Appendix H

Site Audit Summary

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

Weekly Site Inspection Checklist

Inspection	date 5/1/05 Time 15:06 Inspect	va 2)	Cont	racio	r: 67.1	1 won
Site	LMX-Superstancture works				<i>Y-b</i>	1) (Jn
Veather		·				
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain St
Temperatu	rre 70°C Humidity High Moderat	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		1			
3700 1 C	Is a copy of EIA report kept in Engineers' and Contractors' offices		 	 		
VEP 1.6	on site?					
AIR QUAL	on site?	N/A	Vas	8:9	Uok	Remie s
AIR QUAL	on site?	N/A	Vas	2.9	Uok	Rem: s
AIR QUAL	on site?	N/A	Vrs.	2:9	Uok	Rem: s
Cap311R:	The Christ Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Vas	Sig	Uek	Rem: s
Cap311R: 3 Cap311R: Sch 12(3)	The Mist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Vas	Ng	Uek	Rema: s
Cap311R: 3 Cap311R: Sch 12(3)	The delist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	V-s	sig	Uek	Rem: s
Cap311R: 3 Cap311R: Sch 12(3) Cap311	The chilst Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? On the contractors possess valid An Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	/ / / / / / / / / / / / / / / / / / /	Sig	Uek	Rem: s
AIR QUAL	The desist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? On the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep	N/A	Ves /		Uok	Remay s

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks					
	Cement and dry pulverized fuel ash (PFA)										
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/									
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1									
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/									
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/									
	Loading, unloading or transfer of dusty materials										
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/									
EM&A: 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: AI	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?										
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		1								
	Transfer of dusty materials using a belt conveyor system		·····								
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 desire 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?	/									
Cap314R; Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?				•						
	Concrete tratching plant	Conc) efe 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 desty mote fals, except cement and dry PFA, wetted by water spray exstem?	/									
EM&A: A2	Are an the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/	<u> </u>								
	t										

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?	1				
Cap311O	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
······	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formword's reused as fines 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	,				
WAIP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
\\MP	Is general refuse: 'ored within receptacles and separated from chamical wastes?					
WMB	Is the refuse disposed of regularly and properly?					· · · · · · · · · · · · · · · · · · ·
WMP	Are burning of refuse at site and dumping at sea prohibited?		_/			
	Chemical Waste		,		·····	
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority. If required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

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

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?					
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?					>
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with impaulin 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 matholes (incl. ding 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	Ground; ater Is groundwater that pumped out of wells discharged into storm drains after the removal of siit in silt removal facilities?					

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

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: C1	Are working programmes sched	luled to minimize noise nuisance?		/				
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		/				
EM&A: CI	Are all plant and equipment mai conditions?	ntained in good operating		1				
EM&A: CI/GP	Is idle equipment turned off or the	hrottled down?		/				
EM&A: Cl	Are methods of working devised nuisance?	l and arranged to minimize noise		/				
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise		/				
EM&A: C2	To mitigate construction noise di holidays, is either one of the folla) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?		/					
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle	ion noise, is dredging equipment ers?	/		:*			
NCO	Are valid construction noise perr inspection?	•		1				
NCO	Are conditions of construction no relevant part(s) of the works imp	plemented accordingly?		1				
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		/				
	Major noise source(s)	Traffic	Construction activities inside the site					
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Construction activities outside the site		Others				

	re			

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R: Cap311O:

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

Air Pollution Control Ordinance

Cap311: PN1/94: Unk:

Practice Note for Professional Persons (Construction Site Drainage)

Unknown

Remark			
	ρ :/		
170	-		

NCO:

WDO:

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

Noise Control Ordinance

Waste Disposal Ordinance

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block etters:

1 th November 2002

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

Inspection d	late 12/1/05 Time 0:30 Inspecte	d By	ET:	actor	erry : Oal	Wony
Site	LMX- Superstructure Works	I				×11 - 64-
/eather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Sto
Temperatu	re 6 °C Humidity High Moderat	e	Low	,		
Wind	Calm Light Breeze Strong					
ENERAL			·			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		7			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	1	!	,l	<u>. </u>	<u> </u>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		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?	1				
·····	Construction Sites	1	1		1	J
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			
-	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	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?	/				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		1	-	2	
	Transfer of dusty materials using a belt conveyor system		<u> </u>	٠.,	'	·
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?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1				
EM&Λ: Λ2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A:	Are all the conveyor transfer points totally enclosed?	 	 	+	t	

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?	/				
Cap3110	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?		1			

WASTE/CHEMICAL WASTE MANAGEMENT

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

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

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off	<u></u>			1	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	1				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	/				
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				<u> </u>	
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
407	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	/				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise		1			
EM&A: Cl	Are all plant and equipment main conditions?	tained in good operating		1			
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		1			
EM&A: C1)	Are construction works carried or nuisance?	at 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?	wing measures adopted?		/			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		/				
NCO	Are valid construction noise perm inspection?	nits, if required, available for	1	1			
NCO	Are conditions of construction no relevant part(s) of the works impl			/			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		/			
		☐ Traffic	Ø	Const	ructio	n activ	rities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R:

APC (Construction Dust) Regulation

NCO:

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

Cap311O:

APC (Open Burning) Regulation

WDO:

Waste Disposal Ordinance

Cap311:

Air Pollution Control Ordinance

PN1/94:

Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

Damanel	
Kemark	

1.	Construction wastes placed in the location of
	Construction wastes placed in the location of light oil tank no. 4 should be properly stored.
2.	ho. 4 should be placed in the drip tray.
	no. 4 should be placed in the drip tray.
3.	The cover of air compressor should be closed
	The cover of air compressor should be closed during operation.

Signatures

ET Member

Contractor's Representative

(Name in Block/etters

(Name in Block letters:

IEC's Representative

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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 19/1/5 Time 500 Inspec	ted By		عما	ry V	Very
Site	LMX - Superstancture winds		Con	IFREIC	or: De	mik Ling
Weather		•				
Condition	Sunny Fine Overcast Hazy		Dria	zle (R	ain Stor
Temperati	re[6 °C Humidity High 2 Moders	ite [Lon	N		
Wind	Calm Light Breeze Strong					
General						
Ref.	Checklist Condition	NVA	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 BIA report kept in Engineers' and Contractors' offices on site?		1			
		L		ا		•
LIR QUALI	TY		****		, , , , , , , , , , , , , , , , , , ,	
ReL	Checklist Condition	N/A	Yes	No	Unk	B
					4.4	Remarks
Cap311R:	General Requirements					Kemarks
	General Requirements Has the contractors notified EPD of the construction sits which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/	,		Kemarks
3 Cap311R:	Has the contractors notified EPD of the construction sits which is classified as a notifiable work in a specified form? If there is any		/			Kemarks
3 Cap311R: Sch 12(3)	Has the contractors notified EPD of the construction sits 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	/	/			Remarks
3 Cap311R: Sch 12(3)	Has the contractors notified EPD of the construction sits 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	/	/			Remarks
3 Cap311R: Seh 12(3) Cap311	Has the contractors notified EPD of the construction sits 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?	/	/			Remarks
3 Cap3117c: Seh 12(3) Cap311	Has the contractors notified EPD of the construction sits 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 peved with concrete or sprayed with water to keep	/	/			Remarks
Cap3 1R: Sch 12(3) Cap3 1	Has the contractors notified EPD of the construction sits 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 sir 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 hard roads peved with concrete or sprayed with water to keep the entire road wet?	/	/			Remarks

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					·
Cap311R: Scb 15(3)	Are the storage siles for coment or dry PFA prevented from overfilling?	1				
Cap3 1R: Seb 15(4)	Are the handlings of coment or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	is bulk coment or dry PFA stored in a closed silo fitted with a high-level alarm?	1			,	
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials	·				
Cap311R: Sch 19	Are dusty materials, except carnent and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
emaa. Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fligitive dust emission?	/				
	Use of vahicles					
Cap311R: Seh 21(2) EM&A:	Is every load of dusty material on the vehicles leaving the construction sits covered entirely by clean impervious sheeting?	/				1
Cap\$11R: 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					
Cap\$11R: Sek 20(1)	Are bolt conveyors used for transfer of dusty reaterials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-ball conveyors totally enclosed?	/				. :
Cap211R: Sch 20(3)	is a best scraper or equivalent device installed at the head pulley of every conveyor? Is the best scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				,
Cap311R: Seh 20(4)	Am stockpling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
	Concrete betching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
rm&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?	/				
	ı	1				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
14 F 2 14 14	Missellaneous					
Cap311R: Sch 16	Are completed earthworks scaled and hydrosceded and planted as soon as possible?	/				
Cap3110	is open burning prohibited?	<u> </u>				
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checidist Condition	NA	Yes	No	Unk	Remark
	Dredged Materials					·
emaa; es	Does the appropriate contractor possess valid dumping permits for dredged marries used and have them available for impection?	/				
WMP EM&A: E3	Has the contractor leapt a complete set of demaing records/ficketing system and made them available for inspection?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	Construction Waste and Excavated Materials					
TANA TEINAMB	Does the Contractor possess a valid Public Dumping License for construction wests and excessed materials and make it available for impaction?	/				
WAS	Has the Contractor maintained disposal records for the construction wests and excavated materials, and made them available for inspection?	1				
WMP	la mitable contrate waste/esteavated material used for on-site reclamation/filling works?		1			
WMP	Are the steed formworks rensed as far as possible before being disposed of in a landfill site?		/			
WMP	Are the remaining unsuitable excurvated meterials disposed of at the public filling event?	/				
EMAA: E3	Are waster disposed of at licensed sites?	1				
	General refute					
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?		/			
Whip	Are burning of refuse at site and dumping at sea prohibited?		Z			
	Chemical Waste					
emaa: E3	Han the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chamical Waste) (General Regulation)?					

Rel	Checklist Condition	NA	Yes	No	Unk	Remarks
WDO	Has the Contractor bean registered as a chemical waste producer?	1				
EM&A E3	Has the Contractor kept all the trip tickets for the disposal of obtained waste and made them available for inspection?	1				
emga: Ei	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				
emaa: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
	Storage, collection and transportation of wests	ليسسبيا			1	
emaa: Bj	Are wastes transported by enclosed containers or covered trucks?	/				
emaa: Ri	Are waste materials segregated and sorted into 3 categories as follows?					· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·	(1) public full materials for on-site rouse, or disposal at public filling area;	1				
	(2) resigble/recyclable materials;	/				
	(3) un-reusable / non-recyclable waste for landfill disposal.				. 14	·
emaa: Es	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
- 45-5. j.	Surface Run-off			<u> </u>		. 11.
PNIM	Are the slit removal facilities, channels and membales 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 croston exceed by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
PN1/94	Are measures taken to minimize the ingress of relowater into trenches? Is minimize pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				٠
PN1/94	Are open stockpiles of construction materials (e.g. aggregates, said and fill material) on site covered with tarpaulin or similar fabric charing rainstorms? Are measures taken to prevent the washing away of construction materials, soil, slit 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 new-off from getting into foul sowers?	/				
PN1/94	Groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	/				

Ref	Checklist Condition	NA	Yes	No	Unk	Remarks
	Boring and Drilling Water			İ		
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 sit removal facilities?	/				
	Wheel Washing Water					
PN1/94	Is a wheel-westing bey provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?					

Ref	Checklist Condition	NA	Yes	No	Unk	Remarks
EM&A: G1	Are all persussive piling works conducted on reclaimed land to avoid noise impect to marine mammals?	/				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the soutes stated in the "Plan for Dredging & Rectamation, Routing of Construction Related Marine Vessels, and Installation of Silt Cartain"?	/		·		
EM&A: G3	Is rebble mound servall constructed to the south and west edges of the recisination to enhance recolonization of marine organisms?	1	,			

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
RM&A: C)		duled to minimize noise nuisance?	-	/	-		
EM&A: Ci	Are construction works or equi nuisance?	pment sited to minimize noise		/			
emaa: Ci	Are all plant and equipment ma conditions?	intained in good operating	-	1			
em&a: Ci/GP	Is idle equipment turned off or i		-				
emæa: Ci	Are methods of working devise missions?	d and arranged to minimize noise		/			
ем Д л: С1)	Are construction works carried on instance?	out in a manner to minimize soise				·	
RM&A C2	To mitigate construction noise of helidays, is either one of the fell a) Mitigation by portable nois b) Raushadning of some pow sensitive time periods?	hring Sunday's and public lowing measures adopted? se barriers at neise sources or ered mechanical equipment to less		/			
:AAM: 3	To mitigate night time construct equipped with silencers or muffi	ion noise, is dredging equipment ers?					·
√ CO	Are valid construction poise per inspection?	mits, if required, available for		7			
VCO	Are conditions of construction a relevant part(s) of the works irap	oise persets, if any, for the demented accordingly?		7			
(CO	Are valid noise emission labels ! held percussive breakers?	fixed at air compressors and hand		7			
	Malan palan samualah	☐ Traffic		Constru Site	uction.	activita	ies Inside the
	Major neise source(s)	Construction activities outside the site)thers			

Abbrevistion			
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 (Co Unknown	EM&A: NCO: WDO: natruction Site (Noise Control Ordinance Waste Disposal Ordinance
Remark			
Nil.			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Signatures RT Member	Contractor's Repre	scatalive	

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 1500 Inspect	ou by	ET:	racio	ry M	Very Comment
Site	LMX - Superstructure works					The state of the s
Weather						,
Condition	Sunny Fine Overcast Hazy		Driz	zie [R	ıin Stor
Temperatu	re[1] °C Humidity High 🛮 Modern	te [Lov	٧		
Wind	Caim Zight Breeze Strong					
CENERAL					, ·	
Ref.	Checklist Condition	NA	Yes	No.	Unk	Remarks
VEP15	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 Bingineers' and Contractors' offices on site?		1			
4.5.						•
AIR OUAL	ITY				,	
LIR QUAL	Try Checklist Condition	N/A	Yes	No	Unk	Remarks
	Checklist Condition	N/A	Yes	No	Ųnk	Remarks
		N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition General Requirements Has the contractors notified BPD of the construction site which is plassified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	Remarks
Cap311R: 3	Checklist Condition General Requirements Has the construction with which is classified as a notifiable work in a specified form? If there is any change in the notice, do the construction notify RPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes /	No	Unk	Remarks
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition General Requirements Has the contractors notified BPD 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 BPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes /	No	Unk	Remarks
Cap311R: 3 Cap311R: Sch 12(3) Cap311	Checklist Condition General Requirements Has the contractors notified BPD 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 BPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Y *** /	No	Unk	Remarks
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition General Requirements Has the contractors notified BPD 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 BPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep	N/A	Yes /	No	Unk	Remarks

Ref.	Checkist Condition	NA	Yes	No	Unk	Remarks
	Coment and dry pulverised feel ash (PFA)					<u></u>
Cap311R: Sch 15(3)	Are the storage siles for eament or dry PFA prevented from overfilling?	/				
Cap3) (R: Sch 15(4)	Are the handlings of coment or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/			,	
Cap311R: Sch 15(2)	is bulk coment or dry PPA stored in a closed sile fitted with a high-level alarm?	1				
Cap311R: Sen 17	Are the coment, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1	-			
	Leading, unleading or transfer of dusty materials					
Cap311R: Sun 19	Are dusty materials, except coment and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	1				
emaa: ai	Are the dropping heights of the fill materials controlled to a panetical level to animirate fugitive dust envision?	/				
e de la companya de l	Use of vehicles			,		
Cmp3)1R: Beh 21(2) EN/AA: A1	Is every load of dusty metarial on the vehicles leaving the construction site covered sectively by clean impervious sheeting?	/			ights.	
C=311R: 8ch 21(1)	Is every vehicle wheel-washed by the wheel washing fheilities to remove any dusty materials from its body and wheels before leaving the construction site?		1.	·		,
	Transfer of ducty materials using a best conveyor system					
Cap31 LR: Seb 20(1)	Are best conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	le every transfer point between any two-belt conveyors totally unclosed?	/				
Cap21 IR: Sch 30(3)	Is a belt susper or equivalent device installed at the head pulsey of every conveyor? Is the belt screpor equipped with bottom glates or similar means to prevent falling of meantals from the setum belts?	/			947 17 94 17 94	
Cap311Ri Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?				-	
	Concrete batching plant				٠,	
emaa: A2	Are the loading, unloading, handling, treasfer or storage of any dusty materials corried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except coment and dry PFA, wetted by water apray system?	/				-
EM&A:	Are all the receiving hoppers enclosed on three (3) sides up to 3m above unloading point?		-			
A2		'	- 1	i i	- 1	

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

WASTRICHEMICAL WASTE MANAGEMENT

Ref	Checklist Cundition	NA	Yes	No	Usk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dradged traction and and have them available for inspection?	1			,	
WMP EMAA: E3	Has the contractor kept a complete set of dumping recordant classing system and made them available for importion?	1				
CHAMIES	Are wastes disposed of at licensed sites?	1				
	Construction Watte and Excernice Materials					
WMP EMAAI ES	Does the Contractor primers a valid Public Dumping License for countraction were and encounted materials and make it available for inspection?	1				
WMCP	Has the Contractor maintened disposed records for the construction wasts and excernated materials, and made them available for impection?	/	·			· ·
WMP	Is suitable concrete waste/excavated material used for on-site recismation/filling world?		1			
WMP	Are the used formworks reused as far as possible before being disposed of is a landfill site?		/			
WMP	Are the romaining unsuitable excessed meterials disposed of at the public filling areas?					
EM&A: E3	Are wastes disposed of at ilonated sites?	7				
	General refuse			اا		· ·
WMF	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?	/				
WMP	is general rafuse stored within receptacles and separated from chemical wanter?	/				
WMP	is the refuse disposed of regularly and properly?		$\overline{}$			
WMP	Are burning of refuse at site and dumping at see prohibited?		-			····
	Chemical Waste			<u>-</u> -		
em&a ej	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	NA	Yes	No	Unk	Remarks				
WDO	Has the Contractor been registered as a chemical waste producer?					·				
г м&л: ез	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	1								
BM&A: B4	Is chemical waste hundled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waster?	/								
EM&A: E4	Is the charactel 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: B3	Are waste materials segregated and sorted into 3 categories as follows?		****							
	(1) public fill materials for on-site reves, or disposal at public filling area;				·					
	(2) reusable / recyclable materials;									
	(3) un-reuseble / zon-recyclable waste for landfill disposal.	/			1					
emæa: Es	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?				1					

WATER QUALITY

Ref	Cheeklist Condition	N/A	Yes	No	Unik	Remarks
i i	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 cardinvaria final surfaces well compacted and the subsequent persuanent work or surface protection carried out insmediately after the final surfaces are formed to prevent erosion caused by subsequent? Is appropriate draining: like intercepting changels provided where necessary?	/				
PN1/94	Are measures taken to minimise the ingress of reinvener into trenches? Is reinvester pumped out from trenches or foundation exceptations discharged into storm drains via afit 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 raingtorms? Are measures taken to prevent the washing away of construction materials, soil, slit or debris into the drainage system?	1				
PN1/94	Are granholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	1				
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of sitt in silt removal facilities?	7				

Rel	Cheeldist 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 sill removal facilities?	/				
	Wheel Westerne Wester					
PN1/94	is a whost-weathing bey provided at every exit if practicable and is the silt removed from wash-water before discharging into atom drains?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Romarks
emra: Gi	Are all percussive piling works conducted on reclaimed land to avoid acise impact to marine mammals?	/				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the rounes stated in the "Plan for Dredging & Recismation, Routing of Construction Related Marine Vessels, and Installation of Sit Curtain"?	1				
BM&A: G3	is rabble mound seawall constructed to the south and west edges of the reclamation to enhance recolouisation of marine organisms?	7				

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes schedu			1			
EM&A: CI	Are construction works or equipmousance?	nent sited to minimize noise		/			
em&a: Ci	Are all plant and equipment main conditions?	tained in good operating		1			
BM&A: CI/GP	Is idle equipment turned off or th			/			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
EM&A: Ci	Are methods of worlding devised puisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or nuisance?	ut jn a manner to minimize noise		/		,	
EM&A: C2	To mitigate construction noise du holidays, is either one of the folice. a) Mitigation by portable noise. b) Rescheduling of some power sensitive time periods?	wing measures adopted? barriers at noise sources or		/			
RM&AI C3	To mitigate night time construction oquipped with altenours or muffle		/				
NCO	Are valid construction noise perminepection?	rits, 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		/			
		☐ Traffic	Ø	Const site	ruetio:	a setiv	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	-		

Abbreviation					
VEP: WMP: Cep311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environments Waste Management I APC (Construction I APC (Open Burning) Air Pollation Control Practice Note for Pro- Unknown	Plan Pust) Regulation Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)	
Remark					
Nil.					
					
		·			·
Signatures BT Momber		Contractor's Represen	tative		
(Name in Black to	Nerra:	(Name in Block letters	<u> </u>		
Corry W	My)	Dennis Lily			
	•				
11th November 2	002				

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

Inspection	date 05/01/05 Time 14:30 Inspector	ed by	ET: I		y Ho : Kier	
Site	Transmission Route (Civil Work)		Conta	-		
Veather		_		,	,	
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Stor
Temperat	ure 17 °C Humidity High Moderat	e 🗸	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		→ :			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		✓ :		_	
			-			

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?	1							
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	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								
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1							
	Miscellaneous								
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	~							

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks		
	Dredged Materials				·			
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	:	1					
Сар466	Are wastes disposed of at licensed sites?		1					
	Construction Waste and Excavated Materials	•						
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	*	:					
Сар354	Are wastes disposed of at licensed sited?	1						
	Chemical Waste							
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1						
Cap354C	Has the Contractor registered as a chemical waste producer?		1					
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	✓	i					

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

Ref	Checklist Condition	N/A	Yes	· No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	~				
EM&A: L2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	~				
NCO	Are valid construction noise permits, if required, available for inspection?	-	1			N2, I1, LPS Landing Point
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		1			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?		1			

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	monitored to avoid impact on the uspecies Celtis biondii, Pteris dispa	monitored to avoid impact on the uncommon and rare plant species Celtis biondii, Pteris dispar and Ardicia pusilla, and the restricted plants Vitis balansaeana, Pterospermum heterophyllum and Rhapis excellsa? Are fences erected in accordance with the Hoarding Plan and kept					
EM&A: O2	in good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded are	construction activities at landing points N4 & N5 closely red to avoid impact on the uncommon and rare plant Celtis biondii, Pteris dispar and Ardicia pusilla, and the ed plants Vitis balansaeana, Pterospermum heterophyllum apis excellsa? I condition along the boundary of construction sites to a tipping, vehicle movements, and encroachment of nel into adjacent wooded areas, particularly where the rare, mon and restricted plant species are located? Squalar checking been performed to ensure that the work site uries are not exceeded and that no damage occurs to		~			
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	boundary during construction? Is t	emporary fire fighting		1			
		Traffic	1	Con	!	ion act	ivities inside
	Major noise source(s)			Oth	ers:		

Abbreviation

VEP:

Varied Environmental Permit

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

Cap311: Cap466: APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance EM&A: EM&A Manual (Construction Phase)

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

Remark	 :
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	: :
Cionatavaa	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(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 12/01/05 Time 14:30 Inspec	ted by			ry Ho r: Kie		
Site	Transmission Route (Civil Work)						
Veather			`			•	
Condition	Sumny Fine Overcast Hazy		Driz	zle [R	ain [Sto
Temperate	are 18 °C Humidity High Modera	le 🛂	Lov	W			
Wind	Calm Light Breeze V Strong	•					
ENERAL				_	·	. ,	•
Ref.	Checklist Condition	N/A	Yes	No	Uak	Remar	ks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site ontrances/exits for public information?		-				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~		<u> </u>	<u> </u>	4
IR QUAL	1	T	- 	1		.	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remar	·KS
Cap311R:	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	~					
Cap311R: Seh 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:JJ	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: Seb 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	~					
	Miscellaneous						. :
Cap311R:	Are completed earthworks sealed and hydroscoded and planted as	_	!	1		· _	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	is open burning prohibited?	_	/		<u> </u>	
Cap311	Is black smoke emission from plant/equipment avoided?	·· 	-			<u> </u>
···		1	, 🗸	i '	j	

WASTE/CHEMICAL WASTE MANAGEMENT

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

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: Li	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?		y			N2, 11, LPS Landing Point
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 t species Celtis biondil, Pteris dispa	incommon and rare plant			Y			
•	restricted plants Vitis balansaeana and Rhapis excellsa?							
EM&A: O2			,	~				
EM&A: Q3	Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?			,				!
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is t equipment provided in the work at	emporary fire fighting		*				
		Traffic		Con		ion act	ivities insid	¢
	Major noise source(s)	Construction activities outside the site	1	Oth	ers: E	Birds		

VEP: Varied Environmental Permit EM&A: EM&A Manual (Construction Phase) Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance Cap311: Air Pollution Control Ordinance Cap346: Dumping at Sea Ordinance Cap466: Unik: Uniknown Remark Signatures ET Member Contractor's Representative

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

Inspection of	late 19/01/05	Time 15:00	Inspec	ted by	ET: Hend	гу Но				
-					Contractor: Kier					
Site	Transmissio	n Route (Civil Work)	. •	. '		· i				
Weather	: :									
· · · · · · · · · · · · · · · · · · ·			٠		;; · · · ; ζ,					
Condition	Sunny	Pine Ove	rcast Hazy		Drizzle	Rain	Storr			
Temperatu	re 18°C	Hamidity Hig	th Modera	te 🔽	Low					
.Wind	Calm	Light 🗸 Bre	Strong	•		;				
GENERAL			:							
Ref.	Checklist Condition		.:	N/A	Yes: No	Unk Remar	rks			
VEP 1.5	Has a copy of the most displayed at all vehicula information?	updated Environmental I ar site entrances/exits for	Permit been public		*		•			
VEP 1.6	Is a copy of EIA report on site?	kept in Engineers' and C	ontractors' offices		v					
			:							
AIR QUAL	ITY									
Ref.	Checklist Condition			N/A	Yes No	Unk Remar	rka			
	General Requirements			-	d et					
Cap311R:	classified as a notifiable	ified EPD of the construct work in a specified form yes, did the contractors	n? If there is any	1						
Cap311R: Sch 12(3)	A compressed air jet sh from any vehicle, equip Has this been observed	all not be used for clean ment, other materials or ?	ng or clearing dust person.	4			,			
	Stockpiling of dusty m	nterials		-						
Cap311R: Sch 18 EM&A:J1	shoots or sheltered on ti	materials entirely covere ne top and 3 sides or spre ace wet to prevent dust or	yed with water to			:	!			
	Use of vehicles		i		 					
Cap311R: Sch 21(2)	Is every load of dusty m	naterial on the vehicles le ad entirely by clean imper					. ,			
	Miscelinneous		:	!	1	!				
Cap311R: Sch 16	<u> </u>	rks sealed and hydrosecd	od and planted as							

Ref.	Checklist Condition	N/A Yes No Unk	Remarks
Cap3110	Is open burning prohibited?		
Сар311	Is black smoke emission from plant/equipment avoided	7	
			l

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?		1		·. :	
	Construction Waste and Excavated Materials		1. 1. 1.	,	,	**
Сар354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	· 🗸			:. :	
Cap354	Are wastes disposed of at licensed sited?	· •				
	Chemical Weste				:	
Сар354С	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				
Cap354C	Has the Contractor registered as a chemical waste producer?	ا ب ب ا	,	:		· .
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	. 🗸				v'

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quict PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?		2			
EM&A: L2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	. 🗸			:	· · · · · · · · · · · · · · · · · · ·
NCO	Are valid construction noise permits, if required, available for inspection?		1		i.	N2, I1, LPS Landing Point
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	Ŋ/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at landing points N4 & N5 close monitored to avoid impact on the uncommon and rare plant species Celtis biondii, Pieris dispar and Ardicia pusilla, and the restricted plants Vitis balansaeana, Pierospermum heterophylla and Rhapis excellsa?	ne j				
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and k 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 rauncommon and restricted plant species are located?	`	•			
EM&A: Q3	Has regular checking been performed to ensure that the work siboundaries are not exceeded and that no damage occurs to surrounding areas?	ite	V			:.
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?	·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1144	:	
,	Major poise source(s)	1	Cond the s		on act	vitles inside
	Construction setivition setivities	ies	Othe	rs: B	irds	

Abbreviation EM&A: EM&A Manual (Construction Phase) VEP: Varied Environmental Permit Cap311R: Cap311O: Cap311: APC (Construction Dust) Regulation APC (Open Burning) Regulation NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance Cap354c; WDO (Chemical Waste) (General) Regulation Unk: Unknown Air Pollution Control Ordinance Cap466: Dumping at Sea Ordinance ...: Remark ï, · []; i Signatures **ET Member** Contractor's Representative (Name in Block letters: (Name in Block letters

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

Inspection	date 26/01/05 Time 16:00 Inspect	pected by ET: Hendry Ho					
•			Contractor: Kie		r: Kier	er	
Site	Transmission Route (Civil Work)						
Veather			:		•		
Condition	Sunny Fine Overcast Hazy		_ Driz	zle [Ra	in Stor	
Temperat	ure 18 °C Humidity High Moderat	e 🗸	Lov	V			
Wind	Calm Light Breeze Strong						
			i				
GENERAL							
GENERAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
		N/A	Yes	No	Unk	Remarks	

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

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

WASTE/CHEMICAL WASTE MANAGEMENT

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

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	✓				1
EM&A: L2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	~				
NCO	Are valid construction noise permits, if required, available for inspection?		1			N2, I1, LPS Landing Point
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		1			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?		1			

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	monitored to avoid impact on the uspecies Celtis biondii, Pteris dispa	the construction activities at landing points N4 & N5 closely nitored to avoid impact on the uncommon and rare plant cies Celtis biondii, Pteris dispar and Ardicia pusilla, and the tricted plants Vitis balansaeana, Pterospermum heterophyllum Rhapis excellsa?					
EM&A: O2	Are fences erected in accordance win good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded an uncommon and restricted plant spe		1				
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?	Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?					
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is t equipment provided in the work at			:			
	Traffic		✓	Construction activities inside			tivities inside
	Major noise source(s)	Major noise source(s) Construction activities outside the site			ers: I	Birds	

Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap3110: APC (Construction Dust) Regulation APC (Open Burning) Regulation

Cap311: Cap466:

Air Pollution Control Ordinance

Dumping at Sea Ordinance

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

Noise Control Ordinance

Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

Remark			
, ,	=	,	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block letters:

20th December 2001