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

Inspected By ET:

Contractor:

Time | 0 - 00

Inspection date

Site	Utx- Site formation		_			
Weather		:				
Condition	Sunny Pine Overcast Hazy		Drizz	de [Ra	in Storm
Temperatu	re C Humidity High Moderate	: <u> </u>	Low	•		
Wind	Calm Light Breeze Strong		.1.55 ₩ .35			
GENERAL		energy of	- 			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		√ ✓	-		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?			-		<u></u>
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites					
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?	,	/			
	Stockpiling of dusty materials	·				
Cap311R:	Are stockpiles of dusty materials entirely covered with impervious	1 7		1	1	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 PPA 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?	\checkmark				
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, unleading or transfer of dusty materials	.				
	Are dusty materials, except contest and dry PFA, sprayed with	777.7			7 T	· paraman milania
Sch 19	water immediately prior to any loading unloading or transfer operation?	tandring (200		. Total		
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		$\sqrt{}$			
	Use of vehicles			: · .	. 7	vod v i v i v i v i v i v i v i v i v i v
Cap311R:	Is every load of dusty material on the vehicles leaving the					
Sch 21(2) EM&A: A1	construction site covered entirely by clean impervious sheeting?		$\sqrt{}$			
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?	/				
<u> </u>	Transfer of dusty materials using a belt conveyor system	<u> </u>				<u> </u>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	17		T		

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1	÷ 2565		F T-	
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?	/	or in the	id di	2 (* 1. 18 (*)	Jan H.
	Construction Waste and Excavated Materials		٠.			
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			i.	
WMP .	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	1			-	
WMP	Is snitable concrete waste/excavated material used for on-site reclamation/filling works?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/			
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?				-	
EM&A: E3	Are wastes disposed of at licensed sites?			-		
	General refuse					<u></u> _
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		<u> </u>		
WMP	Is the refuse disposed of regularly and properly?	<u> </u>	7	[
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?	1				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		:			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste*?	/				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?					
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					Europe (1975)
	(1) public fill materials for on-site rease, or disposal at public filling area;	1			1,000	-
	(2) reusable / recyclable materials;					
	(3) un-reusable / non-recyclable waste for landfill disposal:	Ž				
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?		i.			
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?	1		-		

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	· -		Post a		
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?	/			7.73×2	
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"?	. 1.4.	1			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		V	i.			
EM&A: Cl	Are construction works or equip muisance?	ment sited to minimize noise		./	* : *			
EM&A: Cl	Are all plant and equipment mai conditions?	ntained in good operating	_					
EM&A: C1/GP	Is idle equipment turned off or the	prottled down?			 -			
EM&A: CI	Are methods of working devised mussace?	and arranged to minimize noise		- J.				
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise		* /	1 7 7 8 7 8 7 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	===		
EM&A: C2		uring Sunday's and public owing measures adopted? e barriers at noise sources or ered mechanical equipment to less		\	**************************************			
EM&A: C3	To mitigate night time construct equipped with silencers or mufil-	on noise, is dredging equipment ers?						
NCO	Are valid construction noise per inspection?	mits, if required, available for		/				
NCO	Are conditions of construction no relevant part(s) of the works imp	oise permits, if any, for the lemented accordingly?						
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand			 _			
	Main make source(-)	☐ Traffic	IJ.	Constr	uction	activi	ities inside the	
	Major noise source(s)	Construction activities		Others				

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Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Unknown	EM&A: EM&A Manual (Construction Phase) NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance tion Site Drainage)
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Contractor's Representati	tive
	Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Construct Unknown

11th November 2002

(Name in Block letters:)
HUI WAI KWONDY

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

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Site	LHX- Ste Formation	+	Court	rac10	:: W	- K. Uu,
Weather		_				
Condition	Suany Fine Overcast Hazy			zle [✓ R:	oin Storm
Temperatu	_		Low			
Wind-	Calm Light Breeze Strong	हर । इ. इ.च. १	.:\ P		: *	· • • • • • • • • • • • • • • • • • • •
GENERAL	: '					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?	:				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		7			
AIR QUALI	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements			Ш		
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?					
C2p311R: 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 Polintion 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?		/			
	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 cernent 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: Seh 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unhading or transfer of dusty materials	_ ,			· · · · ·	<u>·</u> -
	Are desty materials, except coment and dry PFA, sprayed with	35%				
Sch. 19., - ::	water immediately spior to any loading unloading or transfer operation?	÷ ==		-17-	. -	
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		\checkmark			
	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	٠	
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 teaving the construction site?	\checkmark		<u>.</u>		
	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?	$\overline{\ }$				
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 beight 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 coment 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:	Are all the conveyor transfer points totally enclosed?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
- 1-37 . 	Miscelleneous	_				
Cap311R: Seh 16	Are completed earthworks scaled and hydrosecded and planted as soon as possible?					
Cap3110	Is open burning probibited?		7			
Cap311	Is black smoke emission from plant/equipment avoided?		1			<u> </u>

WASTE/CHEMICAL WASTE MANAGEMENT

Ref .	Checklist Condition	N/A	Yes	Ne	Unk	Remarks
·	Dredged Materials				-	·
WMP EM&A: E3	Dues the appropriate contractor possess valid dumping petititis for dredged instrine mud and have them available for inspection?	/	ः अध्यक्ष	5. 55.		
WMP EM&A: E3	Has the contractor kept a complete set of damping records/ticketing system and made them available for inspection?		. :	.		·
EM&A: 13	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 cucavated 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?		_		_	<u> </u>
WMP	Is the refuse disposed of regularly and properly?		\mathcal{I}	-		
WMP	Are burning of refuse at site and dumping at sea prohibited?				_	
	Chemical Waste					
EM&A: R3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Cheridist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	1	• •			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
EM&A: E4	is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste*?					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	7				
	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?		7 -2002	- 20	- <u> </u>	
	(1) public fill materials for on-site reuse, or disposal at public filling area;	Z		22:	·:	. ·
	(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	NA	Yes	Νo	Unk	Remarks
	Surface Run-off					
PN1/94	Are the sixt removal facilities, channels and macholes maintained and the deposited sixt and grit removed regularly?	abla				_
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 dramage 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 sift 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, sait or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?				:	
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

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Ref	Checklist Condition	N/A	Yes	No	Uak	Remarks
	Boring and Drilling Water	1				
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recurculated 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: GI	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine manuscular?	/	:			
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 seawail constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	Ne	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		Z			
EM&A: C1	Are construction works or equip nuisance?	ement sited to minimize noise		/	•		
EM&A: CI	Are all plant and equipment mai conditions?	ntained in good operating		1	r	 	
EM&A: C1/GP	Is idle equipment turned off or the	hrottled down?					
EM&A: C1	Are methods of working devised anisance?	and arranged to minimize poise	ी. इंजि.सह				
EM&A: C1)	Are construction works carried of missance?	out in a manner to minimize noise			* . ± . .		
EM&A: Cz		nring Sunday's and public owing measures adopted? e barriers at noise sources or ered mechanical equipment to less			 - -	 .:	
EM&A: C3	To mitigate night time construct equipped with silencers or muff	ion noise, is dredging equipment lers?					
NCO	Are valid construction noise per inspection?	mits, if required, available for			-		
NCO	Are conditions of construction or relevant part(s) of the works imp			<i>'</i>	•		
NCO	Are valid noise emission labels theld percussive breakers?	fixed at air compressors and hand.			,		
		☐ Traffie	13	Constr	uction	n aetivi	itles inside the
	Major noise source(s)	Construction activities outside the site		Others	; <u> </u>	_	

Abbreviation			
VEP: WMP: Cap311R: Cap311O: Cap311: PNI/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	EM&A: EM&A Manual (Construction Phase) NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance instruction Site Drainage)	
Remark		*****	
NIL.			
₽		ANNO ———————————————————————————————————	

Signatures			
ET Member	Contractor's Repres	sentative	

11th November 2002

HU, NO KWONOG

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

Inspection	date 16/4(63 Time 10~56 Inspect	ed By			tanley	Cha
Site	Ltlx- Rite Formation		Cont	racto	x: W	<u>-K-Heri</u>
Weather		-		_		···
Condition	Sommy Fine Overcast Hazy	V	Driz	zie	R	tin Stor
Temperat	ure 72°C Humidity 🗹 High 📗 Modera					
Wind	Culm / Light Store		Ŀ	: e- : e-	- 2• - 	 ≙TTL <mark>and</mark> in i
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?	: '	/	-		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1			!
ATR QUAL	· · · · · · · · · · · · · · · · · · ·			k i	1	·
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?		\checkmark			
Cap311	Do the contractors possess valid Air Polktion Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					
	Construction Sites		1		l	
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				

ReL	Checklist Condition	ŅΑ	Yes	No	Unk	Remarks					
	Cement and dry pulverized fuel ish (PFA)										
Cap311R: Sch 15(3)	Are the storage siles for cement or dry PFA prevented from overfilling?	/	! .								
Cap3f1R: Seb 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the verst of the system?	/									
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	√		ļ							
Cap311R: Seb 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	✓									
.:	Loading, unleading on transfer of dusty materials										
Cap311R											
Sch 19	water immediately price to any loading, unloading or transfer operation?		\checkmark								
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		/		: .						
	Use of vehicles	77.23.4	٠								
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: Seb 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] [
	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?										
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/									
Cap311R: Sch 26(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, inloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?										
EM&A: A2	Are dusty materials, except cerneut 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									

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?					
Csf3110	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?			·		

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Cendition	NA	Yes	No	Unk	Remarks
	Dredged Materials;					
WMP EM&A: F3	Does the mystopriate contractor possess valid damping peintits for deedged mixture mud and have them available for inspection?		[<u> </u>	
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			177	• 7.
	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?		/)	}
WMIP	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?		-		 	
emaa: e3	Are wastes disposed of at licensed sites?	Ž		<u> </u>		
	General refuse			_		
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?)]
WMP	Is general refuse stored within receptacles and separated from chemical wastes?			<u> </u>		
WMP	Is the refuse disposed of regularly and properly?	` -	$\overline{\mathcal{J}}$			
WMP	Are burning of refuse at site and dumping at sea probibited?	\ <u> </u>	Ž	-	<u> </u>	
	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	Checkfist Condition	NVA	Yes	No	Unk	Remarks
WDO .	Has the Contractor been registered as a chemical waste producer?	V				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste 7	/			_	
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
<u> </u>	Storage, collection and transportation of waste					· <u> </u>
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	$\overline{\mathcal{I}}$				
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?		THE	_427.	·	
	(1) poblic fill materials for our sale reuse, or	7	######################################		- · ·	_
	(2) reusable / recyclable materials;	V				
	(3) un-reneable / non-recyclable waste for handfill disposal	1		Γ	_	
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?			Τ		

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	N•	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 temporarity 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?					
	Groundwater	ļ ,	<u> </u>	ļ	\vdash	
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	<u> </u>	<u> </u>			<u> </u>

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

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Y⇔	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on rectalmed and 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"?		/			
BM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Ųnk	Remarks
EM&A:	Are working programmes schedul	ed to minimize noise nuisance?					
EM&A: C1	Are construction works or equipm nuisance?	est sited to minimize noise		1			
RM&A: Ci	Are all plant and equipment maint conditions?	tained in good operating		/			
EM&A: CI/GP	Is idle equipment turned off or the			7			
EM&A:	Are methods of working devised missings?	and arranged to minimize noise	EAR.	v/-			<u></u>
EM&A: CI)	Are construction works carried or suisance?	t 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? barriers at noise sources or				21: 21:	
EM&A: C3	To mitigate night time construction equipped with silencers or muffle						
NCO	Are valid construction noise permisspection?	nits, if required, available for		/			
NCO	Are conditions of construction or relevant part(s) of the works impl	ise permits, if any, for the emented accordingly?			1		
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		17	1		
		☐ Traffic	┛	Cons	truetic	n acti	vities inside the
	Major noise source(s)	Construction activities		Othe	rs _		

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 Air Pollution Control Ordinance Cap311: PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark NIL-Signatures **BT Member** Contractor's Representative

11th November 2002

CANDLY CHANGE

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

Inspection	date 16/4(63 Time 10-56 Inspec	ted By		Ç	tanley	Char
Site	LMx- Rite Formation		Cont	racti	or: U	.K. Heyi
Weather		•				<u>. </u>
Condition	Souny Fine Overcast Hazy	٧	Driz	zie	R	ain Storm
Temperat	ure 72°C Humidity 🗹 High 📗 Modera		_			
Wind	Culm / Light Brown Store		<u>.</u>	:. :	2 -y≩A.	errog <mark>est</mark> ika i
GENERAL						-
Re£	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?	: ·	/	-		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
· .	General Requirements	11//1	165	140	CHA	Reniares
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?		\checkmark			
Cap311	Do the contractors possess valid Air Polkation Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	✓				
	Construction Sites		1			
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/	_		
	Stockpiling of dusty materials	1		<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?	\overline{A}				

ReL	Checklist Condition	ŅΑ	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ish (PFA)					
Cap311R: Sch 15(3)	Are the storage siles for cement or dry PFA prevented from overfilling?	/	! .			
Cap3f1R: Seb 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the verst of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	√		ļ		
Cap311R: Seb 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	✓				
.:	Loading, unleading on transfer of dusty materials					
Cap311R	Are dusty undertals, except coment and dry PFA, sprayed with		* *	-	ರ್ಚಾಣ	Table to the second of the sec
Sch 19	water immediately price to any loading, unloading or transfer operation?		\checkmark			
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		/		: .	
	Use of vehicles	77.23.4	٠			
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: Seb 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] [
	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?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 26(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, inloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cerneut 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				

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Cendition	NA	Yes	No	Unk	Remarks						
	Dredged Materials;											
WMP EM&A: F3	Does the mystopriate contractor possess valid damping peintits for deedged mixture mud and have them available for inspection?		[<u> </u>							
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 aites?	1			177	• 7.						
	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?		/)	}						
WMIP	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?		-		 	 						
emaa: e3	Are wastes disposed of at licensed sites?	Ž		<u> </u>								
	General refuse			_								
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?)]						
WMP	Is general refuse stored within receptacles and separated from chemical wastes?			<u> </u>								
WMP	Is the refuse disposed of regularly and properly?	` -	$\overline{\mathcal{J}}$									
WMP	Are burning of refuse at site and dumping at sea probibited?	\ <u> </u>	Ž	-	<u> </u>							
	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	Remark	.5
WDO .	Has the Contractor been registered as a chemical waste producer?	V					
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/					
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste ?	/		İ			
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?	$\overline{\mathcal{I}}$					
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?		TELTE.	_ <u>.:</u>	_ = -		. : .
	(1) poblic till materials for on side retios, or disposal at public filling area;	7	#:::::::::::::::::::::::::::::::::::::	-:-	- · · · · ·		. مد
	(2) reusable / recyclable materials;	V					
	(3) un-reusable / non-recyclable waste for landfill disposal	1		Γ			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly manufacted?	1	ļ	Γ			

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 excevations 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 temporarity 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?		<u> </u>							

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Ųnk	Remarks			
EM&A : C1	Are working programmes schedul			$\sqrt{}$						
EM&A: C1	Are construction works or equipm nuisance?	erst sited to minimize noise		1						
RM&A: Ci	Are all plant and equipment maint conditions?	ained in good operating		/						
EM&A: CI/GP	Is idle equipment turned off or thr	.:		$\sqrt{}$						
EM&A: Ci	Are methods of working devised :	and arranged to minimize noise		1			i - . Di -Rith all			
EM&A: CI)	Are construction works carried ou suisance?	t 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) Reschedaling of some power sensitive time periods?	wing measures adopted? barriers at noise sources or				e1:				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		/							
NCO	Are valid construction noise permisspection?	nits, if required, available for		/			!			
NCO	Are conditions of construction no relevant part(s) of the works impl	ise permits, if any, for the emented accordingly?			1					
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?									
		☐ Traffic	Ø	Cons	ruetic	n acti	vities inside the			
	Malor noise source(s)					Others				

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

11th November 2002

CANDLY CHAN

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

Inspection	date $\frac{70/4/03}{}$ Time $\frac{10-00}{}$ Inspect	ed By	ET:	Ca	aley	Chan
Site	LMX-Site Formation		Cont	racio	i: ¬\	V. K-Hui
Weather	·					
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Stor
Temperati		_	Low	,	7	
-Wind	Calm Light Breeze Strong) (1996) (1997)			- MAST
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?			7.		~
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		7			
AIR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Nei.	General Requirements	NA	Yes	No	Unk	Remarks
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					
	Construction Sites					
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
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?	\checkmark				
and the second second	Loading, unloading or transfer of dusty materials					
		AND THE PERSON NAMED IN		- -		yanahi w ana
Sch 19	_water immediately prior to any loading, unloading or transfer operation?			ामका !	*****	
EM&A:	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles	rre latin		1	· · · · · · · · · · · · · · · · · · ·	the francis
Cap311R:	Is every load of dusty material on the vehicles leaving the					
Sch 21(2) EM&A: A1	construction site covered entirely by clean impervious sheeting?		.1.		, i	
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			لسسا		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?					
C2p311R: 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					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?		-			
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?			, _		
EM&A: A2	Are all the conveyor transfer points totally enclosed?					

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials				ectes (m)				
WMP. EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mad and have them available for inspection?		6.M45	== ===	;				
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?		Record	12 /2 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?	$\sqrt{}$							
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?		7						
EM&A: E3	Are wastes disposed of at licensed sites?	7							
	General refuse		•	<u> </u>	·				
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?	 	Y						
	Chemical Waste	·							
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?								

Ref ,	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?					
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?					
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		,			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?		Republican Control	111		F A LL Comme
	(1) public fill materials for on-site reuse, or disposal at public filling area;	1		7 <u>7</u> 94	Art est	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
	(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?					
PN 1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		/		·	
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		/			-
EM&A: C1	Are all plant and equipment mai conditions?	ntained in good operating					
EM&A: C1/GP	Is idle equipment turned off or the	hrottled down?			•		
EM&A: C1	Are methods of working devised nuisance?	Are methods of working devised and arranged to minimize noise noisance?					
EM&A: C1)	Are construction works carried on nuisance?				7.00		
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?					324 h	
EM&A: C3	To mitigate night time construct equipped with silencers or muffl		/		14		
NCO	Are valid construction noise per inspection?	nits, if required, available for					
NCO	Are conditions of construction neelevant part(s) of the works imp			\checkmark			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?				-		
	Major noise source(a)	☐ Traffic	Construction activities inside the site Others				ities inside the
	Major noise source(s)	Construction activities outside the site					

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

(Name in Block letters:

HUI WOI KWONGT

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 $2/2/03$ Time 13200 Inspect	ed By	ET:	racto	<u>.</u> Ε τ: 6492 *	<u>LEE</u> (18E
Site	LMX-UNITL9 PILING		Com		·· JAKK	ן נעל
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Sto
Temperatu	ure 21 °C Humidity High Moderat	e	Lov	v		
Wind-	Calm Light Breeze Strong	- 	, f.	٠		
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/	-		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		7			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
<u> </u>	General Requirements	<u></u>		<u> </u>		<u>!</u>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?					
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?		/	<u> </u>		
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>
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			
	Stockpiling of dusty materials		<u> </u>			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?		/			

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?) : 	·		To the second se	
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles					·
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1				
Cap311R:	Is every vehicle wheel-washed by the wheel washing facilities to		1	\top	1	
Sch 21(1)	remove any dusty materials from its body and wheels before leaving the construction site?	/				
`	Transfer of dusty materials using a belt conveyor system					-
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
····	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/		-		
EM&A:	Are all the conveyor transfer points totally enclosed?	+ - /	1	- -	1	1

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
·	Dredged Materials -					·
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		i i			
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?	7				
	General refuse					<u></u>
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: F3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		/			

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

WATER QUALITY

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

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		/			
EM&A: Cl	Are construction works or equip nuisance?	ment sited to minimize noise		1			
EM&A: Cl	Are all plant and equipment mai conditions?	ntained in good operating		/			
EM&A: CI/GP	Is idle equipment turned off or t	hrottled down?		1			
EM&A: C1	Are methods of working devised nuisance?	d and arranged to minimize noise	i pir.				
EM&A: C1)	Are construction works carried on uisance?	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 pow sensitive time periods?	luring Sunday's and public lowing measures adopted? se barriers at noise sources or ered mechanical equipment to less	/				
EM&A: C3	To mitigate night time construct equipped with silencers or muff	tion noise, is dredging equipment lers?	/				
NCO	Are valid construction noise per inspection?	mits, if required, available for		/			
NCO	Are conditions of construction relevant part(s) of the works im			/			
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		/			
	Major poice course(s)	☐ Traffic	Ģ	Cons	truction	on acti	vities inside the
	Major noise source(s)		Other	rs		 	

Abbreviation					
VEP: WMP: Cap311R: Cap3110: Cap311: PN1/94: Unk:	Varied Environmental I Waste Management Pla APC (Construction Dus APC (Open Burning) R Air Pollution Control C Practice Note for Profes Unknown	n st) Regulation egulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage)	
Remark			<u></u>		
NIL					
	· ·		<u> </u>		
rinin de la composición dela composición de la composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición dela composición de la composición dela composición de	· · · · ·	· ·		· · · · · · · · · · · · · · · · · · ·	
					
		·-			
Signatures				<u> </u>	
ET Member		Contractor's Representat	ive		
(Name in Block le	•	(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 d	ate 3/4/03 Time 1/200 Inspecte	d By	ET:	Cactor	F	LEE CHACL CHETUZ
Site	LMX- UNIT L& PILING	l				3,00
Weather					•	····
Condition	Sunny Fine Overcast Hazy		Driza	zle [Ra	in Stor
Temperatu	re 23°C Humidity High Moderate	e	Low			
Wind-	Calm Light Breeze Strong				indice of First Sec	
GENERAL			<u>.</u>			. <u></u>
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		_			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	L		<u>1</u>	<u></u>	<u> </u>
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			-
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites		•			
EM&A: 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?		/			

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	1				·
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/		-		
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	/		1		
,	Transfer of dusty materials using a belt conveyor system	-1				
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/	į			-
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:	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?					
A2	acove amounts porms	`		ì		

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
·	Dredged Materials				15.72	:
WMP	Does the appropriate contractor possess valid dumping permits for	:::::				l
EM&A: E3	dredged marine mud and have them available for inspection?		. Lat	ein :	:	:
WMP	Has the contractor kept a complete set of dumping					
EM&A: E3	records/ticketing system and made them available for inspection?			-		
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					<u></u>
WMP	Does the Contractor possess a valid Public Dumping License for					
EM&A: E3	construction waste and excavated materials and make it available					
	for inspection?)				
WMP	Has the Contractor maintained disposal records for the					
	construction waste and excavated materials, and made them		,			
	available for inspection?					
WMP	Is suitable concrete waste/excavated material used for on-site		_			
	reclamation/filling works?					
WMP	Are the used formworks reused as far as possible before being					
	disposed of in a landfill site?					
WMP	Are the remaining unsuitable excavated materials disposed of at			-		
	the public filling areas?		· '	1	,	
Ples L Do						
EM&A: E3	Are wastes disposed of at licensed sites?			i I		
	General refuse			L		
WMP	Has the Contractor maintained a disposal record for general refuse			—- ₁		
	and made it available for inspection?		_	·		
WMP	Is general refuse stored within receptacles and separated from					
	chemical wastes?				ļ	
WMP	Is the refuse disposed of regularly and properly?					
-	and to see amproped of to Baim to alla broberts:	ļ	/	,	ļ	
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A:	Has the contractor obtained the necessary disposal permits from		<u> —</u> ,¬			
E3	the relevant authority, if required, according to Waste Disposal	1			ļ	
	(Chemical Waste) (General Regulation)?		/	į	}	

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		/			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		/		,	
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		/			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		/			
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?					
EM&A: E3 -	Are waste materials segregated and sorted into 3 categories as Follows?		- 		integrando a	
	(1) public fill materials for on-site reuse, or disposal at public filling area;				-121.0	
	(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?	/				

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

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	/			1 47	7 <u></u>
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	_				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				<u> </u>

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes schedul	led to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise				:	
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: CI/GP	Is idle equipment turned off or the	ottled down?					
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise	er Fa	1	in a		en force of the control of the contr
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise					
EM&A: C2	To mitigate construction noise du holidays, is either one of the folloa) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	wing measures adopted?				- 20.0	
EM&A: C3	To mitigate night time construction equipped with silencers or muffle	on noise, is dredging equipment ers?	/				
NCO	Are valid construction noise permisspection?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works imp	oise permits, if any, for the lemented accordingly?					
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		/			
1	Major noise source(s)	☐ Traffic	[Z	Cons:	tructio	n acti	vities inside the
	Major Horse source(s)	Construction activities		Othe	rs _		

Abbreviation			
VEP: WMP: Cap311R: Cap3110: 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 Perso Unknown	n NCO: WDO:	-
Remark			· · · · · · · · · · · · · · · · · · ·
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Signatures			
ET Member	Contractor's	Representative	
•			
4-2	MA	home	
(Name in Block let	ers: (Name in Bl	ock letters:	_
CF LE	EE) MCHEM	·····	

11th November 2002

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

Inspection of	late 16/4/03 Time 15:00 Inspect	ed By		C		EE MEL CHEUS
Site	LMX - UNIT 18 PILING.	!	Cont	Iacio	1. /u	THE DELEMENT
Weather			•			
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storm
Temperatu	re 244°C Humidity High Moderat	e [Low	,		
Wind	Calm Light Breeze Strong		. 1 1			
GENERAL			-			·
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		_			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
AIR QUALI	TY			<u> </u>		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	· 				
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/		-	
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?		-			
	Construction Sites				·	
EM&A: 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?		/			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
<u>-</u>	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
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?			<u>-</u>		
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	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?				-;	
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	/				
	Transfer of dusty materials using a belt conveyor system	L	•		-	-
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/		Τ		
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?		-			
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant	_				
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
				- 1		

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

WASTE/CHEMICAL WASTE MANAGEMENT

Dredged Materials Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection? Has the contractor kept a complete set of dumping ecords/ticketing system and made them available for inspection? Are wastes disposed of at licensed sites? Construction Waste and Excavated Materials Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/		24 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	- 1	
Has the contractor kept a complete set of dumping ecords/ticketing system and made them available for inspection? Are wastes disposed of at licensed sites? Construction Waste and Excavated Materials Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available		F	30 1	:	
Has the contractor kept a complete set of dumping ecords/ticketing system and made them available for inspection? Are wastes disposed of at licensed sites? Construction Waste and Excavated Materials Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available	/		-		
Are wastes disposed of at licensed sites? Construction Waste and Excavated Materials Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available	/				
Are wastes disposed of at licensed sites? Construction Waste and Excavated Materials Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available	/				
Construction Waste and Excavated Materials Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available	/				
Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available	·				
construction waste and excavated materials and make it available	<u> </u>				L -
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Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them					1
available for inspection?					
s suitable concrete waste/excavated material used for on-site	_	 	⊢		
eclamation/filling works?					
are the used formworks reused as far as possible before being		 	H		
isposed of in a landfill site?					
are the remaining unsuitable excavated materials disposed of at					
ne public filling areas?)]	ļ
are wastes disposed of at licensed sites?	/				
General refuse			1		
las the Contractor maintained a disposal record for general refuse			<u> </u>		
nd made it available for inspection?					
			<u> </u>		
s general refuse stored within receptacles and separated from hemical wastes?					
the refuse disposed of regularly and properly?					
re burning of refuse at site and dumping at sea prohibited?	···	-	 	}	
hemical Waste	<u> </u>		<u> </u>		
as the contractor obtained the necessary disposal permits from				1	
te relevant authority if required according to Worte Diseasel	 		I	- 1	
ii din di	e the remaining unsuitable excavated materials disposed of at e public filling areas? e wastes disposed of at licensed sites? eneral refuse as the Contractor maintained a disposal record for general refuse d made it available for inspection? general refuse stored within receptacles and separated from emical wastes? the refuse disposed of regularly and properly? e burning of refuse at site and dumping at sea prohibited?	sposed of in a landfill site? The the remaining unsuitable excavated materials disposed of at the public filling areas? The wastes disposed of at licensed sites? The wastes disposed of at licensed sites? The contractor maintained a disposal record for general refuse at a made it available for inspection? The general refuse stored within receptacles and separated from the emical wastes? The refuse disposed of regularly and properly? The burning of refuse at site and dumping at sea prohibited? The emical waste The contractor obtained the necessary disposal permits from the public part of the contractor obtained the necessary disposal permits from the public part of the contractor obtained the necessary disposal permits from the contractor obtained the contractor obtained the necessary disposal permits from the contractor obtain	e the remaining unsuitable excavated materials disposed of at e public filling areas? The wastes disposed of at licensed sites? The wastes disposed of at licensed sites? The eneral refuse The Contractor maintained a disposal record for general refuse disposal refuse disposal refuse at available for inspection? The refuse stored within receptacles and separated from emical wastes? The refuse disposed of regularly and properly? The burning of refuse at site and dumping at sea prohibited? The emical waste The contractor obtained the necessary disposal permits from	e the remaining unsuitable excavated materials disposed of at e public filling areas? e wastes disposed of at licensed sites? eneral refuse as the Contractor maintained a disposal record for general refuse d made it available for inspection? general refuse stored within receptacles and separated from emical wastes? the refuse disposed of regularly and properly? the burning of refuse at site and dumping at sea prohibited? se the contractor obtained the necessary disposal permits from	sposed of in a landfill site? The the remaining unsuitable excavated materials disposed of at a public filling areas? The wastes disposed of at licensed sites? The eneral refuse The Contractor maintained a disposal record for general refuse and made it available for inspection? The general refuse stored within receptacles and separated from the emical wastes? The refuse disposed of regularly and properly? The burning of refuse at site and dumping at sea prohibited? The emical waste The contractor obtained the necessary disposal permits from the properties from the contractor obtained the necessary disposal permits from the contractor obtained the co

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"?		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?		1			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					Ī.: . ·
7 7 222	(1) public fill materials for on-site reuse, or disposal at public filling area;			1.77		
	(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		•	<u> </u>	·	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	-				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?					
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	/				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?					
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	/				-

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

n.c	Checklist Condition	N/A	Yes	No	Unk	Remarks
Ref	Checklist Condition		i.			
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	/			1000	
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	^				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipmousance?	nent sited to minimize noise		_			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?					
EM&A: C1	Are methods of working devised nuisance?	pulling to the pulling the pul		11. E S			
EM&A: C1)	Are construction works carried or nuisance?	·		;;; /			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		(
NCO	Are valid construction noise perminspection?	nits, if required, available for					
ИСÓ	Are conditions of construction no relevant part(s) of the works impl			/			
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		/			
	Major noise source(s)	☐ Traffic	Ø	Const site	ructio	n activ	ities inside the
}	Tajor none source(s)	Construction activities outside the site	🗖	Other	s <u> </u>	-	

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

11th November 2002

(Name in Block letters:

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

Inspection	date 23/4/03 Time 15=00 Inspect	ied By	ET:	C	F	LEE MACL CLEUK
Site	LMX-UNIT LR' PILING		Con		4. /410	HACL CHEM
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Storm
Temperate	ure⊋{}°C Humidity High Modera	te	Lov	v		
Wind	Calm Light Breeze Strong	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ā			r Toppe
GENERAL						<u></u>
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUAL	Checklist Condition	N/A	Yes	No	Unk	Remarks
·	General Requirements	IVA	1 es	110	UBK	Remarks
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?			:		
	Construction Sites					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R:	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: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/			_	
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/			,	
	Loading, unloading or transfer of dusty materials					<u></u>
Cap311R:	Are dusty materials, except cement and dry PFA, sprayed with			1	: : ::	-1
Sch 19	water immediately prior to any loading, unloading or transfer operation?	/			··· <u></u> -	-
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A:	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Al Can 211 Da	Is every vehicle wheel-washed by the wheel washing facilities to	 		+		
Cap311R: Sch 21(1)	remove any dusty materials from its body and wheels before leaving the construction site?					
-	Transfer of dusty materials using a belt conveyor system		_ 1,		•	
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A:	Are all the conveyor transfer points totally enclosed?	17	-		1	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
,	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				
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>
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	- (i : Le Barrer	1 € [†] ,,,		
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1				
ем&А: Е3	Are wastes disposed of at licensed sites?	1/				
	Construction Waste and Excavated Materials	7				
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?		/			
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?		/			
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	1		_		
	General refuse					··
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?	 	/	 		
WMP	Are burning of refuse at site and dumping at sea prohibited?		ĹZ	上		
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		/			

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

WATER QUALITY

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

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes schedul			/			
EM&A: Ci	Are construction works or equipm nuisance?			/		:	
EM&A: C1	Are all plant and equipment maint conditions?	ained in good operating				i :	
EM&A: C1/GP	Is idle equipment turned off or thr	<u></u>		_			
EM&A: C1	Are methods of working devised a nuisance?	and arranged to minimize noise	95 EC	/	7-7. 1		
EM&A: C1)	Are construction works carried ou nuisance?			/		.22 1/3	
EM&A: C2	To mitigate construction noise durable 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		/			
NCO	Are conditions of construction no relevant part(s) of the works impl	ise permits, if any, for the emented accordingly?		/			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand					
		☐ Traffic	Q'	Cons	tructio	n acti	vities inside the
	Major noise source(s)	Construction activities outside the site		Others			

Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Pen Waste Management Plan APC (Construction Dust) I APC (Open Burning) Regu Air Pollution Control Ordi Practice Note for Professio Unknown	Regulation Ilation nance	NCO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance rainage)
Remark				-
NIL				
- *		<u> </u>		
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	. •			
Signatures			- "	· · · · · · · · · · · · · · · · · · ·
ET Member	Co	ntractor's Representati	ve	
		,		
4-3		Met as	75-	
(Name in Block let		ine in Block letters:		_
C F LEE		M. CHEUK		

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 30/4/03 Time 1/200 Inspect	ed By	ET:			LEE
Site	LMX- UNIT L9 PILING		Con	racio	or: M	CHEME
Weather						· · · · · · · · · · · · · · · · · · ·
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Storm
Temperati	ure 20°C Humidity High Modera	te	Lov			
Wind	Calm Light Breeze Strong				antini. Andria	
GENERAL				•		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUAL	ITY			_		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials	L1				
C2p311R: 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					
DCE AZ.	operation?	ノ		e program	*****	
EM&A:	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles					er same
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	·				<u> </u>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/			·	
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A:	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
A2	above uniouding point.	'	- 1	. 1	I	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
,	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					
Cap3110	Is open burning prohibited?		/			
C2p311	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?	الر ال	e men	==	i i	
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?		on a second	20,5		• " .
	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					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?		/			

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

WATER QUALITY

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		1			
EM&A: CI	Are construction works or equip nuisance?	ment sited to minimize noise		1			
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 th	nrottled down?		7			
EM&A:	Are methods of working devised nuisance?		± ./				
EM&A: C1)	Are construction works carried on nuisance?			_			
EM&A: C2	To mitigate construction noise di holidays, is either one of the folla a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	/			• • •		
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle	ion noise, is dredging equipment ers?	1			٠.,	
NCO	Are valid construction noise per inspection?	nits, if required, available for		- /	_		
NCO	Are conditions of construction no relevant part(s) of the works imp			/			
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand		/			
	Major noise source(s)	☐ Traffic	Construction activities ins				ties inside the
	major none source(s)	Construction activities outside the site	Others				

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

11th November 2002