Pollution Contr Practice Note for Pr Unknown	t Plan Dust) Regulation g) Regulation	NCO: 1 WDO: 1	EM&A Manual (Construction P Noise Control Ordinance Waste Disposal Ordinance ainage)	hase)
Remark	Malakan (1974), ett 1974 (1974), ett 1974 (1974), ett 1974 (1974), ett 1974 (1974), ett 1974 (1974), ett 1974	n Jahah afulkat kemenyakan seri dan bintu yannah telebah di Asar Tinto (ni dalah keta 1981).	A STANSON OF THE PERSON OF THE	·************************************	
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		-			
Signatures				- A - 15 - 15 - 15 - 15 - 15 - 15 - 15 -	
ET Member		Contractor's Repres	sentative		
21 1120111001					
				•	
		1			
INA	<b>\</b>	$\mathcal{L}_{\mathcal{M}}$			
(Name in Block	letters:	(Name in Block lett	ters:	-	
IVI.C.Y	151	(),, 7, 1, 1			
W, 2, 11	U <i>E</i> <b>~</b> 1		^ <b>)</b>		

	date 04/01/06 Time 10:00 Inspect	ed by	ET: I	Tenu	i y 110	
			Cont	racto	r: Kier	•
Site	Transmission Route (Civil Work)					
/eather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain S
Temperatı	rre 17 °C Humidity High  Moderat	e	Lov	V		
Wind	Calm Light Breeze Strong					
ENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most 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			
IR QUAL	ITY					_
	Checklist Condition	N/A	Yes	No	Unk	Remarks
AIR QUAL	Checklist Condition	N/A	Yes	No	Unk	Remarks
		N/A	Yes	No	Unk	Remarks
Ref. Cap311R: Cap311R:	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the		Yes	No	Unk	Remarks
Ref. Cap311R: Cap311R:	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? 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	<b>*</b>	Yes	No	Unk	Remarks
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?	<b>*</b>	Yes	No	Unk	Remarks
Ref.	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? 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	<b>*</b>		No	Unk	Remarks
Ref.  Cap311R: Cap311R: Sch 12(3)  Cap311R: Sch 18 EM&A:J1  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?  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?	<b>*</b>		No	Unk	Remarks
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?  Use of vehicles  Is every load of dusty material on the vehicles leaving the	×		No	Unk	Remarks

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	Is open burning prohibited?		<b>~</b>			
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			,	
Сар466	Are wastes disposed of at licensed sites?	<b>✓</b>				
	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?	<b>1</b>				
	Chemical Waste		·			
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				
Cap354C	Has the Contractor registered as a chemical waste producer?		~	-		
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	<b>√</b>				

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?	<b>~</b>				

#### NOISE

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	<b>1</b>				
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?	<b>~</b>				i i
NCO	Are valid construction noise permits, if required, available for inspection?		<b>√</b>			LPS sites
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		<b>~</b>			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?		<b>*</b>			 

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at la monitored to avoid impact on the a species Celtis biondii, Pteris disparestricted plants Vitis balansaeana and Rhapis excellsa?	incommon and rare plant or and Ardicia pusilla, and the		<b>*</b>			
EM&A: O2	Are fences erected in accordance v in good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded ar uncommon and restricted plant spe		<b>√</b>				
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?			<b>√</b>			
		Traffic	<b>/</b>	Con the s		ion act	ivities 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

Cap311: Cap466:

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

(Name in Block letters:

(Name in Block letters:

20th December 2001

Inspection of	date 11/01/06 Time 09:30 Inspect	ed by	ET:	Hend	ry Ho	:
**	<u> </u>		Cont	racto	r: Kier	
Site	Transmission Route (Civil Work)					
Weather						1
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Stor
Temperatu	re 18 °C Humidity High  Moderat	e [	Lov	v		i
Wind	Calm Light Breeze Strong					
wina	Caim V Light Bleeze 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?		<b>√</b>			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		<b>V</b>			:
AIR QUAL	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?	<b>√</b>				-
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?	<b>√</b>				
	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?		<b>~</b>			
	Use of vehicles					3
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	<b>*</b>				!
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	<b>*</b>				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
Cap3110	Is open burning prohibited?		<b>✓</b>				
Cap311	Is black smoke emission from plant/equipment avoided?		<b>√</b>		·	 	

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials	•							
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	~							
Cap466	Are wastes disposed of at licensed sites?	1							
	Construction Waste and Excavated Materials	•				:			
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?	<b>V</b>				:			
	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)?	<b>~</b>							
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"?	<b>v</b>				!			

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?	<b>*</b>					

#### NOISE

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	<b>~</b>				
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			LPS sites
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		<b>4</b>			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?		<b>√</b>			:

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at la monitored to avoid impact on the s species Celtis biondii, Pteris dispa- restricted plants Vitis balansaeana and Rhapis excellsa?	uncommon and rare plant ar and Ardicia pusilla, and the		<b>V</b>			
EM&A: O2	in good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded ar	re fences erected in accordance with the Hoarding Plan and kept a good condition along the boundary of construction sites to revent tipping, vehicle movements, and encroachment of ersonnel into adjacent wooded areas, particularly where the rare, incommon 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?			<b>√</b>			
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?			<b>√</b>			
		Traffic	<b>✓</b>	Con:		ion act	ivities inside
	Major noise source(s)	Construction activities outside the site		Othe			

#### Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap311O: Cap311:

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

Cap466:

Remark

Dumping at Sea Ordinance

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

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block letters:

20th December 2001

Inspection d	late 18/01/06 Time 09:30 Inspect	ed by	ET: I	Eric I	Dai		İ
			Cont	racto	r: Kier		-
Site	Transmission Route (Civil Work)	<del></del>			•		: 
Weather							Ļ
Weather							
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	nin Sto	rn
Temperatu	re 20 °C Humidity High  Moderat	e	Lov	٧			
Wind	Calm Light Breeze Strong						
GENERAL							
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		<b>V</b>				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		<b>√</b>		<del></del>		
AIR QUALI	ТҮ			1			
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?	<b>*</b>					
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?	<b>~</b>					
	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?		<b>✓</b>				
	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?	<b>✓</b>					
	Miscellaneous						
Cap311R:	Are completed earthworks sealed and hydroseeded and planted as	<b>1</b>					:

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
Cap3110	Is open burning prohibited?		✓				
Cap311	Is black smoke emission from plant/equipment avoided?		<b>V</b>				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials	•				
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1				
Cap466	Are wastes disposed of at licensed sites?	1				
	Construction Waste and Excavated Materials	•				
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)?	1				
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"?	<b>~</b>				

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?	<b>✓</b>				

#### **NOISE**

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	<b>v</b>				-
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?	<b>/</b>				
NCO	Are valid construction noise permits, if required, available for inspection?		<b>*</b>			LPS sites
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		<b>√</b>			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?		<b>/</b>			

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 dispa restricted plants Vitis balansaeana, and Rhapis excellsa?	ncommon and rare plant rand Ardicia pusilla, and the		<b>√</b>			
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?			<b>~</b>			
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 prevent boundary during construction? Is to equipment provided in the work ar	emporary fire fighting		1			
		Traffic	<b>✓</b>	Con		ion act	ivities inside
	Major noise source(s)	Construction activities outside the site		Oth	ers:		

#### Abbreviation

VEP:

Varied Environmental Permit

Cap311R:

APC (Construction Dust) Regulation

Cap3110: Cap311: Cap466:

Dumping at Sea Ordinance

APC (Open Burning) Regulation Air Pollution Control Ordinance

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

Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Remark		
Signatures		
ET Member	Contractor's Representative	
(Name in Block letters: Assistant Resident Engineer	Name in Block letters:  CK LAW  Ergineer.	

Inspection	date 25/01/06 Time 09:30 Inspect	ed by	ET:	Eric l	Dai	
			Cont	racto	r: Kier	
Site	Transmission Route (Civil Work)					
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	nin Sto
Temperatu	ıre 18 °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?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		<b>√</b>			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		l		I	
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?	1				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person.  Has this been observed?	<b>√</b>				
	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?		<b>✓</b>			
	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?	<b>*</b>				
	Miscellaneous  Are completed earthworks sealed and hydroseeded and planted as					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Сар311О	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	•							
Сар466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	<b>√</b>							
Сар466	Are wastes disposed of at licensed sites?	1							
	Construction Waste and Excavated Materials								
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1							
Cap354	Are wastes disposed of at licensed sited?	<b>✓</b>							
	Chemical Waste								
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1							
Cap354C	Has the Contractor registered as a chemical waste producer?		<b>√</b>		_				
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?	<b>V</b>				

#### NOISE

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at la monitored to avoid impact on the a species Celtis biondii, Pteris dispa- restricted plants Vitis balansaeana and Rhapis excellsa?	incommon and rare plant rand Ardicia pusilla, and the		<b>V</b>			
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?			<b>V</b>			
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?			<b>~</b>			
		Traffic	<b>✓</b>	Con:		ion act	ivities inside
	Major noise source(s)	Major noise source(s)  Construction activities outside the site		Othe	ers:		

#### Abbreviation

VEP:

Varied Environmental Permit

Cap311R:

APC (Construction Dust) Regulation

Cap311O: Cap311: Cap466:

APC (Open Burning) Regulation Air Pollution Control Ordinance

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

Noise Control Ordinance

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

Unk: Unknown

Dumping at Sea Ordinance

Remark

Signatures ET Member

(Name in Block letters: Eric, K Y Dai

Assistant Resident Engineer

Contractor's Representative

Orame in Block letters:

20th December 2001

Inspection of		tea by	Cont	Ch	-Wa	NO POWER S
Site	DANDING POINT II. NZ, N4		Cont	acto	<i>- ر</i>	1 awmc Sy
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Stor
Temperatu	re [1] °C Humidity High	te 🗸	Lov	1		
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	·	L		<u> </u>	<u></u>
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	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.  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			·········		<u> </u>
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	V				
	Miscellaneous	·		<b></b>	<u></u>	
Cap311R:	Are completed earthworks sealed and hydroseeded and planted as					ſ <u>.</u>

soon as possible?

Sch 16

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap311O	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					
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		1			
Cap466	Are wastes disposed of at licensed sites?		/			
	Construction Waste and Excavated Materials					
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~				
Cap354	Are wastes disposed of at licensed sited?	V				
	Chemical Waste	•	·			<u> </u>
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	V				
Cap354C	Has the Contractor registered as a chemical waste producer?	V				
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?	<b>/</b>				

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?	V				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	/				

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at monitored to avoid impact on the species Celtis biondii, Pteris disprestricted plants Vitis balansaean and Rhapis excellsa?	V					
EM&A: O2	Are fences erected in accordance in good condition along the bour prevent tipping, vehicle moveme personnel into adjacent wooded uncommon and restricted plant s	V					
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and surrounding areas?	rmed to ensure that the work site that no damage occurs to	~				
EM&A: Q4	Is open fire prohibited and preve boundary during construction? Is equipment provided in the work	s temporary fire fighting	V				
		☐ Traffic	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Consti	ructio	n activ	ities inside the
	- Major noise source(s)	Construction activities outside the site		Other	s		

### Abbreviation VEP: Varied Environmental Permit EM&A: EM&A Manual (Construction Phase) Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance Cap311O: APC (Open Burning) Regulation 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

(Name in Block letters:

(Name in Block letters:

K Wanh

Inspection d	ate $[13/166]$ Time $[16:30]$ Inspect	ed by	ET:	C	KW	POWER SX
Site	OUTSIDE LANDENG POINT II, N28.	Nq	Cont	acto	1. (/-/	WARE SE
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	in Storm
Temperatu	re 22°C Humidity High Moderat	е	Lov	,		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		·			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUALI	Checklist Condition	N/A	Yes	No	Unk	Remarks
<del></del>	General Requirements	<u> </u>	<u> </u>	<u> </u>		
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	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.  Has this been observed?	V				
	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?	V				
	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?	V				
	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?		1			
Cap466	Are wastes disposed of at licensed sites?		1			
	Construction Waste and Excavated Materials					
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
Cap354	Are wastes disposed of at licensed sited?	/	-			
	Chemical Waste	· <b>-</b>	·			
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"?	V				

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?	<b>/</b>				

N	^	T	c	т.
1.4	• 1	,		r.

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 in good condition along the bout prevent tipping, vehicle movem personnel into adjacent wooded uncommon and restricted plant	1					
EM&A: Q3	Has regular checking been performed boundaries are not exceeded and surrounding areas?	ormed to ensure that the work site d that no damage occurs to	1				
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	Is temporary fire fighting					
		☐ Traffic	☐ ·	Const	ruetio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

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

(Name in Block letters:

YUEN,

CKWONG

Inspection d	late 20 1 06 Time [4:30 Inspect	ed by	ET:	CK	Wan	14 OWER STS
Site	aniside Landing point II, NZ & NG		Cont	racto	)r: ' <i>j - [</i>	OWEK 0431
Weather						
Condition	Sunny Fine Overcast Hazy	V	Driz	zle [	Ra	ain Storr
Temperatu	re 📝 °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?		V			
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			<del></del>		
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?	V				
	Use of vehicles				<b>4</b>	
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	V				
	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?	V				
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?	V				
Cap354	Are wastes disposed of at licensed sited?	1				
<del></del> -	Chemical Waste		·	<u></u>		L
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				
Cap354C	Has the Contractor registered as a chemical waste producer?	1				
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1				

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

#### NOISE

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

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?	1				
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?	V				
EM&A: Q3	Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?	1				•
EM&A: Q4	Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?	/				
	☐ Traffic	<u>d</u>	Const site	ructio	n activ	ities inside the
	Major noise source(s)  Construction activities outside the site		Other	s		

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

BERRY YUEN,

(Name in Block letters:

LAI KA YIN)

Inspection of	late $2+(1/06)$ Time $14=30$ Inspect	ed by	Cont	K L	V X	UNY POWZR SYS
Site	QUÍSIDE LANDING POINT II NZ DN4	-	Com	acto	1.5-/	OWER & B
Weather			······			
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	nin Storm
Temperatu	re Woderan	e V	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?		V		1	
AIR QUALI	T	<del></del>	Γ	T	<u>,                                      </u>	<del></del>
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?	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.  Has this been observed?	V				
	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?	V				
		L	L			

Use of vehicles

Miscellaneous

soon as possible?

Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?

Are completed earthworks sealed and hydroseeded and planted as

Cap311R: Sch 21(2)

Cap311R:

Sch 16

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

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?		<b>✓</b>			
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?	~				
Сар354	Are wastes disposed of at licensed sited?	V				
	Chemical Waste		<u></u>	<b></b>	<u> </u>	L.,
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?	<b>V</b>				
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?					

N	4	^	T	C	
17	м		ı	. •	Е

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?					

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 to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?		1				
EM&A: Q4	Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?		✓				
	Major noise source(s)	☐ Traffic	Construction activities inside the site  Others				
		Construction activities outside the site					

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

(Name in Block letters:

YUEN,