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 d	ate 1/2/06 Time 10 200 Inspecte	d By	ET:	actor	r: Ri	Wong - Po
Site	[1 MX - Superstructure]					0
/eather						
Condition	Sunny Fine Overcast Hazy		Drizz	zle [Ra	in Ston
Temperatu	re 🕍 °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?		<i>_</i>			
1/22 1 6	Is a copy of EIA report kept in Engineers' and Contractors' offices	-	7	-	 .	
	on site?					
	on site?	N/A	Yes	No	Unk	Remarks
AIR QUAL	on site?	N/A	Yes	No	Unk	Remarks
AIR QUAL	On site?	N/A	Yes	No	Unk	Remarks
AIR QUALI Ref. Cap311R:	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	Remarks
Cap311R: 3 Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes	No	Unk	Remarks
Cap311R: 3 Cap311R: Sch 12(3) Cap311	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Yes	No	Unk	Remarks
Cap311R: 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? Construction Sites Are baul roads paved with concrete or sprayed with water to keep	N/A	Yes	No	Unk	Remarks

Ref.	Checklist Condition .	N/A	Yes	Ν'n	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					
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?					
Sch 20(3) Cap311R:	every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return	/.	1	}		
Sch 20(3) Cap311R:	every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting	/	a district of the state of	}		
Sch 20(3) Cap311R: Sch 20(4) EM&A:	every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 in?	1				
Cap311R: Sch 20(4) EM&A:	every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 in? Concrete batching plant Are the loading, unloading, handling, transfer or storage of any	1				
Cap311R: Sch 20(4) EM&A: A2 EM&A:	every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 in? 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/Λ	Yes	No	Unk	Remarks
	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?	/				
WNIP 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?		7			
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WAIP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?		1			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

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

 $\mathbb{O}_{\mathbb{D}}$

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?	/				
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	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

			T -	Ι]				
Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks			
EM&A: Cl		luled to minimize noise nuisance?		/						
EM&A: CI	Are construction works or equip nuisance?	oment sited to minimize noise		/						
EM&A: Cl	Are all plant and equipment ma conditions?	intained in good operating		/						
EM&A: CI/GP	Is idle equipment turned off or t	hrottled down?								
EM&A: Cl	Are methods of working devised nuisance?	d and arranged to minimize noise		1						
EM&A: CI)	Are construction works carried nuisance?	re construction works carried out in a manner to minimize noise isance? o mitigate construction noise during Sunday's and public								
EM&A: C2	To mitigate construction noise of holidays, is either one of the fol a) Mitigation by portable nois b) Rescheduling of some pow sensitive time periods?					PA -				
EM&A: C3	To mitigate night time construct equipped with silencers or muff	tion noise, is dredging equipment lers?	7		,					
NCO	Are valid construction noise per inspection?	mits, if required, available for		/			-			
NCO	Are conditions of construction n relevant part(s) of the works imp	oise permits, if any, for the olemented accordingly?		/						
NCO	Are valid noise emission labels held percussive breakers?	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?					24.5			
	Major noise govern-(-)	☐ Traffic	Ø	1 Constr site	uction	activi	ties inside the			
	Major noise source(s) Construction activities outside the site				Others					

Abbreviation

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τ	:	t			
	ŧ	E	ы	EP	EP:

Varied Environmental Permit

AMP

Waste Management Plan

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

Cap311R:

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

Noise Control Ordinance NCO: WDO: Waste Disposal Ordinance

Cap311O. Cap311: PN1/94: Unk:

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unknown

Remark			
N.T.			
	^-		

Signatures

ET Member

Contractor's Representative

(Name in Blook 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 da	tte 8/2/06 Time 10 200 Inspects	ed By	ET:	racto	ry 1	Nong - PE	C
Site	LMX- Superstructure					ngo, raw	¥
Weather							-
Condition	Sunny Fine Overcast Hazy				Ra	in Stor	m
Temperatur	e 77°C Humidity High Moderat	e [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		<u> </u>				1

displayed at all vehicular site entrances/exits for public

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

AIR QUALITY

VEP 1.6

information?

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

Ref.	Checklist Condition .	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
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	1	L			<u></u>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
	Concrete batching plant					
ЕМ&Л: Л2	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?	/				
	Are all the receiving hoppers enclosed on three (3)sides up to 3m	/				
ЕМ&Л: Л2	above unloading point?	//				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscettaneous					
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?	/											
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?			1									
	General refuse												
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?												
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/										
WMP	Is the refuse disposed of regularly and properly?												
WMP	Are burning of refuse at site and dumping at sea prohibited?												
	Chemical Waste												
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/											

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks	
WDO	Has the Contractor been registered as a chemical waste producer?						
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/					
EM&Λ: 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?	/		l			
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?	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?	/				
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	1				
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	/				
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: CI	Are working programmes sched	uled to minimize noise nuisance?		/			
EM&A: Cl	Are construction works or equip nuisance?	oment sited to minimize noise		/			
EM&A: C1	Are all plant and equipment mai conditions?	intained in good operating		/			
EM&A: CI/GP	Is idle equipment turned off or t	hrottled down?	 	/			
EM&A: Ci	Are methods of working devised nuisance?	d and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried nuisance?	out in a manner to minimize noise		/			
EM&A: C2				/			
EM&A: C3	To mitigate night time construct equipped with silencers or muff	tion noise, is dredging equipment lers?	/				
NCO	Are valid construction noise per inspection?	mits, if required, available for		/			
NCO		Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		/			
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		/			
72.1	Major noise source(s)	☐ Traffic	Ø	Consti site	ructio	n activ	ities inside the
	inajor noise source(s)	Construction activities outside the site		Others	S		

Abbreviation			
VEP: WMP Cap311R: Cap311O. Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Cor Unknown	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage)
Remark			
			:
Nil.			
	6		
			7700
	, , , , , , , , , , , , , , , , , , , ,		
7			
Signatures	,		•
ET Member	Contractor's Repres	sentative	

1 6 1)

(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	date \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ed By	ET:	(GV	m (way POC
Site	LMX-U9 Super squeture		Contra		····	Jany 1600
Weather						-
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storm
Temperat	ure 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?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/		•	

AIR QUALITY

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

Ref.	Checklist Candition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Seb 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?		Жv			
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
	Transfer of dusty materials using a belt conveyor system		•			
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant	4				
ЕМ&Л: Л2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&Λ: Λ2	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	ļ

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?	/				
WNIP 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?		/			
VMP	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			1		
VMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		/	+		
WMP	Are burning of refuse at site and dumping at sea prohibited?		1			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks	
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;	/				1	
	(3) un-reusable / non-recyclable waste for landfill disposal.						
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?						

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
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				
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	7				

Ref	Checklist Condition	NIA	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				i	
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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: CI	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: CI	Are all plant and equipment mai conditions?	ntained in good operating		1			
EM&A: C1/GP	Is idle equipment turned off or the	hrottled down?		1			
EM&A: Cl	Are methods of working devised and arranged to minimize noise nuisance?			1			
EM&A: CI)	Are construction works carried out in a manner to minimize noise nuisance?			1			
EM&A: C2	holidays, is either one of the foll a) Mitigation by portable nois	b) Rescheduling of some powered mechanical equipment to less		/	,		
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment ers?	/				
NCO	Are valid construction noise pen inspection?	mits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works imp	oise permits, if any, for the elemented accordingly?		/			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			/			· · · · · · · · · · · · · · · · · · ·
	Major noise source(s)	☐ Traffic	Ø	Constr site	uction	ı activi	ties inside the
		Construction activities outside the site		Others			18-1

Abbreviation

			•
VEP:	Varied Environmental Permit		
AMP	Waste Management Plan	EM&A:	EM&A Manual (Construction Phase)
Cap3TTR:	APC (Construction Dust) Regulation	NCO:	Noise Control Ordinance
Cap311O.	APC (Open Burning) Regulation	WDO:	Waste Disposal Ordinance
Cap311:	Air Pollution Control Ordinance		
PN 1794:	Practice Note for Professional Persons (Con	nstruction Site I	Orainage)
Unk:	Unknown		
Remark			
M			

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

Lik, Word.

(Name in Block letters:

COOK WING LAAD ASO.

IEC's Representative

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

)

Name in Block Letters:

Cha. To Mo

11th November 2002

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

Inspection (late 124/06 Time [0332] Inspects	ed By	ET:	acto	my b	song P
Site	Lys- Superfriedure.		L		KIV-	مع سام
Veather						
Condition	Sunny Fine Overcast Hazy		Drizz	zie [Ra	ninS
Temperatu	re 17 °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?		<u></u>			
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
Cap311R: 3		N/A	Yes	No	Unk	Remarks
	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	N/A	Yes	No	Unk	Remarks
	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	Remarks
Sch 12(3)	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes	No	Unk	Remarks
Sch 12(3)	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes	No	Unk	Remarks
Sch 12(3) Cap311 EM&A:	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Yes	No	Unk	Remarks
Cap311R: Sch 12(3) Cap311 EM&A: A1	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep	N/A	Yes	No	Unk	Remarks

Ref.	Checklist Condition .	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
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 atarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: 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		L			
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&л: Л2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
ЕМ&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?	/				
		,			ı	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellanenus					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				
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?	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?		/						
VMP	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?	/					
ЕМ&л: Е4	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?	/				
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 rainstoms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul servers?	/				
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: GI	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?	7				

NOISE

			1			1	
Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		1			
EM&A: CI	Are construction works or equip nuisance?	ment sited to minimize noise		/			
EM&A: CI	Are all plant and equipment mail conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		/			
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried on nuisance?						
EM&A: C2				/			
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?	mits, if required, available for		/			
NCO	Are conditions of construction n relevant part(s) of the works imp			/			
NCO	Are valid noise emission labels in held percussive breakers?	fixed at air compressors and hand		/			
	Major noise source(s)	☐ Traffic		site			ities inside the
		Construction activities outside the site		Other	s		

Abbreviation			
VEP: VVIP Cap311R:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation	EM&A: NCO:	EM&A Manual (Construction Phase) Noise Control Ordinance
Cap311O. Cap311: PN1/94:	APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Cor	WDO:	Waste Disposal Ordinance Drainage)
Unk:	Unknown		
Remark			
MM			
	^-		
	THE STATE OF THE S		
Signatures			<u> </u>

(Name in Block letters:

ET Member

(Name in Block letters:

Contractor's Representative

11th November 2002

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

Inspection	date 27-606 Time 0130 Inspect	ed By	ET:	W.	Cru	<u> </u>
Site	LMX- Virt & Frethen Any		Cont	racto	W	t. Kwik (7)
Veather				THE PERSON NAMED IN COLUMN	ar-year appropriate to the second to	
Condition	Sunny Fine Overcast Hazy		Driz	zle	Ra	nin Storm
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 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					
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?		1			By P.Y.
	Stockpiling of dusty materials			,		J
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?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	•				1
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?	~				
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 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?	\ \ \				
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?	1				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	1				

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	/				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	/	,			
	General refuse					,
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		1			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		1			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?		/			
	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?		1			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		1			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		/			
	Storage, collection and transportation of waste	1	L		I	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.		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?					
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?					

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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?	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?	1				

NOISE .

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu		1				
EM&A: C1	Are construction works or equiponuisance?		1				
EM&A: C1	Are all plant and equipment maintained in good operating conditions?			1			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		1			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1			
EM&A: C1)	Are construction works carried on 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?			1			
EM&A: C3	To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers?						
NCO	Are valid construction noise permits, if required, available for inspection?						
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?			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			

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Abbreviation	
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Site Drainage) Unknown
Remark	
Signatures	
ET Member	Contractor's Representative
(Name in Block	

C/N: Of ROL2 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

Inspection	date 4 Feb 2006 Time 6 9:30 Inspect	ed By	ET:		-	Sin
Site	LMX - Unit 9 Mech. Fresten Area		Cont	racto	r. W.	7. Kwokitox
Weather					PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS	
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Stor
Temperatu	ure[17]°C Humidity High ☑ Modera	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
AIR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
		IVA	163	110	Ulik	Kenarks
Cap311R: 3	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	/				-
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	1	L			1
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Spraying By P.Y.
	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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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	✓				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	~				
	Loading, unloading or transfer of dusty materials	I	<u> </u>	1	L	l
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	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?	1				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		✓			Cleaning Provided By P.Y
	Transfer of dusty materials using a belt conveyor system		1			
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	_				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	~				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	~				
	Concrete batching plant		Andrew Persons			
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	~				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	~				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	V				
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?	V				
Cap3110	Is open burning prohibited?		V			
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?	V				-					
EM&A: E3	Are wastes disposed of at licensed sites?	1									
	Construction Waste and Excavated Materials										
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~									
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	~									
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	1									
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1									
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	2									
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?		_								
WMP	Is the refuse disposed of regularly and properly?		1								
WMP	Are burning of refuse at site and dumping at sea prohibited?		1								
	Chemical Waste										
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		/								

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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;	~				
	(2) reusable / recyclable materials;	/				
	(3) un-reusable / non-recyclable waste for landfill disposal.		/			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		/			

WATER QUALITY

)

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

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Ref	Checklist Condition	.N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	V				,
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	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?	/				
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"?	j				
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	iled to minimize noise nuisance?		~			
EM&A: C1	Are construction works or equiprinuisance?	nent sited to minimize noise		1			
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?		1			
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 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 pern inspection?	nits, if required, available for	1				
NCO	Are conditions of construction no relevant part(s) of the works impl		V				
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		1			
	No.	☐ Traffic	छ (Constr site	uction	activi	ties inside the
	iviajor noise source(s)	ajor noise source(s) Construction activities outside the site					

Cap311R: Cap311O: Cap311: PN1/94: Unk:	Waste Management Pla APC (Construction Dus APC (Open Burning) R Air Pollution Control O Practice Note for Profes Unknown	st) Regulation egulation	NCO: WDO:	•
Remark	THE PERSONAL PROPERTY OF THE P	Afternante ano dell'errori denni la estreta e dell'errori dell'err	CALLED CARROWS	OLICAN TERRITORI CAN SANTANIAN MICHAEL PROPERTORI CONTRACTORI CONTRACT
		-		
Signatures				
ET Member	•	Contractor's Representa	tive	
		M)		
(Name in Block I	etters:	(Name in Block letters: W. F. Kwek		

Abbreviation

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

inspection (13 Feb., 2006 11me 10:20 Am Inspect	ea By	Cont		7	- CC
Site	Lamma Power Station Extención - Unit 9		Cont	racio	1. C	1 Chiu
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	nin Stor
Temperatu	re °C Humidity High Moderat	te	Lov	v		
Wind	Calm Light Breeze Strong				,	
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most 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			
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?		/			
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?		/			Spray by
	Stockpiling of dusty materials		,			
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	1				

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	<u> </u>		1		1
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	. <u>l </u>	·		L	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?		/			
	Use of vehicles	l	***************************************			W
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?		/			cleamby
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/			,	
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? Concrete batching plant	/				
	mechanism to maintain the dropping height within 1 m?	✓ ✓				
Sch 20(4) EM&A:	mechanism to maintain the dropping height within 1 m? Concrete batching plant Are the loading, unloading, handling, transfer or storage of any	\tag{1}				
EM&A: A2 EM&A:	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					
EM&A: A2 EM&A: A2 EM&A:	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 spray system? Are all the receiving hoppers enclosed on three (3)sides up to 3m	\tag{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?	0				
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?	0				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1				
WMP =	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?					
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?		/			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		/			

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
WDO	Has the Contractor been registered as a chemical waste producer?		0							
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		1							
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		1							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?					,				
	Storage, collection and transportation of waste									
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		/							
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?									
	(1) public fill materials for on-site reuse, or disposal at public filling area;	1								
	(2) reusable / recyclable materials;	1								
	(3) un-reusable / non-recyclable waste for landfill disposal.		/							
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?									

WATER QUALITY

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

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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?	1				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	/	,			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	1				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	lled to minimize noise nuisance?		1			
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: C1/GP	Is idle equipment turned off or the	rottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		/			
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?	owing measures adopted?		/			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		1				
NCO	Are valid construction noise perminspection?	nits, if required, available for	V				
NCO	Are conditions of construction no relevant part(s) of the works imp		V				
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand		/	/	-	
	Major raiga course (2)	☐ Traffic	Q (Constr site	uction	activi	ties inside the
7	Major noise source(s)	☐ Construction activities outside the site	0 (Others			

Abbreviation Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance VEP: EM&A: EM&A Manual (Construction Phase) NCO: Noise Control Ordinance WMP: Cap311R: Cap3110: Cap311: PN1/94: WDQ: Waste Disposal Ordinance Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark TEC's Representative Signatures This site inspection was carried out in the presence of IEC's representative ET Member Contractor's Representative

(Name in-Block Letters:

yn (him)

(Name in Block letters:

CHILL CHIV TOL / TOK R.S.O. Name in Block Letters:

)

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

Inspection	date 23 Feb ob Time 09:30 Inspect	ed By	ET:	W.	Sīn	(HEC)
Site	LMX - Unit 9 Much- Exection Area		Cont	racto	r. W. J	L. Kwokijok)
Weather			**********			
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storm
Temperatu	re	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 update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUAL	T		I	T.,	l	I
Ref.	Checklist Condition	N/A	Yes	No	Uuk	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?		~			Spraying Bu P.Y.
	Stockpiling of dusty materials			1		J
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	1				

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

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous			1		L
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?	V							
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	7							
EM&A: E3	Are wastes disposed of at licensed sites?	V							
	Construction Waste and Excavated Materials								
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/							
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	1							
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	/							
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1.							
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/							
EM&A: E3	Are wastes disposed of at licensed sites?	1							
	General refuse								
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		~						
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		1						
WMP	Is the refuse disposed of regularly and properly?		V						
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)?		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?		V			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		~			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste'?		~			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		~			
	Storage, collection and transportation of waste					
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

40

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?	~				
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					
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 schedu	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 mail conditions?	ntained in good operating		1			
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried on nuisance?	ut in a manner to minimize noise		✓			
EM&A: C2				J			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				-
NCO	Are valid construction noise perrinspection?	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		Constr site Others		activi	ties inside the

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Appreviation	
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Site Drainage) Unknown
Remark	
	•
Signatures	
ET Member	Contractor's Representative
J. J.	Quality Plack laws

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

Inspection	date 2 FEB 2006 Time 09:10 hrs Inspect	ted By	ET:		CHIL	N/PDE. M.LO/SANK
Site	LUX -19 ELEGRICAL ERECTION AREA				·· <u>(</u>)	NI.TO I SHIVE
eather						······································
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Storn
Cemperatu	re 18 °C Humidity High Modera	te _	Lov	v		
Vind	Calm Light Breeze Strong					
ENERAL						• • • • • • • • • • • • • • • • • • • •
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
/EP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
/EP 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	14/11	163	1110	Olik	Remarks
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any 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?	/	ř			
	Construction Sites					
EM&A : 1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		✓			WATER SPRAY
	Stockpiling of dusty materials		•	•	•	" <u>~*****</u>
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	1				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	• " '	•			-
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	V				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	V				
	Loading, unloading or transfer of dusty materials	•				·
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	V				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	V				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			Wheel Washer Services Provide By Paul Y
	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?	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	1				
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: Λ2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	√				
EM&A:	Are all the conveyor transfer points totally enclosed?	1.7				

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?	1				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	J				-
EM&A: E3	Are wastes disposed of at licensed sites?	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?	0			:	
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	S				
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?	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?		V		,	
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		V			
WMP	Is the refuse disposed of regularly and properly?		V			
WMP	Are burning of refuse at site and dumping at sea prohibited?	İ	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?	1				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	1				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1				
	Storage, collection and transportation of waste			<u> </u>		
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		V			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	1				
	(1) public fill materials for on-site reuse, or disposal at public filling area;					
	(2) reusable / recyclable materials;					
·	(3) un-reusable / non-recyclable waste for landfill disposal.					
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?					

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
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?	ν				
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?	/				
	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?	5				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	1				

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	V				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	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	Nο	Unk	Remarks
EM&A: C1	Are working programmes schedu	ıled to minimize noise nuisance?		U			
EM&A: C1	Are construction works or equipr nuisance?	ment sited to minimize noise		V			
EM&A: C1	Are all plant and equipment mair conditions?	and equipment maintained in good operating					
EM&A: C1/GP	Is idle equipment turned off or th						
EM&A: C1	Are methods of working devised nuisance?						
EM&A: C1)	Are construction works carried o 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 equipped with silencers or mufflet		J				
NCO	Are valid construction noise perminspection?	nits, if required, available for	V				***************************************
NCO	Are conditions of construction no relevant part(s) of the works imp		J				
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand	V				
	Major poice course(s)	☐ Traffic		Consti site	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

VEP: WMP:	Varied Environmental Permit	* • ₁₆	
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 (Cor Unknown	EM&A: EM&A M NCO: Noise Coi WDO: Waste Dis	anual (Construction Phas nrol Ordinance posal Ordinance
Remark			
		_	
	A LONG		
-			4 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
			- FLOOR
Signatures			
	Contractor's Repres	entative	

(Name in Block letters:

12th January 2005

T.F. CHIN)

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

Inspection	date & Feb 2006 Time 09:45 hrs Inspect	ed By	ET:	T.F	CHILL T. DO-TO	PDE-
Site	LMX - L9 FIETRICOL TREETION ARCH		Com		·· [E]6	KUIFAG 1711
Veather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Storm
Temperatu	re C Humidity High Modera	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most 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?		V			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u> </u>			<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?	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?	1./				
	Construction Sites					
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			PROVIDED BY
	Stockpiling of dusty materials	1	1	1	L	11 -V41 D-D
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	V				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	V				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	•	•			
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?	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?		/			Wheel Wards Serves Provide Paul Y
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	V				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	V				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1		- "		
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	~				
EM&A: A2`	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	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?	V				
Cap311O	Is open burning prohibited?		1			
Cap311	Is black smoke emission from plant/equipment avoided?		1			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks					
	Dredged Materials										
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	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?	✓									
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	J									
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?	V									
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?		√								
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		v								
WMP	Is the refuse disposed of regularly and properly?		v								
WMP	Are burning of refuse at site and dumping at sea prohibited?				Ĺ						
	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?	V							
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	V							
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1							
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		1						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	1							
	(1) public fill materials for on-site reuse, or disposal at public filling area;								
	(2) reusable / recyclable materials;								
	(3) un-reusable / non-recyclable waste for landfill disposal.								
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	1							

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	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			Abbitantivas iras	
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (e.g. aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	V				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	V				
	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					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	V				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	1				

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu			V			
EM&A: C1	Are construction works or equipr nuisance?	nent sited to minimize noise		1			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		V			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		V			
EM&A: C1	Are methods of working devised nuisance?		V				
EM&A: C1)	Are construction works carried or nuisance?		1				
EM&A: C2	holidays, is either one of the follo a) Mitigation by portable noise	b) Rescheduling of some powered mechanical equipment to less					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		1				
NCO	Are valid construction noise perminspection?	nits, if required, available for	J				
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 hand held percussive breakers?						-
•	Malanaia	☐ Traffic	IJ/	Const site	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

Abbreviation

VEP:

Varied Environmental Permit

WMP: Cap311R: Cap3110: Waste Management Plan

APC (Construction Dust) Regulation

APC (Open Burning) Regulation

Air Pollution Control Ordinance

Cap311: PN1/94:

Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Remark		
	••	
	 	M. 4 247-454 1971
	 	·6***
AL ANDREW	 	MAN .
Signatures		

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

Noise Control Ordinance

Waste Disposal Ordinance

NCO:

WDO:

ET Member

PETER CHENG)

Contractor's Representative

SANKO

12th January 2005

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

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Inspection	10 1000	ted By	ET:	7.	T.CH	ALLENG 1800				
Site LMX-L9 ELETRICAL ERECTION DRZA										
Weather										
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Stor	m			
Temperati	re °C Humidity	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		1	1			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks]			
11017	General Requirements		103	110	O III	I I I I I I I I I I I I I I I I I I 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?	/								
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		V				-			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/								
	Construction Sites									
EM&A:	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			UNTER SPRA	YNG Paul			
	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)		l		<u></u>	
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	V				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	V				
EM&A: AI	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
****	Use of vehicles	1				
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 Washi Suros Prov Pal Y
	Transfer of dusty materials using a belt conveyor system					1,00,1,
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	V				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	V				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	V				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/	•			***************************************
	Concrete batching plant					<u> </u>
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?	V				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?					<u>.</u>
A2		レレー	ı	1	- 1	

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

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?	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?	/				
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?	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?		J			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		√			
WMP	Is the refuse disposed of regularly and properly?		, V			
WMP	Are burning of refuse at site and dumping at sea prohibited?		$\sqrt{}$			
	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?	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>							
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	7							
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?		1						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	1							
	(1) public fill materials for on-site reuse, or disposal at public filling area;								
	(2) reusable / recyclable materials;								
	(3) un-reusable / non-recyclable waste for landfill disposal.								
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?								

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	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?	V				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?					
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	J				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	1			<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?	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?	U				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	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 schedu	led to minimize noise nuisance?		J				
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		V	.,			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		1				
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1				
EM&A: C1)	Are construction works carried o nuisance?		J					
EM&A: C2	To mitigate construction noise du holidays, is either one of the folloa) 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		1	:				
NCO	Are valid construction noise pern inspection?	nits, if required, available for	1					
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	V				
		☐ Traffic	团		uction	n activ	ities inside the	
	Major noise source(s)	Construction activities	site Others					

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

12th January 2005

PETER CHENG

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

Inspection	date Da Tehdus 6 Time 09:15 hrs Inspect	ed By	ET:	7.F.	CHIN	/PDE
Site	LMX-L9 ELEGIDEAL ERECTION DOEA.		Cont	iacio	<u>raa</u>	ZOIGNEJ ISAN
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Stori
Temperatu	re Humidity High Modera	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1			
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?	/				
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	•	1			ř
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			LATER SPRAYG PROVIDED BY
	Stockpiling of dusty materials			'		<u> </u>
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?					

	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)		.·		I	
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	V				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	·	·	JI		
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?	J				
 	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1		-		
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		$\sqrt{}$			WHEEL WASHING SERVICES PRIVID PANLY
	Transfer of dusty materials using a belt conveyor system	1	l	<u> </u>		PANL
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?	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 I m?	1				7,2,1,1
	Concrete batching plant					
	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: 12	dusty materials carried out in a totally eliciosed system?	V				
	Are dusty materials, except cement and dry PFA, wetted by water spray system?	v				
A2 EM&A:	Are dusty materials, except cement and dry PFA, wetted by water					

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
	Dredged Materials	•								
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	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?	1								
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1								
EM&A: E3	Are wastes disposed of at licensed sites?									
	General refuse									
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		V							
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?		$\sqrt{}$							
	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?	1							
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1							
	Storage, collection and transportation of waste								
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?	J							
	(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?	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?	J				
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	1				
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	V				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	/				

MARINE ECOLOGY

Checklist Condition	N/A	Yes	No	Unk	Remarks
Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	~				
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				
Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	1				
	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? 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"? Is rubble mound seawall constructed to the south and west edges	Checklist Condition Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? 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"? Is rubble mound seawall constructed to the south and west edges	Checklist Condition Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? 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"? Is rubble mound seawall constructed to the south and west edges	Checklist Condition Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? 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"? Is rubble mound seawall constructed to the south and west edges	Checklist Condition Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals? 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"? Is rubble mound seawall constructed to the south and west edges

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		V			
EM&A: C1	Are construction works or equipt nuisance?	nent sited to minimize noise		Ÿ,			
EM&A: CI	Are all plant and equipment mair conditions?	itained in good operating		۲.			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		V			, , , , , , , , , , , , , , , , , , ,
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		V			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		/			
EM&A: C2	To mitigate construction noise du holidays, is either one of the folla a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		√			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V			,	
NCO	Are valid construction noise pern inspection?	nits, if required, available for	V				
NCO	Are conditions of construction no relevant part(s) of the works imple		V				
NCO	Are valid noise emission labels fixed at air compressors and har held percussive breakers?						
	Molor poice covered	☐ Traffic	Ū	Consti site	uction	activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Others	·		

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

12th January 2005

T.F. CHILL

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

Inspection	date 37th 06 Time 09:10 Inspect	ed By	ET:	Ŋ	2	Yuen
Site	LMX - GRS	'	Cont	racto	r: W.	to Knok (TXC)
Weather					CONTRACTOR SEC	e de distribuir de la composition della composit
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	uin Storm
Temperatu	re C Humidity High Moderat	e [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?		<i>J</i>			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		l			
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	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?		J			
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-Z	l			
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			By PY
	Stockpiling of dusty materials					J
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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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				1	
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	1				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	~				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			Cleary Prosted
	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?	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 I 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?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	_				
EM&A:	Are all the conveyor transfer points totally enclosed?	1				

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				-
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					·
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
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?	7				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		1			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?		/			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		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?		1			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		/			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste''?		1			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		/			
	Storage, collection and transportation of waste	-				
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		/			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/				
	(2) reusable / recyclable materials;	/				
	(3) un-reusable / non-recyclable waste for landfill disposal.		1			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		/			

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?	1				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	1				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	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?	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?		1			
EM&A: C1	Are construction works or equipanuisance?	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?	-	1			-	
EM&A: C1)	Are construction works carried o 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?						
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 f held percussive breakers?	ixed at air compressors and hand	(
	Major noise source(s)	☐ Traffic ☐ Construction activities outside the site	ļ.	☐ Construction activities inside the site ☐ Others			

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Abbreviation					
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Waste Management Pl APC (Construction Du APC (Open Burning) F Air Pollution Control (Practice Note for Profe Unknown	an st) Regulation Regulation Ordinance	NCO: N WDO: V	M&A Manual (Constructi loise Control Ordinance Vaste Disposal Ordinance ninage)	on Phase)
Remark	inden vinterangus primerius <u>and makeur</u> a ("Ezer Zaldander vieter Saldander et di	ar kanniferraturkan galan dari kerencelandah dan merupakan diberkan dari berasak berasak diberkan dari berasak		TO SAN THE COMPANY AND THE COM	
Signatures					
ET Member		Contractor's Repres	sentative		
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wix	J	M			
(Name in Block	<i>^</i>	(Name in Block lett	ers:		
W->1	VEN)	W. F. L.k)		

C/N: 04/9018 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

Inspection	date 10 Feb 2000 Time 09:30 Inspect	ed By	ET:		W.S.	Yuen
Site	LMX - Bas Receiving Station		Cont	racto	r: W.F	Kwak (7DK
Weather				DAMES OF STREET		
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Stor
Temperatu	re 19 °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?		\ \ \		-	
AIR QUAL	T		I	Г		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	,	·			
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		~			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	~				
	Construction Sites	1	-L		L	
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			Spraying By P.Y.
	Stockpiling of dusty materials			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)		L			1
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?	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?	1				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	✓				
	Use of vehicles		L		<u> </u>	<u></u>
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	✓				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		1			Cleaning Provided By P.Y.
	Transfer of dusty materials using a belt conveyor system					()
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	V				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	✓				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	✓				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	✓				
	Concrete batching plant				<u> </u>	
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	V				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	✓				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	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?		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?	1								
	Construction Waste and Excavated Materials									
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1								
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	1				****				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	J								
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	V-								
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/								
EM&A: E3	Are wastes disposed of at licensed sites?	~								
	General refuse									
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/							
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		~							
WMP	Is the refuse disposed of regularly and properly?		/							
WMP	Are burning of refuse at site and dumping at sea prohibited?		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)?		~							

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

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?	\ \[\sigma^{-1} = \frac{1}{2}				
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				
D 14 10 1	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?	/				

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

MARINE ECOLOGY

)

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

NOISE .

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?					
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise		1			
EM&A: C1	Are all plant and equipment main conditions?	oment maintained in good operating					
EM&A: C1/GP	Is idle equipment turned off or the	Is idle equipment turned off or throttled down?					
EM&A: C1	Are methods of working devised nuisance?		1				
EM&A: C1)	Are construction works carried or nuisance?		1				
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?		~				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		-				
NCO	Are valid construction noise perm inspection?	nits, if required, available for	~				
NCO	Are conditions of construction no relevant part(s) of the works impl		/				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			~			
	N	☐ Traffic	D.	Constr site	uction	activi	ties inside the
	Major noise source(s)	☐ Construction activities outside the site	Others				

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	VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmenta Waste Management I APC (Construction D APC (Open Burning) Air Pollution Control Practice Note for Pro- Unknown	Plan Pust) Regulation Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
	Remark			THE PERSON NAMED IN COLUMN	
			•		
					•
,				W	
,					
	Signatures				
	ET Member		Contractor's Representa	ative	
,	(Name in Block le	etters:	Name in Block letters:		
. *	WSY	JEN,	W. T. Kwik	_)	

Abbreviation

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

Inspection	date (7/2/06) Time (6:3) Inspect	ed By			7	T Chin
0 ':	1 0 11 mt 1 10		Cont	racto	r: 'C	T Chiu
Site	Lamma Power Station Extension - Gg RS					
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Stor
Temperatu	re[8] °C Humidity High Modera	te 📝	Z Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		L,	<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?	/				
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?		/			
Сар311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	1				
	Construction Sites		I	I	L.,	I
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Spray 69
	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	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	•				
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	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?		/			
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?		/			Clamby PY
	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?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					•.
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous		163	1.40	Ciik	Kemarks
Cap311R: Sch 16	Are completed earthworks sealed aded and plan soon as possible?	ted as				
Cap3110	Is open burning prohibited?	V				
Cap311						
	Is black smoke emission from plant avoided?					

WASTE/CHEMICAL WASTE MANAGEM

Ref	Checklist Condition	N/A	Yes	No	Unk	Remark
	Dredged Materials		l	<u></u>	l	
WMP	Does the approximately					
EM&A:	Does the appropriate contractor post dumping permits for dredged marine mud and have theme for inspection?	1				
WMP	Has the					1
EM&A:	records/ticketing system and made thisble for inspection?	1			.,	
EM&A:	E3 Are wastes disposed of at licensed si		<u>, </u>			
	Construction Waste and Excavateerials					
WMP	Does the Contract					
EM&A: E	Does the Contractor possess a valid Dumping License for construction waste and excavated ma and make it available for inspection?					
WMP	Han the O					
WMP	Has the Contractor maintained disposcords for the construction waste and excavated mals, and made them available for inspection?	/				
WMP	Is suitable concrete week.					
WMP	Is suitable concrete waste/excavated raial used for on-site reclamation/filling works?					
WINIP	Are the used formworks reused as far possible before being disposed of in a landfill site?					
VMP					1	
	Are the remaining unsuitable excavatematerials disposed of at the public filling areas?					
M&A: E3						
	Are wastes disposed of at licensed site?					
	General refuse				1	
MP	Has the Contractor					
40	Has the Contractor maintained a disposal record for garral refuse and made it available for inspection?		/			
МР	Is general refuse stored within receptacles and separated from chemical wastes?					
	Is the refuse disposed of regularly and properly?					
	Are burning of refuse at site and dumping at sea prohibited?					
	chemical waste					
&A:	las the contractor obtained at					
(1)	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?					
	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;	1				
	(3) un-reusable / non-recyclable waste for landfill disposal.		/			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		/			

WATER QUALITY

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

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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				
	Weel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	V				

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes sched	uled to minimize noise nuisance?		1			
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		1			
EM&A: C1/GP	Is idle equipment turned off or th	nrottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried on uisance?		1				
EM&A: C2		uring Sunday's and public owing measures adopted? e barriers at noise sources or cred mechanical equipment to less		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	V		•		
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	1	Constru	uction	activi	ties inside the
	Major noise source(s)	Construction activities outside the site	0 (Others			

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: PN1/94: Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures IEC's Representative ET Member Contractor's Representative This site inspection win the presence of IEE in the prese) (Name in Block letters: (Name in Block letters:

Chin chia Tha)

0419018

C/N = 04 / 9018 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

Site LMX - LMT { - BDS Weather Condition Sunny Fine Overcast Hazy Drizzle Temperature Condition High Moderate Low		Rain Storm
Site	ain Storm	
	R	ain Storm
Temperature Humidity High Moderate Low		
Wind Calm Light Breeze Strong		
GENERAL		,
Ref. Checklist Condition N/A Yes N	Unk	Remarks
VEP 1.5 Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information? ✓		
VEP 1.6 Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks		
	General Requirements	 	I			<u> </u>		
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	✓						
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		V					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	✓						
	Construction Sites							
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			Sprayny By A.Y.		
	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			L
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?	√ ¹				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		✓			Cleaning Privided By P.Y.
	Transfer of dusty materials using a belt conveyor system					3
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	✓				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	✓				
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?	✓			- turner rock	
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	_				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	~				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	~				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	~				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	/				

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

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?	/				
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?	~				
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	V				
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		\			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?					
WMP	Is the refuse disposed of regularly and properly?					
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		~			

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

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
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?	V				

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	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?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu			~			
EM&A: C1	Are construction works or equipmoutsance?	nent sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		1			
EM&A: C1	Are methods of working devised nuisance?	vised and arranged to minimize noise					
EM&A: C1)	Are construction works carried or 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?		<i>y</i>				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		1				
NCO	Are valid construction noise perminspection?	nits, if required, available for	1				
NCO	Are conditions of construction no relevant part(s) of the works impl		✓				
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		/			
	Main main annua (2)	☐ Traffic	日	Constr site	uction	activi	ties inside the
	- Major noise source(s)	☐ Construction activities outside the site		Others			

Abbreviation

VEP:

Varied Environmental Permit

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

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

Noise Control Ordinance Waste Disposal Ordinance

Waste Management Plan
APC (Construction Dust) Regulation
APC (Open Burning) Regulation
APC (Open Burning) Regulation
Air Pollution Control Ordinance
Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

Remark		
And the second s	44 144	
	 7/M/10_11014.1	
Signatures		

ET Member

Contractor's Representative

(Name in Block letters:

Inspection d	ate 02/02/06 Time 09:30 Inspect	ed by	ET: I		Dai r: Kier	
Site	Transmission Route (Civil Work)					
Weather				·		i
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storm
Temperatu	re 18 °C Humidity High Moderat	e	Low	,		
Wind	Calm Light Breeze Strong					1
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		✓			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		✓			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	General Requirements	•							
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	*							
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	~				į			
	Stockpiling of dusty materials								
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		✓						
	Use of vehicles								
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1							
	Miscellaneous								
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	~							

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials	•	•						
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)?	~							
Cap354C	Has the Contractor registered as a chemical waste producer?		√						
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1							

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

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?	✓				
NCO	Are valid construction noise permits, if required, available for inspection?		✓			LPS sites
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 la monitored to avoid impact on the uspecies Celtis biondii, Pteris disparestricted plants Vitis balansaeana, and Rhapis excellsa?	incommon and rare plant r and Ardicia pusilla, and the		√			
EM&A: O2	Are fences erected in accordance win good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded are uncommon and restricted plant spe		*				
EM&A: Q3		Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?					
EM&A: Q4	Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?			√			
·		Traffic	✓	Con		ion act	ivities inside
	- Major noise source(s)	Construction activities outside the site		Oth	-		

Abbreviation

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

Cap3110: Cap311: Cap466:

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

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

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown

Remark		
		· · · · · · · · · · · · · · · · · · ·
		
Signatures		· :
ET Member	Contractor's Representative	
	٨	
1, 1	1	:
	<u> </u>	
(Name in Block letters:	Name in Block letters:	
Eric, K Y Dai	Name in Block letters: CKLAW Engineer.	
Assistant Resident Engineer	Engineer.	

Inspection d	late 08/02/06 Time 09:30 Inspect	ted by	ET:			
Site	Transmission Route (Civil Work)		Cont	racto	r: Kier	
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Sto
Temperatu	re 18 °C Humidity High Moderat	te	Lov	٧		
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?		✓			
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					<u> </u>
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	~				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	~				
	Stockpiling of dusty materials			•		·
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		✓	:		:
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	·				
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials								
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?	V							
	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	<u> </u>					
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?	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?		~			LPS sites
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 la monitored to avoid impact on the u species Celtis biondii, Pteris dispar- restricted plants Vitis balansaeana, and Rhapis excellsa?	incommon and rare plant rand Ardicia pusilla, and the		√			
EM&A: O2	Are fences erected in accordance win good condition along the boundar prevent tipping, vehicle movement personnel into adjacent wooded are uncommon and restricted plant spe		1				
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 are		1				
		Traffic	/	Con		ion act	ivities inside
	Major noise source(s)	Construction activities outside the site		Oth	ers:		1

Abbreviation

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

nvironmental Permit EM&A: EM&A Manual (Construction Phase)
nstruction Dust) Regulation NCO: Noise Control Ordinance
en Burning) Regulation Cap354: Waste Disposal Ordinance
tion Control Ordinance Cap354c: WDO (Chemical Waste) (General) Regulation

Cap466: Dumping at Sea Ordinance Unk: Unknown

Remark				
		· · · · · · · · · · · · · · · · · · ·		
	<u> </u>	· · · · · · · · · · · · · · · · · · ·	 	
Signatures				

111

ET Member

(Name in Block letters: Eric, K Y Dai

Assistant Resident Engineer

Name in Block letters:

Contractor's Representative

Engineer

Inspection d	late 15/02/06 Time 09:30 Inspect	ted by	ET: I	Eric I	Dai	
Site	Transmission Route (Civil Work)		Cont	racto	r: Kier	
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	nin Stor
Temperatu	re 21 °C Humidity High Moderat	te	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?		~			
						<u> </u>
AIR QUALI	TY					
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?	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?	√				
	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		~			
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1				
	Miscellaneous	•				
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	~				

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

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

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

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?	~				
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 la monitored to avoid impact on the u species Celtis biondii, Pteris dispa restricted plants Vitis balansaeana and Rhapis excellsa?		~				
EM&A: O2	Are fences erected in accordance win good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded are uncommon and restricted plant spe		~				
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?			~			-
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is t equipment provided in the work ar	emporary fire fighting		*			
		Traffic	/	Construction activities the site		ivities inside	
	Major noise source(s)	Construction activities outside the site	Others:				

Abbreviation

Cap466:

VEP: Varied Environmental Permit
Cap311R: APC (Construction Dust) Regulation
Cap311O: APC (Open Burning) Regulation
Cap311: 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

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Signatures

ET Member

Contractor's Representative

(Name in Block letters: Dai

Assistant Resident Engineer

Name in Block letters:

(C. K. LAD)

Engineer.

20th December 2001

Inspection	date 22/02/06 Time 09:30 Inspect	ted by	ET: I			
Site	Transmission Route (Civil Work)		Cont	racto	r: Kier	
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	uin Stor
Temperatu	ure 22 °C Humidity / High Moderate	te _	Lov	٧		ļ
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?		*	<u> </u>		
AIR QUAL	Checklist Condition	N/A	Yes	No	Unk	Remarks
Rei.	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			Т-		
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		✓			
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	*				
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				

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

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

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

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: 1.2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	*				
NCO	Are valid construction noise permits, if required, available for inspection?	~				
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	~				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	*				

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	monitored to avoid impact on the uspecies Celtis biondii, Pteris dispa	activities at landing points N4 & N5 closely npact on the uncommon and rare plant i, Pteris dispar and Ardicia pusilla, and the balansaeana, Pterospermum heterophyllum					
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		*				
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?			*			
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is t equipment provided in the work ar	emporary fire fighting		/			
		Traffic	✓	Construction activities insi		ivities inside	
•	- Major noise source(s)	Construction activities outside the site		Others:			

Abbreviation

VEP:

Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation

Cap311R: Cap311O: Cap311:

Air Pollution Control Ordinance

Cap466:

Dumping at Sea Ordinance

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

Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown

Remark

Signatures

ET Member

(Name in Block letters: Eric, K Y Dai

Assistant Resident Engineer

Contractor's Representative

(Name in Block letters:

20th December 2001

Inspection d	late $3/2/06$ Time $15-30$ Inspect	ted by	ET:	Cracto	Κη r: T-	104 G POWER SXS	Sem S
Site	OUISIDE LANDING POINT EI N2 & N4				<u> </u>	(a virico fo	um)
Weather							
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storm	
Temperatu	re 23 °C Humidity High Moderat	te [Lov	7			
Wind	Calm Light Breeze Strong						_
GENERAL							-
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/				
AIR QUALI	ту						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	•		<u> </u>	<u> </u>	
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	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?	/				
	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?	1				
	Use of vehicles		L			
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	✓				
	Miscellaneous		1	•		
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		\nearrow			
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		l			,
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?	~				
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?					

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	1				
EM&A: L2~L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	V	-1 · ·			
NCO	Are valid construction noise permits, if required, available for inspection?	~				
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	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	monitored to avoid impact on the species Celtis biondii, Pteris disp	•	/				
EM&A: O2	in good condition along the bour prevent tipping, vehicle moveme	ents, and encroachment of areas, particularly where the rare,	\				
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	1				
EM&A: Q4	Is open fire prohibited and preve boundary during construction? Is equipment provided in the work	s temporary fire fighting	1				
		Г	107	·			
	Malaumina annua (2)	☐ Traffic		Consti	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

Abbreviation			
VEP: Cap311R: Cap311O: Cap311: Cap466:	Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance	EM&A: EM&A Manual (Const NCO: Noise Control Ordinan Cap354: Waste Disposal Ordina Cap354c: WDO (Chemical Waste Unk: Unknown	ce nce
Remark			
N(A		
According to the second			
Signatures ET Member	Contractor's Repres	entative	

BERKY YUZN,

CKWONL,

Inspection of	late [10/2/06] Time [11:00] Inspect	ted by	ET:	CI	KW	ONG POWERS
Site	OUTSIDE LANDING POINT II, NZ & M	14	Cont	racto	r: (- /	OWNES
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Stor
Temperatu	re O Humidity High Moderat	te	Lov	V		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	J		<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?	~				
	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	<u> </u>	l	1	I	L
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	S				
	Miscellaneous	<u>. </u>	l	L	l	<u> </u>
	1.110-01141-1-040					

soon as possible?

Sch 16

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials		<u> </u>		L	<u> </u>
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		/			
Cap466	Are wastes disposed of at licensed sites?					
	Construction Waste and Excavated Materials	<u> </u>			L	
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		L.,		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?	1				
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V				

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

ATA.	CITA
711	151.

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1			~				
EM&A: O2	in good condition along the bou prevent tipping, vehicle moveme	ents, and encroachment of areas, particularly where the rare,	V				
EM&A: Q3	Has regular checking been performed boundaries are not exceeded and surrounding areas?	ormed to ensure that the work site I that no damage occurs to	√				
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting	1				
		☐ Traffic	M	Consti	ructio	n activ	ities inside the
Major noise source(s)		Construction activities outside the site					

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

Page 4 of 4

(Name in Block letters:

BERRY

(Name in Block letters:

CKWONG,

Inspected by ET: KY LA 1

Time 11:00

Site	ONTEIDE LONDING POINT II, NZ GNG	4	Cont	racto	r: J -	Power SYSTEN
Weather						1 10 10 10
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Storm
Temperatu	re 7 °C Humidity High Moderat	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL				<u> </u>		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		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	L	l	<u> </u>		
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	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	•, •				
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				

Inspection date

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?		/			
Cap466	Are wastes disposed of at licensed sites?		1			
	Construction Waste and Excavated Materials		•		•	<u>'</u>
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
Cap354	Are wastes disposed of at licensed sited?	/				
	Chemical Waste			1		
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	~				
Cap354C	Has the Contractor registered as a chemical waste producer?	1				
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				_

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	/				
EM&A: L2~L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	1				
NCO	Are valid construction noise permits, if required, available for inspection?	1				
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	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	monitored to avoid impact on the species Celtis biondii, Pteris dis		1					
EM&A: O2	in good condition along the bour prevent tipping, vehicle movement	ents, and encroachment of areas, particularly where the rare,	/					
EM&A: Q3	Has regular checking been perfo 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? I equipment provided in the work	s temporary fire fighting	V					
		☐ Traffic	<u> </u>		ructio	n activ	ities inside the	
Major noise source(s)		Construction activities	site Others					

Abbreviation

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

(Name in Block letters:

(Name in Block letters:

LAI KA YIN)

Inspection of	late 24/2 (06) Time 15-30 Inspect	ed by	ET:	K	L L	AU
Site	QUISIDE LANDING POINT II, NZ &N	۴	Cont	racto	r: / - /	Paurik S
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Storm
Temperatu	re Koc 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?		/			
AIR QUALI Ref.	TY Checklist Condition	N/A	Yes	No	Unk	Remarks
		1477	103	110		Remarks
Cap311R:	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	/				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	/				
	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	1				
	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?	1				
	Missellaneous	L	L	لــــــا		l

Are completed earthworks sealed and hydroseeded and planted as

soon as possible?

Cap311R:

Sch 16

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

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

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

		S	

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at 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?						
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting					
		☐ Traffic	Construction activities inside the site Others				ities inside the
	Major noise source(s)	Construction activities outside the site					

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

NCO: Cap354: Cap354c:	Noise Control C Waste Disposal	 ,

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

VI (A)

(Name in Block letters: