## Appendix H

Site Audit Summary

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

Inspection of	date 2110/03 Time 1500 Inspect	ed By	<b>├</b> ──			Lee.
Cita	1		Cont	racto	r: W	K. Hui
Site	LMX - Site Formation					
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	R	ain Stor
Temperatu	re C Humidity High Moderat	te [	Lov	٧		
Wind	Calm Light Breeze Strong		į			
GENERAL						-
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/	1. 4.	7477	 
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?	:				
	· · · · · · · · · · · · · · · · · · ·					
	and the second of the second o					
AIR QUAL	TTY			₹.`÷.	yrry 	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	e Prope	\ \ \	1	late Taligna en la Taligna	
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?			1000	6.790 9.790	ing and the second of the seco
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?				-	
. <u> </u>	Construction Sites		<u> </u>	<u> </u>	<u> </u>	<u>                                     </u>
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		7			
<u>.</u>	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: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
****	Transfer of dusty materials using a belt conveyor system			انــا		
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 V	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	er er er Sing find sid Signatur	
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of a every conveyor? Is the belt scraper equipped with bottom plates are or similar means to prevent falling of materials from the return belts?		িভাইই হালেজিক	\$ \$.	976 9 5 <b>48</b> 41	ドロン 表 <b>体的</b> に -
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?	<i>/··</i>				
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?	\				
Cap311O	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?		/			

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials		·			
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1		!		
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?		-			-
EM&A: E3	Are wastes disposed of at licensed sites?	/		31.A 12.1	- :··-	
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?		· t	-	-	
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?	- <del>- 1 -</del>				
<b>WMP</b>	Are the used formworks reused as far as possible before being disposed of in a landfill site?	To the second of	Z.	ा बक्र	X - 1. 2 - 1. 3 - 1.	tvii 
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?		-12::# #3.4	5 1 4		
EM&A: E3	Are wastes disposed of at licensed sites?	7		***		_
	General refuse		<u> </u>	٠	L	·
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	/				
WMP	Is the refuse disposed of regularly and properly?	<del></del>	/	·	-	
WMP	Are burning of refuse at site and dumping at sea prohibited?		7			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	7				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				<u> </u>
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?	/				<del>.</del> .
	Storage, collection and transportation of waste	<u> </u>		•		<del></del>
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/				· · ·
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	7	ĺ	$\dashv$		
	(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?	/			**	<i>'</i> .
	- 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (					

#### 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?	/			2 5	
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?		To a second	<b>汽港機</b>	and the	1 <b>Z</b> <sup>2</sup> 7 / 3 × 1
PN1/94 · ·	'Are measures taken to minimize the higress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	/	37,246.0		خبين	
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				-
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	1				
PN1/94	Groundwater  Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
-""	Boring and Drilling Water	<u> </u>			<del>                                     </del>	
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			<del>  </del>	
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: Gl	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?		1			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		/			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?		All San		14 h =	<u> </u>

### NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: CI	Are working programmes schedu			/			
EM&A: CI	Are construction works or equipm nuisance?	nent sited to minimize noise					
EM&A: Cl	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: CI/GP	Is idle equipment turned off or the	rottled down?		/			
EM&A: Cí	Are methods of working devised nuisance?	and arranged to minimize noise					
EM&A: C1)	Are construction works carried or nuisance?	nt 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?		/				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle				7,		
NCO	Are valid construction noise peru inspection?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works impl			/			
NCO	Are valid noise emission labels fi held percussive breakers?		/		:		
		☐ Træffic	7	Const site	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

### Abbreviation Varied Environmental Permit VEP: EM&A: EM&A Manual (Construction Phase) WMP: Waste Management Plan APC (Construction Dust) Regulation Noise Control Ordinance Cap311R: NCO: 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 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

	date $8/1663$ Time $15-00$ Inspect	ed By	ET:		CF	Lee
	-		Cont	racto	or: W	-K-Hi
Site	LMX-Site Formation					• •
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle {	R	ain Sto
Temperatu	re 27°C Humidity High Modera	te	Lov	v		
Wind	Calm Light Breeze Strong		<i>i</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?		/	- N	TAR ME.	
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
ATR OTIAL						<u>.</u>
	T	N/A	Ves	i i		Remarks
AIR QUALI	Checklist Condition	N/A	Yes	i i	Unk	Remarks
	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any		.1523	No	Unk	
Ref.	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is		.1523	No	Unk	
Ref. Cap311R: 3 Cap311R:	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD hit the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this		.1523	No	Unk	
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify RPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever		.1523	No	Unk	
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD if the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?		.1523	No	Unk	
Cap311R: 3 Cap311R: Sch 12(3) Cap311	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD hit the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep		.1523	No	Unk	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?					
	Loading, unloading or transfer of dusty materials					·
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		÷			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
**	Use of vehicles					
Cap311R: Sch 21(2) EM&A:	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		لينيا			<del></del>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/		•		
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	<u> </u>	\$5.0 Te	- 13 13 13	Self in	
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of a every conveyor? Is the belt scraper equipped with hottom plates are or similar means to prevent falling of materials from the return belts?	200 10 200 200 200 200	ात्रकंडी <b>प</b> ्रत्येक्टि			elbach.
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?	٨.				<u> </u>
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				·
ļ	Are all the conveyor transfer points totally enclosed?	<b> </b>	·····	<del>  </del>		

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	Uak	Remarks
	Dredged Materials		:			
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/	1			
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	_				
EM&A: E3	Are wastes disposed of at licensed sites?	/		1.7		
	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?	/				
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?			44.0		•
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?		经验			The second secon
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?	<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	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?					
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	1				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste**?					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
	Storage, collection and transportation of waste	•				
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/				
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	1	1			<del></del> ,
	(2) reusable / recyclable materials;	./				•
	(3) un-reusable / non-recyclable waste for landfill disposal.	1				
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	/			**	

#### WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off	1		·		<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			iga (	14,5	1
	immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?		•giar∵		ir ism milis	
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?	/	manus de la composition della	* * &	es de	gradina y falsa g
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?	<i>\</i>	•			
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?		/			

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?		1			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		1.3	's et s	4. A.A.	
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?		\			<del></del>

#### NOISE

Ref	Checklist Condition		N/A	Yes	No	Uak	Remarks	
EM&A: C1	Are working programmes schedu	lled to minimize noise nuisance?		/				
EM&A: C1	Are construction works or equipring nuisance?	ment sited to minimize noise	,	/	i			
EM&A: CI	Are all plant and equipment main conditions?	ntained in good operating		\				
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		/				
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise						
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise		/				
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	owing measures adopted?						
EM&A: C3	To mitigate night time construction equipped with silencers or muffle							
NCO	Are valid construction noise perm inspection?	nits, if required, available for						
NCO	Are conditions of construction no relevant part(s) of the works impl							
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		1		•		
	Walannaka aanaa (a)	☐ Traffic		Constr site	uction	activi	ties inside the	
	Major noise source(s)	Construction activities outside the site						

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

11th November 2002

.ame in Block etters:

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

Inspection of	late 15/16/03 Time (6200 Inspect	ed By	ET:	C	F.	Lee
Site	Lorex - Site Formation		Cont	racto	or: w	.K.Hui
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	R	ain Stort
Temperatu	re C Humidity High Moderat	te	Lov	v		
Wind	Calm Light Breeze Strong		:			
GENERAL		. •				
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?					
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1/			
AIR QUALI		I	T	F 7	• • •	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap311R:	General Requirements  Has the contractors notified EPD of the construction site which is	1	I "			
3	classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD if the change?	233.42 11.12	Sec 10	1 年 6 日	(2.000) (2.000)	ी है। बोलिसके के अपने हैं। बोलिसके के हैं।
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	A	· · · · · · · · · · · · · · · · · · ·	·	<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 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	·	<b>.</b>			<u>.                                    </u>
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/	:			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
-	Use of vehicles	-				
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?			-		
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	\ \ \ \ \ \		i mā		
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 are or similar means to prevent falling of materials from the return belts?	A42	ungelit. Kalender (		15 THE 18	A A Section Co.
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?	<i>(</i> · ·				
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?			$\dashv$		

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

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remark	s
	Dredged Materials						
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	. /					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/	•			-	
EM&A: E3	Are wastes disposed of at licensed sites?	7.55	F 1714	, .	·		
	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?	,	1.00	4			
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?		(مجمع نشد (۱۰وز) (۱۱ م				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?				the same	1430 (1) 1430 (1) 1430 (1)	
EM&A: E3	Are wastes disposed of at licensed sites?	/					
	General refuse	· · · · · · ·	l	li			
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?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	_	1			· · · · · · · · · · · · · · · · · · ·
	(2) reusable / recyclable materials;	. \				-
	(3) un-reusable / non-recyclable waste for landfill disposal.					
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?				9.7	

- Communication (1995) - Communication (1995) - Communication (1995)

## 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	- 24	aggreen		\$ 0350 \$ 1000 \$ 1000	
	erosion caused by rainstorms? Is appropriate dramage like intercepting channels provided where necessary?		A STATE OF		marrie second	
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?		agrision.		Paragonal .	
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	I				
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?	/	Ì			
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	.:+si*s		
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 schedu	iled to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equiponuisance?	nent sited to minimize noise		\			
EM&A: CI	Are all plant and equipment main conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment tumed off or th	rottled down?		/		-	
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or nuisance?			/			
EM&A: C2	To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted?  a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods?			/			
EM&A: C3	To mitigate night time construction equipped with silencers or mufile		/		,		
NCO	Are valid construction noise pern inspection?	nits, if required, available for		(			
NCO	Are conditions of construction no relevant part(s) of the works impl			/			
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		/			
	Major noise source(s)	☐ Traffic	Ø	Constr site	uction	activi	ties inside the
	MINIOL HOISE ROULCE(2)	Construction activities outside the site		Others	•		

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

11th November 2002

ame in Block letters:

Abbreviation

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

	late $221i0/03$ Time $15 = 00$ Inspect	ed By	ET:			Lee
Site	LMX - Site Formation		Cont	racto	»r: س	- K. Hin
	LIVE - NIL TOYMATION					
Weather					-	
Condition	Sunny Fine Overcast Hazy		Driz	zle [	R	ain Stor
Temperatu	re 26 °C Humidity High Moderat	e _	Lov	v		
Wind	Calm Light Breeze Strong		į			
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?		_		Zee Williams	
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
IR QUAL	TY .		r	3,67	# 1 v 1	e e e e e e e e e e e e e e e e e e e
Ref.			I			
	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Checklist Condition  General Requirements	N/A	Yes	No	Unk	Remarks
Cap311R:-3	and the second s			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 10 A	
	General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 10 A	
3 Cap311R:	General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD in the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this		in M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 10 A	
Cap311R: Sch 12(3)	General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD in the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever		in M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 10 A	
Cap311R: Sch 12(3)	General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify RPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?		in M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 10 A	
3 Cap311R: Sch 12(3) Cap311 EM&A:	General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD if the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep		in M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 10 A	

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	<u> </u>	<u> </u>			·
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		!			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
	Transfer of dusty materials using a belt conveyor system			·		<del></del>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	22.2			STATE	
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 are or similar means to prevent falling of materials from the return belts?	ij.	3 541 Quitatri	A.	ंक ख क् <b>ली</b> गा	
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?					····

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

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials				•	
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		/			
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				•
EM&A: E3	Are wastes disposed of at licensed sites?		1 77:			
	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?	/	. w = 1 1 1 1	-		
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/			,	
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?			1 1 4 4 5 44 5 7		•
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1 <b>2</b> 10			West I	
EM&A: E3	Are wastes disposed of at licensed sites?	\		7	V	
	General refuse			i	<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: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					-

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	/				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?					
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?					
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/	7			
	(2) reusable / recyclable materials;	./				
	(3) un-reusable / non-recyclable waste for landfill disposal.	/				
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	/			14 - 17 Jr	·.

## WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/	•			
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent crosion caused by rainstorms? Is appropriate dramage like intercepting channels provided where necessary?	(C.,		A S	16 To	र मुंदिकी समुद्रिकी
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1	in the second		ا فعديد بوس	and the second
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			
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"?		- X	j seda	. 4	
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

#### NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes schedul	ed to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipmous nuisance?	nent sited to minimize noise		/			
EM&A: Cl	Are all plant and equipment maint conditions?	tained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or thr	ottled down?		/			
EM&A: C1	Are methods of working devised a nuisance?	and arranged to minimize noise		1			
EM&A: C1)	Are construction works carried ou nuisance?	e construction works carried out in a manner to minimize noise isance?  mitigate construction noise during Sunday's and public					
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?		/				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle						
NCO	Are valid construction noise perminspection?	its, 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 fixed at air compressors and hand held percussive breakers?						
		☐ Traffic	Ø	Const	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities	Others				

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

11th November 2002

iame in Block letters:

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

Inspection of	date 28/10/03 Time 16205 Inspect	led By				-Lee
Site	LMX-Site Formation		Con	часи	οπ: <u>De</u>	nnis Ling
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle	R	ain Storr
Temperatu	re 25 °C Humidity High Modera	te	Lov	v		
Wind	Calm Light Breeze Strong		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?	:	26			
AIR QUALI	TY		<u> </u>			
Ref.	Checklist Condition	N/A	. Yes	No	Unk	Remarks
· •	General Requirements	** .		•	1	
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		3 males	<b>金藤子</b>	6/1907	eta jara eta eta eta eta eta eta eta eta eta et
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?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		:			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles			21.4		
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/			- 11	
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?				34143	
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?	29:	e et		a da la Andrea	<b>3.76</b>
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				·
	Concrete batching plant	-				
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	_				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	۲.				
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?					

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remark	cs
	Dredged Materials		:				_
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/					
EM&A: E3	Are wastes disposed of at licensed sites?	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?	/					
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?		12.3/.	421		•	
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	: A		**	400		
EM&A: E3	Are wastes disposed of at licensed sites?	/		- T- (2)			
	General refuse	<u> </u>	1	i			
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?	<del>                                     </del>	/				
WMP	Are burning of refuse at site and dumping at sea prohibited?						_
	Chemical Waste						
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				-	

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	/				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				
	Storage, collection and transportation of waste	•				
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/				
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/	(			
	(2) reusable / recyclable materials;	./				
	(3) un-reusable / non-recyclable waste for landfill disposal.	/				
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		** .	9.1	

## WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Uak	Remarks
	Surface Run-off				•	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/	•			
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent crosion caused by rainstorms? Is appropriate dramage like intercepting channels provided where necessary?	:/^.		130 g	a to da se sen mulis	
PN1/94 · -	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1			فسد يسه	
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?			1		

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

#### MARINE ECOLOGY

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?	/	I			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		<b>✓</b> .32	- دمو		
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	Uak	Remarks
EM&A: C1	Are working programmes sched		/				
EM&A: C1	Are construction works or equip nuisance?	Are construction works or equipment sited to minimize noise nuisance?					
EM&A: CI	Are all plant and equipment mail conditions?	Are all plant and equipment maintained in good operating conditions?					
EM&A: CI/GP	Is idle equipment turned off or th	nrottled down?		/		-	
EM&A: C1	Are methods of working devised nuisance?	Are methods of working devised and arranged to minimize noise nuisance?					
EM&A: C1)	Are construction works carried on nuisance?						
EM&A: C2	To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted?  a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods?			/			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
NCO	Are valid construction noise perrinspection?	nits, if required, available for					
NCO	Are conditions of construction no relevant part(s) of the works imp	oise permits, if any, for the lemented accordingly?		/			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?					•	
	Major noice commerci	☐ Traffic		Constr site	uction	activi	ties inside the
	Major noise source(s)  Construction activities outside the site			Others			

VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmen Waste Management APC (Construction APC (Open Burnin Air Pollution Contr Practice Note for Pr Unknown	t Plan Dust) Regulation g) Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
Remark				
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Signatures				
ET Member		Contractor's Representat	ive	
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11th November 2002

Abbreviation