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.)

Lam	ma Power Stat	The Hongkong Election ion Extension – Sig Superstructur Veekly Site Inspect	te Formation, e Works	_
Inspection date	7/12/08	Time (0:30	Inspected	By ET: Lamy Worg Contractor: Paul Y-Ring
Weather				
Condition	Sunny	Fine Overca	st Hazy	Drizzle Rain Storm
Temperature]℃	Humidity 🔛 High	Moderate	Low

Breeze Strong

GENERAL

Wind

Calm Light

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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?		/			

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AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		1			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		7			
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	łł				L
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		[
	Stockpiling of dusty materials	<i>م</i> ے۔۔۔۔		4		4 <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?	\langle				

Page 1 of 7

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				-
	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 entircly by clean impervious sheeting?				1. J. F.	
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	I	1		. I	
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?	7	1			
	Concrete batching plant				1.	
ЕМ&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?	/		-		
ЕМ&Л: Л2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
	Are all the conveyor transfer points totally enclosed?			-	1 ·	

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

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WASTE/CHEMICAL WASTE MANAGEMENT

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

Page 4 of 7

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	1			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?			{		

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MARINE ECOLOGY

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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 nubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

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Ref	Checklist Condition	· · · · ·	N/A	Yes	No	Unk	Remarks
EM&A : Cl	Are working programmes schedu	iled to minimize noise nuisance?					
EM&A: Cl	Are construction works or equipt nuisance?	ment sited to minimize noise		/			
EM&A: Cl	Are all plant and equipment main conditions?	ntained in good operating		1			
EM&A: Cl/GP	Is idle equipment turned off or th	nrottled down?		\checkmark			
EM&A: Cl	Are methods of working devised nuisance?		/			· · · · · · · · · · · · · · · · · · ·	
EM&A: Cl)	Are construction works carried on nuisance?		/				
EM&A: C2	 To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods? 		1				
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		1			
NCO	Are conditions of construction normalized relevant part(s) of the works imp			/			
NCO	Are valid noise emission labels f held percussive breakers?						
	Moior noise servers(a)	Traffic	Ø	Const site	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

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Page 6 of 7

Abbreviation

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

Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

Larry L. K. Won

(Name in Block letters: Wong Ho Hom

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	14/12/	oY Time	10:30	Inspected	By ET: Lamy Wong Wong Contractor: Paul Y - Rings
Site	LMX	-Superst	noture.		<u> </u>
Weather					
Condition					Drizzle Rain Storm
Temperature	¥]∘c	Humidi	ty 🔄 High	Moderate	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?		6			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			

AIR QUALITY

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

Page 1 of 7

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					·····
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?					
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles	÷ .				
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?		1			
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant	- 4				<u> </u>
ЕМ&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?	/		-		
ЕМ&Л: Л2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/	1			
EM&A:	Are all the conveyor transfer points totally enclosed?	+				

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

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WASTE/CHEMICAL WASTE MANAGEMENT

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				
EM&A: E3	Are wastes disposed of at licensed sites?					
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/			
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?					
	General refuse			·		
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		1			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?		1			
-	Chemical Waste					
ем&л: Ез	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	Ν/Λ	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?	1						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?							
	 public fill materials for on-site reuse, or disposal at public filling area; 	1						
	(2) reusable / recyclable materials;	/						
	(3) un-reusable / non-recyclable waste for landfill disposal.	1						
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	1						

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WATER QUALITY

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off			•	•	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?					
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (c,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?	1				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	/				
	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

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: Gl	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

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A : C1	Are working programmes sched	uled to minimize noise nuisance?		1				
EM&A: Cl	Are construction works or equip nuisance?	ement 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 t	hrottled down?		7				
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		1				
EM&A: Cl)	Are construction works carried nuisance?	out in a manner to minimize noise		7				
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?	turing Sunday's and public lowing measures adopted? se barriers at noise sources or ered mechanical equipment to less		1				
EM&A: C3	To mitigate night time construct equipped with silencers or muff	ion noise, is dredging equipment ers?	1		•		· · · · · · · · · · · · ·	
NCO	Are valid construction noise per inspection?	mits, if required, available for					- <u></u>	
NCO	Are conditions of construction n relevant part(s) of the works imp	oise permits, if any, for the elemented accordingly?		/		 -		
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand		/				
	Major noise source(s)	Traffic	Ø	Constr site	uction	ı activi	ties inside the	
		Construction activities outside the site	Others					

Page 6 of 7

Abbreviation

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VEP: .	Varied Environmental Permit		
WMP ⁺	Waste Management Plan	EM&A:	EM&A Manual (Construction Phase)
Cap311R:	APC (Construction Dust) Regulation	NCO:	Noise Control Ordinance
Cap311O:	APC (Open Burning) Regulation	WDO:	Waste Disposal Ordinance
Cap311:	Air Pollution Control Ordinance		
PN1/94:	Practice Note for Professional Persons (Con	struction Site I	Drainage)
Unk:	Unknown		

Remark

Nil Signatures

ET Member

Contractor's Representative

(Name in Block letters:

Larry L. K. Wong

(Name in Block letters:

Wory 40 Hory _)

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	2/12/	of Time	10:30	Inspected	By ET: Lany Wong Contractor: Paul Y - Rays
Site	LMX-	Superstruc	ture		Comment part 1 - Knys
Weather					,
Condition	Sunny	Fine	Overcast	Hazy	Drizzle Rain Storm
					Low
Wind	Calm	Light	Breeze	Strong	

GENERAL

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?					
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/	•		

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
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?		7			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					
<u> </u>	Construction Sites	·		4		L
ЕМ&А : Л1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			
	Stockpiling of dusty materials	L				
Cap311R; Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to 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)					
Cap314R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of coment or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	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	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?	/				
	Use of vehicles			1	L	
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	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?		/		· · · ·	
	Transfer of dusty materials using a belt conveyor system			<u> </u>		
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	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					
ЕМ&Л: \2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
Е М& Л: \2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/			-	
EM&A: \2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				<u> </u>

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

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WASTE/CHEMICAL WASTE MANAGEMENT

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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	.		4		
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/		-		
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/			
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	General refuse	L		L		L
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?		-7	k		
	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: 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?	1						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?							
	 public fill materials for on-site reuse, or disposal at public filling area; 	1						
	(2) reusable / recyclable materials;	1						
	(3) un-reusable / non-recyclable waste for landfill disposal.	1						
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?							

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WATER QUALITY

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off				1	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
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 scaled so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	1				
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm					
	drains after the removal of silt in silt removal facilities?					

Page 4 of ?

Ref	Cheeklist 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

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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?					

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1. DEN EXCHANGE Ender le Olecklist chklst av Erdoc

Page 5 of 7

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NOISE

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : Cl	Are working programmes sched	uled to minimize noise nuisance?					
EM&A: Cl	Are construction works or equip nuisance?	ment sited to minimize noise		/			
ЕМ&л: С1	Are all plant and equipment mai conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	hrottled down?	1	1			
EM&A: Cl	Are methods of working devised nuisance?	l and arranged to minimize noise		1			
EM&A: CI)	Are construction works carried on nuisance?	out in a manner to minimize noise		1			
EM&A: C2	To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some power sensitive time periods?	uring Sunday's and public owing measures adopted? e barriers at noise sources or ered mechanical equipment to less		1			
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	oise permits, if any, for the lemented accordingly?		1			
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand		7			
	Major noise source(s)	Traffie	□ ⊅	Consta site	ructio	n activi	ities inside the
		Construction activities		Others	·		

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Page 6 of 7

Abbreviation

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

Remark

Nil

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Signatures

ET Member

Contractor's Representative

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

)

Name in Block letters:

Larry L. K. Wong

(Name in Block letters:

Hony Word Ho

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	28/12/05	Time 10:30	Inspected	By ET: Larry Wong. Contractor: Pauly - Rago
Site	LMX- 81	uperst nuchere		<i>f==g</i>
Weather				
Condition	Sunny	Fine Overca	st 🗌 Hazy	
Temperature]•c	Humidity 💋 High	Moderate	Low

Breeze

Strong

GENERAL

Wind

Caim

Light

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>			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?	•	/			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		1			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites		·			La <u></u>
EM&A : Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			
	Stockpiling of dusty materials			-	L	L
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	\square				

Page Fof 7

TODA EXCHANGE EINALT OF A MISCHIELD IN THE

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks					
,	Coment 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	1				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?		/								
	Transfer of dusty materials using a belt conveyor system	Ji		L		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?	7				-					
	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?	1									
ем&л: \2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/									
Е М& Л: \2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1									

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

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WASTE/CHEMICAL WASTE MANAGEMENT

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks					
	Dredged Materials										
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?										
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/									
EM&A: E3	Are wastes disposed of at licensed sites?										
	Construction Waste and Excavated Materials										
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/									
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/		-	-						
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/								
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/								
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?										
EM&A: E3	Are wastes disposed of at licensed sites?	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?		1								
WMP	Are burning of refuse at site and dumping at sea prohibited?		1								
	Chemical Waste										
ЕМ&А: Е3	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"?	/							
ем&л: Е4	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?								
	 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

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off	1	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?	1				
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/				
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm					
	drains after the removal of silt in silt removal facilities?	$ \mathcal{I} $				

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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?		/			

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MARINE ECOLOGY

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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?					······

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Page 5 of 7

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A : Cl	Are working programmes sched	uled to minimize noise nuisance?		1				
ЕМ&л: С1	Are construction works or equip nuisance?	ment sited to minimize noise		/				
EM&A: Cl	Are all plant and equipment mai conditions?	ntained in good operating						
EM&A: Cl/GP	Is idle equipment turned off or t	hrottled down?	1	/				
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		/				
EM&A: Cl)	Are construction works carried on nuisance?	out in a manner to minimize noise	1	/				
EM&A: C2				/				
EM&A: C3	To mitigate night time construct equipped with silencers or muff	tion noise, is dredging equipment lers?		· · · ·	<u>-</u> ;*. -			
NCO	Are valid construction noise per inspection?	mits, if required, available for		/				
NCO	Are conditions of construction r relevant part(s) of the works imp			/				
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		/				
		Traffic	Ø	Construction activities inside t				
	Major noise source(s)	Construction activities	Others					

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Abbreviation

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A EP:	Varied Environmental Permit		
WMP	Waste Management Plan	EM&A:	EM&A Manual (Construction Phase)
Cap314R:	APC (Construction Dust) Regulation	NCO:	Noise Control Ordinance
Cap311O	APC (Open Burning) Regulation	WDO:	Waste Disposal Ordinance
Cap311:	Air Pollution Control Ordinance		
PN1/94:	Practice Note for Professional Persons (Cons	truction Site I	Drainage)
Unk:	Unknown		

Remark

Signatures

ET Member

 O_{2}

Contractor's Representative

Mame in Block letters;

Marry L. K. WORK

(Name in Block letters:

Wong 40 Hong)

11th November 2002

64/4012

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

Inspection date	1 Dec c	5 Time	09230	Inspected	By ET:	W. STM tor: W. T.L	(HZ:)
Site	LMX -	v9. Mich	Epylan Hore		Connac	W. T.L	KINKI
Weather	<u> </u>						
Condition	Sunny	Fine	Overcast	Hazy	Drizzle	Rain	Storm
Temperature	°C	Humidi	ty 🛃 High	Moderate	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?		1			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					<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?	1				
	Construction Sites					
EM&A : Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			Spyry By Rr.
	Stockpiling of dusty materials					5
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)				. <u>, </u>	·			
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/							
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1							
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1							
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1							
	Loading, unloading or transfer of dusty materials	I	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?	1							
	Use of vehicles			<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?	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?		\checkmark			Clemy Proviled By RY			
	Transfer of dusty materials using a belt conveyor system								
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	(
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1							
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1							
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1							
	Concrete batching plant	·	•	1		,			
	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1							
	disty matching carried out in a totally enclosed system.								
A2 EM&A:	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/							
EM&A: A2 EM&A: A2 EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water	 							

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

WASTE/CHEMICAL WASTE MANAGEMENT

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

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

WATER QUALITY

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

MARINE ECOLOGY

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

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NOISE -

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : C1	Are working programmes scheduled to minimize noise nuisance?			1			
EM&A: Cl	Are construction works or equipment sited to minimize noise nuisance?						
EM&A C1	Are all plant and equipment maintained in good operating conditions?			1			
EM&A: C1/GP	Is idle equipment turned off or throttled down?			/			
EM&A: C1	Are methods of working devised and arranged to minimize noise nuisance?			1			
EM&A: C1)	Are construction works carried out in a manner to minimize noise nuisance?			/			
EM&A: C2	 To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted? a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods? 			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?		1				
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		1				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			1			
	Major noise source(s)	🗆 Traffic	Construction activities inside the site				
	Trajor noise source(s)	Construction activities outside the site	Others				

Abbreviation

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VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Con Unknown	NCO: WDO:	
Remark		والمراجع بالمراجع فالمراجع المراجع المراجع والمراجع	
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Signatures			
ET Member	Contractor's Repres	entative	
E I IMEINDEL	Contractor's Repres	ontative .	

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(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	Deco5 Tim	e 69130	Inspected H	By ET: \mathcal{U} . \mathcal{G}_{14} (\mathcal{H}) Contractor: () \mathcal{F} (\mathcal{H}) (\mathcal{T})
Site	IMX - Med. Frestien	Ate (29)		Contractor. L. J. Kizk (TDXI)
Weather	<u></u>			ŊġĊĊĊĸĸĸĸŢĸĨĊĸĊĸĸĊĸĸĸġĸĊŀĸĊĸĸĸĸĸŢĸŢĸĊŊŎĸŎĸŎĊŎĸŎĬĸĸĬĸĸĸĸĸĸŢĸĸĸĸĸĸĔŎŎĸĸ
Condition	Sunny Fine	Overcast	Hazy	Drizzle Rain Storm
Temperature	¶°C Humi	dity High	Moderate	Low
Wind	Calm Light	Breeze	Strong	

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V			

AIR QUALITY

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

Page 1 of 7 C:\Documents and Settings\English\My Documents\U9 Safety Management\S-05 Inspection programme\Weekly Site Inspection Checklist.doc

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					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?	\sim				
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?	~				
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: 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?		7			Clemy Pronted B. D.Y.
	Transfer of dusty materials using a belt conveyor system			·		g fac
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?	\sim				
	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?	\checkmark				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	V				
EM&A:	Are all the conveyor transfer points totally enclosed?					

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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?		\checkmark			
Cap311	Is black smoke emission from plant/equipment avoided?		\checkmark			

WASTE/CHEMICAL WASTE MANAGEMENT

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

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Page 3 of 7 C:\Documents and Settings\English\My Documents\U9 Satety Management\S-05 Inspection programme\Weekly Site Inspection Checklist.doc

Ref	Checklist Condition	N/A	Yes	N٥	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"?		J							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		~							
	Storage, collection and transportation of waste									
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		1							
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?			1						
	 public fill materials for on-site reuse, or disposal at public filling area; 									
	(2) reusable / recyclable materials;	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?	-	7							

WATER QUALITY

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

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

MARINE ECOLOGY

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

NOISE -

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : C1	Are working programmes schedu			~			
EM&A: Cl	Are construction works or equipn nuisance?	nent sited to minimize noise		~			
EM&A: Cl	Are all plant and equipment main conditions?	tained in good operating		J			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		1			
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		\checkmark			
EM&A: C1)	Are construction works carried ou nuisance?	at in a manner to minimize noise		V			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?		~				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		~				
NCO	Are valid construction noise permisspection?	its, if required, available for	~				
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		~			
	Major noise source(s)		Constr site Others		n activi	ities inside the	

A	b	b	reviation	
М	D	υ	reviation	

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VEP: WMP: Cap311R: Cap3110: Cap311: PN1/94: Unk:	Varied Environmental 1 Waste Management Pla APC (Construction Dus APC (Open Burning) R Air Pollution Control C Practice Note for Profes Unknown	n st) Regulation Legulation Ordinance	NCO: WDO;	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage)
Remark			an a	۵۰٬۵۶۷ (۵۰٬۵۰۰ - ۲۵٬۹۹۹) ۵۰٬۵۹۹ (۵۰٬۵۹۰ - ۲۵٬۹۹۹) ۵۰٬۵۹۹ (۵۰٬۹۹۹) ۵۰٬۰۹۹ (۵۰٬۹۹۹) ۵۰٬۰۹۹ (۵۰٬۹۹۹) ۵۰٬۰۹۹ (۵۰٬
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Signatures	an an a tha an			
ET Member		Contractor's Represe	ntative	
(Name in Bloc		(Name in Block letter	rs:	

	04 /9012
	The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist
Inspection date	15 Dec 65 Time 09:30 Inspected By ET: W. Sin (1972)
Site	UP LIMK Erection of Mech. Area
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature []	S C Humidity High Moderate Low
Wind	Calm Light Breeze Strong

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GENERAL

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	i	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?	1				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		~			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	~				
	Construction Sites	1				<u> </u>
EM&A : Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		~			Spagnas By Al.
	Stockpiling of dusty materials	-				-0
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	~				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	~				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	~				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	1				
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	~				
	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?		\checkmark			Clenny punch Ny Pit.
	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?	1				
	Concrete batching plant		·			
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	1				1

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous	<u> </u>		1		·
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?		\sim			

WASTE/CHEMICAL WASTE MANAGEMENT

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials		i	1		<u> </u>
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	~				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	V				
EM&A: E3	Are wastes disposed of at licensed sites?	\checkmark				
	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?	~				
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)?		1			

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

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off		L	L	·	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?					
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?	\checkmark				
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?	\checkmark				
	Groundwater		1			
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	1				

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

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?	~				

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NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : C1	Are working programmes schedu	iled to minimize noise nuisance?		~			
EM&A: Cl	Are construction works or equipa nuisance?	ment sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		~			
EM&A: C1/GP	Is idle equipment turned off or th	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 follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		1			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		1				
NCO	Are valid construction noise perm 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 fi held percussive breakers?	xed at air compressors and hand		/			
	Major noise source(s)	Traffic		Constru site Others		activi	ties inside the
		Major noise source(s) Construction activities outside the site					

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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		-
PNI/94:	Practice Note for Professional Persons (Constr	uction Site I	Drainage)
Unk:	Unknown		

Remark

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Signatures

ET Member

Contractor's Representative

(Name in Block letters:

W.SIU)

(Name in Block letters: W. F. Kuile)

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

Inspection date	21/(1/1005) Time $0/30$ Inspected By ET: Y.M. Chim Contractor: $W \not\in Kwok(TWk)$
Site	U9 LMX Exection of Mich Brear
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	C Humidity High Moderate Low
Wind	Calm Light Breeze Strong

GENERAL

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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?		J			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
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		.		<u>. </u>	
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					Spray 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?		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?	1				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	V				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed - containers?	-/	• • • • • •			
	Loading, unloading or transfer of dusty materials	•				
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
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?		\checkmark			Clian by P.Y.
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				•
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/			:	
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	\mathcal{N}				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	7	/			

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellancous			·	. <u> </u>	
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?		ſ			
Cap3110	Is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?		5			

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WASTE/CHEMICAL WASTE MANAGEMENT

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/	1			
EM&A: E3	Are wastes disposed of at licensed sites?		<u></u>			
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
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?					
	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?		\checkmark			
WMP	Is the refuse disposed of regularly and properly?		7			
WMP	Are burning of refuse at site and dumping at sea prohibited?		\checkmark			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

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

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WATER QUALITY

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off	1		.		
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	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 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?					
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 scaled so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?		1			
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	1				
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?					
	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?					

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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?	7				

NOISE

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : C1	Are working programmes schedu	uled to minimize noise nuisance?		\checkmark			
EM&A: Cl	Are construction works or equipa nuisance?	ment sited to minimize noise			1		
EM&A: Cl	Are all plant and equipment main conditions?	ntained in good operating					
EM&A: C1/GP	Is idle equipment turned off or the	urottled down?		~			
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		~			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		/			
EM&A: C2		uring Sunday's and public owing measures adopted? e barriers at noise sources or ered mechanical equipment to less		Ϊ			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		1				
NCO	Are valid construction noise permisspection?	nits, if required, available for	1				
NCO	Are conditions of construction no relevant part(s) of the works imp		\Box				
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand		1			
	Major noise source(s)	Traffic	Ľ	site		activi	ties inside the
	major noise source(s)	Construction activities outside the site		Others			

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Abbreviation

Remark

Signatures

ET Member

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(Name in Block letters: $\underline{Y} \wedge Chim$)

Contractor's Representative

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(Name in Block letters: Chlu Chlu Tith.)

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

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Name in Block Letters:) (0 m Mo

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

Inspection date)9 Dec 65 Time 6	9:30 Inspect	ed By	ET: W. Sin Contractor: W. J. W. J.
Site	LMV - Mech. Fredh /	hu		Contractor. D. f. t. L.
Weather				
Condition	Sunny Fine	Overcast Hazy		Drizzle Rain Storm
Temperature /]°C Humidity	High Modera	te	Low
Wind	Calm Light	Breeze Strong		

GENERAL

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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?		\checkmark			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	·				·
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	\checkmark				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		1			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					
	Construction Sites	J	i	1	L	1
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		~			8- 7- 9 24 P.7.
	Stockpiling of dusty materials		L			<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?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials					· · · · · · · · ·
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	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?	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?		(Clemmy Annual 127 P.T.
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	(
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant	1			,	
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	(
	Are dusty materials, except cement and dry PFA, wetted by water	1				
	spray system?	1				
EM&A: A2 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					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				
Cap3110	Is open burning prohibited?		7			
Cap311	Is black smoke emission from plant/equipment avoided?		1	-		

WASTE/CHEMICAL WASTE MANAGEMENT

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

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?		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?									
	 public fill materials for on-site reuse, or disposal at public filling area; 	1								
	(2) reusable / recyclable materials;	/								
	(3) un-reusable / non-recyclable waste for landfill disposal.		1							
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		/							

WATER QUALITY

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	1				
	Wheel Washing Water				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

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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?					

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NOISE

Checklist Condition		N/A	Yes	No	Unk	Remarks
Are working programmes schedu	led to minimize noise nuisance?		/			
Are construction works or equipn nuisance?	nent sited to minimize noise					
Are all plant and equipment main conditions?	tained in good operating		/			
s idle equipment turned off or the	rottled down?		/			
Are methods of working devised misance?	and arranged to minimize noise		/			
Are construction works carried or puisance?	it in a manner to minimize noise		1			
 Fo mitigate construction noise du nolidays, is either one of the folicon Mitigation by portable noise Rescheduling of some power sensitive time periods? 	wing measures adopted?		/			
To mitigate night time construction equipped with silencers or muffle		/				
Are valid construction noise perm nspection?	nits, if required, available for	/				
Are conditions of construction no elevant part(s) of the works impl		/				
Are valid noise emission labels fineld percussive breakers?	xed at air compressors and hand		1			
Major noise source(s)	Traffic Construction activities		site		activi	ties inside the
	<u> </u>	D Traffic	ajor noise source(s)	ajor noise source(s)	ajor noise source(s)	ajor noise source(s)

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Abbreviation

VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Con Unknown	NCO: WDO:	
Remark	، 	and the second secon	
		ويودا الاستخدادية بالارد	

Signatures

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ET Member

Contractor's Representative

(Name in Block letters:

U-S(0)

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

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Inspection date	7 DEC 2005 Time 10:25 hrs Inspected By ET: T.F. CHIU / PDE- Contractor: PETER CHERCICS (SAWKO
Site	LMX-L9 ELETINCH ERETINAL AREA
Weather	/
Condition	Sunny Fine Overcast V Hazy Drizzle Rain Storm
Temperature 14	•C Humidity High Moderate . ✓ 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?		7			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	\checkmark				
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?		\checkmark			
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?		\checkmark			WaterSpro Provided Bi
	Stockpiling of dusty materials					0
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?	\checkmark				

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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?	V				
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?					
Cap311R:	Is bulk cement or dry PFA stored in a closed silo fitted with a					
Sch 15(2)	high-level alarm?	v				:
Cap311R:	Are the cement, dry PFA or other dusty materials collected by the	- 7				
Sch 17	air pollution control equipment disposed of in totally enclosed containers?					
	Loading, unloading or transfer of dusty materials	I		1 1		1
Cap311R:	Are dusty materials, except cement and dry PFA, sprayed with					
Sch 19	water immediately prior to any loading, unloading or transfer operation?	V				
EM&A:	Are the dropping heights of the fill materials controlled to a					
A1	practical level to minimize fugitive dust emission?					
	Use of vehicles	1		<u> </u>		I
Cap311R:	Is every load of dusty material on the vehicles leaving the					
Sch 21(2)	construction site covered entirely by clean impervious sheeting?					
EM&A:		V				
A1						-
Cap311R:	Is every vehicle wheel-washed by the wheel washing facilities to		1			Wheel Wash
Sch 21(1)	remove any dusty materials from its body and wheels before leaving the construction site?					Centre D
	teaving the constitution site:		*			Wheel Wash Services Pr By Paul Y
	Transfer of dusty materials using a belt conveyor system			LI		By Part P
Cap311R:	Are belt conveyors used for transfer of dusty materials covered on					
Sch 20(1)	the top and 2 sides?	V				
		V				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	5				
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	1				
	or similar means to prevent falling of materials from the return					
	belts?	v				
Cap311R:	Are stockpiling conveyors equipped with level adjusting					
Sch 20(4)	mechanism to maintain the dropping height within 1 m?					
	Concrete batching plant			II.		
EM&A:	Are the loading, unloading, handling, transfer or storage of any					
A2	dusty materials carried out in a totally enclosed system?	V				
EM&A:	Are dusty materials, except cement and dry PFA, wetted by water					
A2	spray system?	V				1
EM&A:	Are all the receiving hoppers enclosed on three (3)sides up to 3m					
EMAA: A2	above unloading point?	V				
•						
EM&A:	Are all the conveyor transfer points totally enclosed?					

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

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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?	\checkmark				
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?	\checkmark				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	V				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	V				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	\checkmark				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	V				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				
EM&A: E3	Are wastes disposed of at licensed sites?					
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		\checkmark			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		7		4	
WMP	Is the refuse disposed of regularly and properly?		V			
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)?	\checkmark				



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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?	V				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	~				
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		\checkmark			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
, , <u>, , , , , , , , , , , , , , , , , </u>	 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?	1				

WATER QUALITY

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

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MARINE ECOLOGY

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

NOISE

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks		
EM&A : C1	Are working programmes sched	uled to minimize noise nuisance?		5					
EM&A: Cl	Are construction works or equip nuisance?	oment sited to minimize noise		V					
EM&A: Cl	Are all plant and equipment mai conditions?	intained in good operating	+	1			4 66 8 10		
EM&A: C1/GP	Is idle equipment turned off or t	hrottled down?		~					
EM&A: Cl	Are methods of working devised and arranged to minimize noise nuisance?			1					
EM&A: C1)	Are construction works carried out in a manner to minimize noise nuisance?			<i>J</i>					
EM&A: C2			1						
EM&A: C3	To mitigate night time construct equipped with silencers or muff	ion noise, is dredging equipment lers?	J	·					
NCO	Are valid construction noise permits, if required, available for inspection?		1						
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		~						
NCO	Are valid noise emission labels the held percussive breakers?	fixed at air compressors and hand							
	Major noise source(s)	Traffic		Construction activities inside the site					
		Construction activities	U 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 (Cons Unknown	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage)
Unk:	Unknown		

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Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

T. F. CHIM _) /7?E ,

(Name in Block letters:

PETER CHENG) SANKO

12th January 2005

CH- 04 /9013

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

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Inspection date	14 DEC 2005 Time 09:50 hrs. Inspected By ET: T.F. CHIM/PDE- Contractor PETER OVERRE/SANKO
Site	LMX-LI ELECTRICAL ERECTION AREA.
Weather	/
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature <u>/</u> 5	C Humidity High Moderate Low
Wind	Calm Light V Breeze Strong

GENERAL

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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	· .		<u> </u>

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements			I		•
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	V	1			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		\checkmark			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	V				
	Construction Sites					
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		\checkmark			Vater Spray Provided 1
	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?	/				

Page 1 of 7

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	rha		.4	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			·		I
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	v				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				
	Use of vehicles			<u>لہ ب</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?	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 Wa Sentes Pr Ry Paily
	Transfer of dusty materials using a belt conveyor system	L		(0
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	ν				
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?	\checkmark				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
	Concrete batching plant	L			I	
ÉM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	V				
EM&A:	Are dusty materials, except cement and dry PFA, wetted by water spray system?	. /				
A2			1			
A2 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 hydrosecded and planted as soon as possible?	V				
Cap3110	Is open burning prohibited?	:	V,			
Cap311	Is black smoke emission from plant/equipment avoided?					

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WASTE/CHEMICAL WASTE MANAGEMENT

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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?	\checkmark				
EM&A: E3	Are wastes disposed of at licensed sites?	\checkmark				
	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?	5				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	\checkmark				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	5				
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?	\checkmark				
EM&A: E3	Are wastes disposed of at licensed sites?	5		1		
	General refuse	-			•	
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		1			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		\checkmark			
WMP	Is the refuse disposed of regularly and properly?		~			
WMP	Are burning of refuse at site and dumping at sea prohibited?		V			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Checklist Condition	N/A	. Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	V				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of , chemical waste and made them available for inspection?	V				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	v				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1				<u>, , , , , , , , , , , , , , , , , , , </u>
	Storage, collection and transportation of waste		I <u> </u>			
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		V			1
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					1982 I II I II I II II II II II II II II II
	 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?	\checkmark				

WATER QUALITY

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	1	•			
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?		-			
	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?	J				

MARINE ECOLOGY

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

NOISE

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks		
EM&A : Cl	Are working programmes schee	duled to minimize noise nuisance?		J					
EM&A: Cl	Are construction works or equinuisance?	pment sited to minimize noise		\$					
EM&A: Cl	Are all plant and equipment ma conditions?	intained in good operating	+	V	-				
EM&A: C1/GP	Is idle equipment turned off or	throttled down?		V					
EM&A: Cl	Are methods of working devise nuisance?	struction works carried out in a manner to minimize noise							
EM&A: C1)	Are construction works carried nuisance?								
EM&A: C2	holidays, is either one of the fol a) Mitigation by portable nois	b) Rescheduling of some powered mechanical equipment to less							
EM&A: C3	To mitigate night time construc equipped with silencers or muff	tion noise, is dredging equipment lers?							
NCO	Are valid construction noise per inspection?	rmits, if required, available for	J						
NCO	Are conditions of construction r relevant part(s) of the works im		J						
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand	\checkmark						
	Maior poice courted	Traffic	1	I Constr site	uction	activi	ties inside th		
	Major noise source(s) Construction activities			Others					

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Abbreviation

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

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Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

T.F. CHIU) PDE .

(Name in Block letters: PETEn CHEM, SANKD,

12th January 2005

CN-04/9013.

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

Inspection date	21 DEC.	Dods Time	10:40 hrs	Inspected	By ET: T.F. CHIU / PDE: Contractor: C.M./2 / SANKO
Site	LMX-	LI AETIKI	HAL ERECTION	AREA.	Contraction C-PL/2 / PWEU
Weather					••
Condition	Sunny	Fine	Overcast	·	Drizzle Rain Storm
Temperature	°C	Humidi	ty 🔄 High		Low
Wind	Calm	, Light	Breeze	Strong	

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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?		\checkmark			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		7			

AIR QUALITY

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Checklist Condition	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 change in the notice, do the contractors notify EPD of the change?	V	,			
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				
Construction Sites	r	I	_L		J
Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		J		ų	WATER SP PROVIDED
Stockpiling of dusty materials					•
Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	1				
	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep the entire road wet? Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep the entire road wet? Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep the entire road wet? Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep the entire road wet? Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep the entire road wet? Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to

Page 1 of 7 C:\Documents and Settings\pde5410\Local Settings\Temporary Internet Files\OLKE\chklst_rv1b.doc

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	,ł.,	1		г	L
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	5				
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?	V				
	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?	v				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	7		-		
	Use of vehicles		I	ł	I	
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	V				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	-	/			Cheel Wark Savios Pron By Paul F
	Transfer of dusty materials using a belt conveyor system					9
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?	⁄ي				· ·
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	V				
	Concrete batching plant		L I			
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	V				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
	1		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?		\checkmark			

WASTE/CHEMICAL WASTE MANAGEMENT

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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?					
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	V				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	v				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	N				
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?	V	<u></u>			
EM&A: E3	Are wastes disposed of at licensed sites?	\mathbf{r}				
	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?		\checkmark			
WMP	Is the refuse disposed of regularly and properly?		\checkmark			
WMP	Are burning of refuse at site and dumping at sea prohibited?		V			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	V				

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

WATER QUALITY

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

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : Cl	Are working programmes sched	luled to minimize noise nuisance?		V			
EM&A: Cl	Are construction works or equip nuisance?	oment sited to minimize noise		1			
EM&A: Cl	Are all plant and equipment mai conditions?	intained in good operating	-	υ			
EM&A: C1/GP	Is idle equipment turned off or t	hrottled down?		/			
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		5			
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise		\checkmark			, ,,,,,,,,
EM&A: C2			7				
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment ers?	V				
NCO	Are valid construction noise pen inspection?	mits, if required, available for	1				
NCO	Are conditions of construction n relevant part(s) of the works imp	oise permits, if any, for the plemented accordingly?	v				
NCO	Are valid noise emission labels t held percussive breakers?	fixed at air compressors and hand	V				
	Major noise source(s)	Traffic		Constr site	uctior	n activi	ties inside the
	major noise source(s)	Construction activities outside the site		Others			

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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
Cap311O:	APC (Open Burning) Regulation	WDO:	Waste Disposal Ordinance
Cap311:	Air Pollution Control Ordinance		
PN1/94:	Practice Note for Professional Persons (Con	struction Site I	Drainage)
Unk:	Unknown		

Remark

Signatures

ET Member

Contractor's Representative

IEC's Representative This site inspection was carried ou in the presence of IEC's approach

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(Name in Block letters:

T.F. CHIU) PDE-

e in Block ... C.M.W. SANKO (Name in Block letters:

્ય اند. در <u>محمد رو</u> اند Name) Mo

12th January 2005

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

CN-04/243

Inspection date	DIDIC Doos Time /1:25/15 Inspected By ET: T.T.C.Hu /DE Contractor: C.M. Lo /SAVK?
Site	LMX - LI ELECTRICAL ERECTION BREA
Weather	/
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature /]°C Humidity 🗹 High 🗌 Moderate . 🗌 Low
Wind	Calm Light Breeze Strong

GENERAL

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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?		\checkmark			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					

AIR QUALITY

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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u></u>	L	1		
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	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?	1				
	Construction Sites	1		1	L	ſ
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V		<i>.</i>	MATER CP 18
	Stockpiling of dusty materials					0
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				

Page 1 of 7

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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?	\checkmark				
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?	7				
	Loading, unloading or transfer of dusty materials					L
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			لمتعمد	~.	I
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		_			Wheel W. Sarlus Ry By Part
	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?	$\cdot \eta$				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	\checkmark				
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?	1				
EM&A: A2	Arc all the conveyor transfer points totally enclosed?					

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

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WASTE/CHEMICAL WASTE MANAGEMENT

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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials			4		
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	ų				
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?	\checkmark				
	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 177740000444
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	~				<u></u>
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?		\sim			
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?		\checkmark			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	· ·				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of , chemical waste and made them available for inspection?	~				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?					
	Storage, collection and transportation of waste	 _•	I	<u> </u>	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	÷t			
	 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

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

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MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : Cl	Are working programmes schee	duled to minimize noise nuisance?		S			
EM&A: Cl	Are construction works or equip nuisance?	pment sited to minimize noise					
EM&A: Cl	Are all plant and equipment ma conditions?	intained in good operating	-	V			
EM&A: C1/GP	Is idle equipment turned off or t	throttled down?		/			
EM&A: Cl	Are methods of working devised nuisance?	d and arranged to minimize noise		J			
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?	· v				
NCO	Are valid construction noise per inspection?	mits, if required, available for	~				
NCO	Are conditions of construction r relevant part(s) of the works imp		Л				
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand	7	, ;			
	Major noise source(s)			site		ı activi	ities inside the
		Construction activities outside the site		Others			

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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		
PN1/94:	Practice Note for Professional Persons (Con	struction Site I	Drainage)
Unk:	Unknown		

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Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

T.F. CHIN PDE.

(Name in Block letters:

C.M.Lo , ۲ SANKO

12th January 2005

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

Inspection date	Teh DEC, of Time 10:00 Inspected By ET: WL LI / PPE Contractor: SH SHENK
Site	LMX 275760 Sts ERECTIONS CONTIENED
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	°C Humidity High Moderate Low
Wind	Calm Light Breeze Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		\checkmark			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements			ι		
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?					
	Construction Sites	1		.		r
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?			ł		PROVIDED PROVIDED PAUL 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)				•	
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?		<u> </u>			
	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?	\checkmark				
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?		/			WHEEZ WI FACILI 7123 PROVIDED BY PANL Y
						•
	Transfer of dusty materials using a belt conveyor system					
	Transfer of dusty materials using a belt conveyor system Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(1) Cap311R: Sch 20(2)	Are belt conveyors used for transfer of dusty materials covered on	\ \				
Sch 20(1) Cap311R:	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? Is every transfer point between any two-belt conveyors totally	\ \ \				
Sch 20(1) Cap311R: Sch 20(2) Cap311R: Sch 20(3) Cap311R:	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? Is every transfer point between any two-belt conveyors totally enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return	\ \ \ \				
Sch 20(1) Cap311R: Sch 20(2) Cap311R:	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? Is every transfer point between any two-belt conveyors totally enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting	\ \ \ \				
Sch 20(1) Cap311R: Sch 20(2) Cap311R: Sch 20(3) Cap311R: Sch 20(4) EM&A:	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? Is every transfer point between any two-belt conveyors totally enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	\ \ \ \				
Sch 20(1) Cap311R: Sch 20(2) Cap311R: Sch 20(3) Cap311R: Sch 20(4) EM&A: A2 EM&A:	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? Is every transfer point between any two-belt conveyors totally enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? Concrete batching plant Are the loading, unloading, handling, transfer or storage of any	 ノ ノ				
Sch 20(1) Cap311R: Sch 20(2) Cap311R: Sch 20(3) Cap311R:	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides? Is every transfer point between any two-belt conveyors totally enclosed? Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m? Concrete batching plant Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? Are dusty materials, except cement and dry PFA, wetted by water	 ノ ノ				

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?	\checkmark				
Cap3110	Is open burning prohibited?		\checkmark			
Cap311	Is black smoke emission from plant/equipment avoided?		$\overline{}$			

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?	\checkmark							
	Construction Waste and Excavated Materials								
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1							
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/							
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?								
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/							
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/							
EM&A: E3	Are wastes disposed of at licensed sites?	$\overline{}$	• • • • •						
	General refuse								
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/						
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/						
WMP	Is the refuse disposed of regularly and properly?		/						
WMP	Are burning of refuse at site and dumping at sea prohibited?		/	1					
	Chemical Waste								
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		.						

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		\checkmark			
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			Ł		
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?	/				
	 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 rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?					
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?					
	Groundwater	· · · · · · · · · · · · · · · · · · ·				
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A : Cl	Are working programmes schedu	iled to minimize noise nuisance?		\checkmark			
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise					
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?					
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		\checkmark			
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 follo a) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	owing measures adopted?		/			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		~				
NCO	Are valid construction noise permisspection?	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 fi held percussive breakers?	ixed at air compressors and hand					
	Major noise source(s)	Traffic	2	Constr site	uctior	n activi	ties inside the
		Construction activities outside the 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
Cap311O:	APC (Open Burning) Regulation	WDO:	Waste Disposal Ordinance
Cap311:	Air Pollution Control Ordinance		-
PN1/94:	 Practice Note for Professional Persons (Cons 	struction Site I	Drainage)
Unk:	Unknown		

Remark

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

BLU)

(Name in Block letters: SHSUGN)

12th January 2005

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

Inspection date	07/12/05 Time 16:30 Inspected by ET: Hendry Ho
	Contractor: Kier
Site	Transmission Route (Civil Work)
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	16 °C Humidity High Moderate / Low
Wind	Calm Light I Breeze Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	~	-			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	~				
	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		4			
	Use of vehicles			L		I
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 hydrosecded 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?		~			

WASTE/CHEMICAL WASTE MANAGEMENT

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	~				
EM&A: L2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	~				
NCO	Are valid construction noise permits, if required, available for inspection?		~			N4, 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?		~			

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Ol	Are the construction activities at la monitored to avoid impact on the to species <i>Celtis biondii</i> , <i>Pteris dispa</i> restricted plants <i>Vitis balansaeana</i> and <i>Rhapis excellsa</i> ?	uncommon and rare plant ar and Ardicia pusilla, and the		¥			
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	ary of construction sites to ts, and encroachment of eas, particularly where the rare,		~			
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?	ned to ensure that the work site hat no damage occurs to		1			
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is t equipment provided in the work ar	emporary fire fighting		~			
		Traffic	~	Con the s		ion act	iviti e s inside
	Major noise source(s)	Construction activities outside the site		Oth	ers:		

Abbreviation

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Cap311:Air Pollution Control OrdinanceCap354c: WDO (Chemical Waste) (Cap466:Dumping at Sea OrdinanceUnk:Unknown		gulatie
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n 1	
Remark	
• · · · · · · · · · · · · · · · · · · ·	
Signatures	
	Contractor's Representative
ET Member	Anthomas
ET Member	Name in Block letters:
ET Member	Anthomas
Signatures ET Member (Name in Block letters: Estative, ST Estations)	Name in Block letters:

20th December 2001

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

Inspection date	14/12/05 Time 09:30	Inspected by	ET: Hendry Ho
-		,	Contractor: Kier
Site	Transmission Route (Civil Work)		
			:
Weather			r
Condition	Sunny Fine Overcast	Hazy	Drizzle Rain Storm
Temperature	14 °C Humidity High	Moderate 🗸	Low
Wind	Calm 🗸 Light Breeze	Strong	

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~			

AIR QUALITY

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

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials		<u>,</u>			·
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	~				
Cap466	Are wastes disposed of at licensed sites?	~				
	Construction Waste and Excavated Materials					
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~				
Cap354	Are wastes disposed of at licensed sited?	~				
	Chemical Waste	L		1		I
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"?	~				<u>L</u>

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	 ✓ 				
EM&A: L2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	~				
NCO	Are valid construction noise permits, if required, available for inspection?		~			N4, 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?		~			

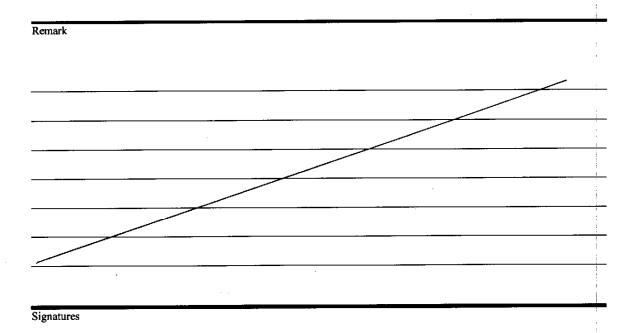
TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at la monitored to avoid impact on the u species Celtis biondii, Pteris dispa restricted plants Vitis balansaeana and Rhapis excellsa?	uncommon and rare plant r and Ardicia pusilla, and the		1			
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?			~			
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and th 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		Con the s		ion act	ivities inside
	Major noise source(s)	Construction activities outside the site		Others:			

Abbreviation

VEP:Varied Environmental PermitEM&A:EM&A ManualCap311R:APC (Construction Dust) RegulationNCO:Noise ControlCap3110:APC (Open Burning) RegulationCap354:Waste DisposaCap311:Air Pollution Control OrdinanceCap354c:WDO (ChemicCap466:Dumping at Sea OrdinanceUnk:Unknown

EM&A:EM&A Manual (Construction Phase)NCO:Noise Control OrdinanceCap354:Waste Disposal OrdinanceCap354c:WDO (Chemical Waste) (General) RegulationUnk:Unknown



ET Member

Contractor's Representative

(Name in Block letters: :HO T

(Name in Block letters:

20th December 2001

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

Inspection date	21/12/05 Time 10:30	Inspected by	ET: Hendry Ho
Site	Transmission Route (Civil Work)		Contractor: Kier
Weather			· · · · · · · · · · ·
Condition	Sunny Fine Overcast	Hazy	Drizzle Rain Storm
Temperature	16 °C Humidity High	Moderate 🗸	Low
Wind	Calm 🖌 Light 🗌 Breeze [Strong	

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~			

AIR 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?	٨				
	Stockpiling of dusty materials	·	I <u></u>	1		
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		~			
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	~				
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	~				

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

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

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

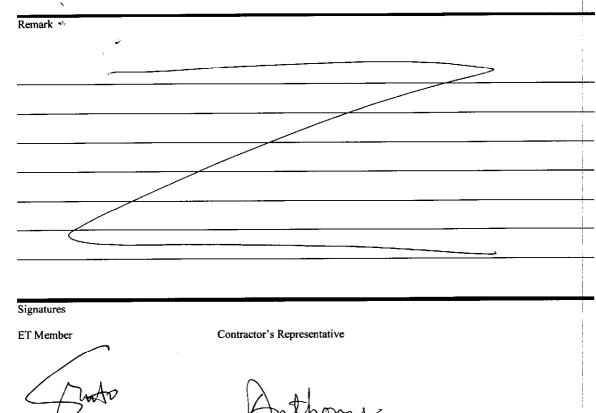
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Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	1				
EM&A: L2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	~				+
NCO	Are valid construction noise permits, if required, available for inspection?		~			N4, 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 or species Celtis biondii, Pteris dispa- restricted plants Vitis balansaeana and Rhapis excellsa?	uncommon and rare plant ar and Ardicia pusilla, and the		~			
EM&A: O2	Are fences erected in accordance w 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 th 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	√	Con the s		ion act	ivities inside
	- Major noise source(s) -	Construction activities outside the site		Othe	ers:		

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VEP: Cap311R: Cap311O: Cap311: Cap466: Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance EM&A:EM&A Manual (Construction Phase)NCO:Noise Control OrdinanceCap354:Waste Disposal OrdinanceCap354c:WDO (Chemical Waste) (General) RegulationUnk:Unknown



(Name in Block letters: <u>HBNDR</u> ST. TP.)

(Name in Block letters: \cap

20th December 2001

Inspection date	28/12/05 Time 11:00 Inspected by ET: Hendry Ho
	Contractor: Kier
Site	Transmission Route (Civil Work)
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	20 °C Humidity High Moderate Low
Wind	Calm 🗸 Light Breeze Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	•				
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	~				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	1				
	Stockpiling of dusty materials			-		
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					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	~				

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

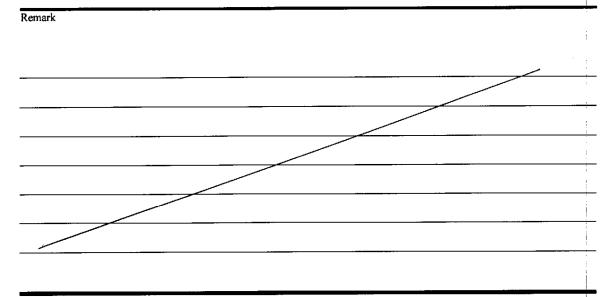
Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials	1				.			
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	~							
Cap466	Are wastes disposed of at licensed sites?					· · · · ·			
	Construction Waste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

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: Ll	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	~				
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?		~			N4, LPS sit
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 Cellis biondii, Pteris dispa restricted plants Vitis balansaeana and Rhapis excellsa?	ncommon and rare plant r and Ardicia pusilla, and the		~			
EM&A: O2	in good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded are	Are fences erected in accordance with the Hoarding Plan and kept n good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?		~			
EM&A: Q3	Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?			~			
EM&A: Q4	Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?			~			
		Traffic	 ✓ 	Con the		ion act	ivities inside
	- Major noise source(s) –	Construction activities outside the site		Oth	ers:		

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



Signatures

ET Member

Contractor's Representative

(Name in Block letters: STAD.

(Name in Block letters: n an

20th December 2001

Inspection date	2/12/01 Time 10200 Inspected by ET: $12/12/12$
Site	Outside NG, II-NJ
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	23 °C Humidity High Moderate Low
Wind	Calm Light Breeze Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		\checkmark			

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?	\checkmark				
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?	\checkmark				
	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			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?	V				
	Miscellaneous	•		• •		
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	\int				

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials	I	L			I
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?		$\overline{\mathcal{A}}$			
· · · · · ·	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?	\checkmark				
Cap354	Are wastes disposed of at licensed sited?	\checkmark				
	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)?	\checkmark				
Cap354C	Has the Contractor registered as a chemical waste producer?	$\overline{\checkmark}$				
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	\checkmark				

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	1				
EM&A: L2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	V				
NCO	Are valid construction noise permits, if required, available for inspection?	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: 01	monitored to avoid impact on the species Celtis biondii, Pteris dis	t landing points N4 & N5 closely e uncommon and rare plant par and Ardicia pusilla, and the na, Pierospermum heterophyllum	~				
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?		~				
EM&A: Q3	Has regular checking been perfo boundaries are not exceeded and surrounding areas?	ormed to ensure that the work site I that no damage occurs to	\checkmark				
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	V	Const site	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

VEP:	Varied Environmental Permit
Cap311R:	APC (Construction Dust) Regulation
Cap3110:	APC (Open Burning) Regulation
Cap311:	Air Pollution Control Ordinance
Cap466:	Dumping at Sea Ordinance

EM&A:EM&A Manual (Construction Phase)NCO:Noise Control OrdinanceCap354:Waste Disposal OrdinanceCap354c:WDO (Chemical Waste) (General) RegulationUnk:Unknown

Remark

N/A

Signatures

ET Member

Contractor's Representative

(Name in Block letters: KA YIND LAI

(Name in Block letters:

BERRY YUEW,

Inspection date	9/12/as Time $9:30$ Inspected by ET: K. Z. (A1
Site	Quitside Landing Point M2, II-NS
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	C Humidity High Moderate Low
Wind	Calm Light Breeze Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		\checkmark			

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

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			1		L			
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		V						
Cap466	Are wastes disposed of at licensed sites?		V						
	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?								
<u> </u>	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)?	\checkmark							
Cap354C	Has the Contractor registered as a chemical waste producer?	$\overline{\checkmark}$							
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?	\checkmark				

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: 01	monitored to avoid impact on the species Celtis biondii, Pteris dis	-	V				
EM&A: 02	in good condition along the bour prevent tipping, vehicle moveme	ents, and encroachment of areas, particularly where the rare,	V				
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	V				<u></u>
EM&A: Q4	Is open fire prohibited and preve boundary during construction? Is equipment provided in the work	s temporary fire fighting	~				
		Traffic	Ø	Consti site	uctio	n activi	ities inside the
	– Major noise source(s)	Construction activities outside the site		Others	•		

VEP:	Varied Environmental Permit	EM&A:
Cap311R:	APC (Construction Dust) Regulation	NCO:
Cap3110:	APC (Open Burning) Regulation	Cap354:
Cap311:	Air Pollution Control Ordinance	Cap354c:
Cap466:	Dumping at Sea Ordinance	Unk:

Remark

N/A

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

LAIKA YIN)

(Name in Block letters:

YUEN, BERRY

Inspection date	16/12/a1 Time $10:00$ Inspected by ET: KY (A1
Site	ONTSIDE Contractor: J-POWER SYSTEMS LANDING PT. NZ, IFNS
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	L∫ °C Humidity High Moderate Low
Wind	Calm Light Breeze Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		L			1
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	\checkmark			****	
· · · · · ·	Stockpiling of dusty materials			1		L
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?	\checkmark				
	Use of vehicles	.				L <u></u> _
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1				
	Miscellaneous	•		<u>.</u>		
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	\bigtriangledown				

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials	1		•		•
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		\checkmark			
Cap466	Are wastes disposed of at licensed sites?		V			
	Construction Waste and Excavated Materials					L
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	V				
Cap354	Are wastes disposed of at licensed sited?	$\overline{}$				
	Chemical Waste			4		
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	\checkmark				
Cap354C	Has the Contractor registered as a chemical waste producer?	\checkmark				
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?	V				

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?					

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: 01	monitored to avoid impact on the species Celtis biondii, Pteris dis	t landing points N4 & N5 closely e uncommon and rare plant par and Ardicia pusilla, and the na, Pterospermum heterophyllum					
EM&A: 02	in good condition along the bou prevent tipping, vehicle moveme	ents, and encroachment of areas, particularly where the rare,	\checkmark				
EM&A: Q3	Has regular checking been perfo boundaries are not exceeded and surrounding areas?	rmed to ensure that the work site I that no damage occurs to	\checkmark				
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting	\checkmark				
			লি				
		Traffic		Const: site	ructio	n activi	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		· · · · · · · · · · · · · · · · · · ·

VEP:	Varied Environmental Permit	EM&A: EM&A N	Manual (Construction Phase)
Cap311R:	APC (Construction Dust) Regulation	NCO: Noise Co	ontrol Ordinance
Cap311O:	APC (Open Burning) Regulation	Cap354: Waste D	isposal Ordinance
Cap311:	Air Pollution Control Ordinance	Cap354c: WDO (C	hemical Waste) (General) Regulation
Cap466:	Dumping at Sea Ordinance	Unk: Unknow	n

Remark

N/A

Signatures

ET Member

Contractor's Representative

.

(Name in Block letters:

KA YIN LAL

(Name in Block letters:

BERRY YUEN

Inspection date	23/12/05 Time W: 30 Inspected by ET: CKWANG Contractor: J-Paulick SYSTEMS
Site	ONTEIDE LANDING POINT 12, NJ-II
Weather	
Condition	Sunny V Fine Overcast Hazy Drizzle Rain Storm
Temperature	C Humidity High Moderate Low
Wind	Calm Light Breeze Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		\checkmark			

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

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials	1		•		A
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?		\checkmark			
	Construction Waste and Excavated Materials					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?	\checkmark				
	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"?	\checkmark				

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?	V				
NCO	Are valid construction noise permits, if required, available for inspection?	V				
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: 01	monitored to avoid impact on the species Celtis biondii, Pteris dis	t landing points N4 & N5 closely e uncommon and rare plant <i>par</i> and <i>Ardicia pusilla</i> , and the <i>na</i> , <i>Pterospermum heterophyllum</i>	V				
EM&A: O2	Are fences erected in accordance in good condition along the bou prevent tipping, vehicle movem personnel into adjacent wooded uncommon and restricted plant s	<i>S</i>					
EM&A: Q3	Has regular checking been perfo boundaries are not exceeded and surrounding areas?	ormed to ensure that the work site I that no damage occurs to	/		<u></u>		
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting	\checkmark				
	M .:	Traffic	Ø	Consti site	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

Remark

N/A

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

CKWONLY,

(Name in Block letters: RZRRY YUEN,

Inspection date	$30/12/91$ Time $14:30$ Inspected by ET: $K \neq lAI$
Site	OUTSIDE LANDING PAINET NS-IINZ
Weather	
Condition	Sunny Fine Overcast Hazy Drizzle Rain Storm
Temperature	21°C Humidity High Moderate Low
Wind	Calm 🗹 Light 🔄 Breeze 🗌 Strong

GENERAL

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		~			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	I		•		b , a
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	V				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	V				
<u></u>	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			1		L
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	\checkmark				
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	Is open burning prohibited?	1				
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				L	·			
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1							
Cap354	Are wastes disposed of at licensed sited?	$\overline{\checkmark}$							
	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"?	$\overline{}$							

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?	5				
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		L		·
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: 01	monitored to avoid impact on the species Celtis biondii, Pteris dis	t landing points N4 & N5 closely the uncommon and rare plant <i>ipar</i> and Ardicia pusilla, and the ina, Pterospermum heterophyllum	~				
EM&A: 02	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 perfe 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	/				
<u>_</u> ,,		Traffic		Consti site	ructio	n activi	ities inside the
	- Major noise source(s)	Construction activities outside the site		Other	s		

VEP:	Varied Environmental Permit	EM&A
Cap311R:	APC (Construction Dust) Regulation	NCO:
Cap311O:	APC (Open Burning) Regulation	Cap354
Cap311:	Air Pollution Control Ordinance	Cap354
Cap466:	Dumping at Sea Ordinance	Unk:

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

Remark

N/A

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

LAL KA (IN)

(Name in Block letters: BERRY YUEN