Appendix H

Site Audit Summary

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

Inspection	date \$/2/03 Time 0.00 Inspect	ed By		- 32.1	إساعات	Chr.
Site	LMX- Ste Townston		Cont	hacte	or y.	t- Hai
Weather				_		
Condition	Sunny Fine Overcast Hazy		Driz	2le [R	aún Stor
Temperati	rre[√] °C Humidity High Moderat	te [Lov	¥		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Uak	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/	1		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/	1		
AĮTR QUAL	1	T	Τ	ŀ	<u> </u>	<u>i</u>
Ref.	Checklist Condition	N/A	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 constructors notify EPD of the change?			78 UA	141- 1	No. Sec.
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?		$\sqrt{}$			
	Stockpiling of dusty materials					
Cap311R:	Are stockpiles of dusty materials entirely covered with impervious					

Ref.	Checklist Condition 1997 1997 1998 1998 1998	N/A	g Yes :	No	Unk	Remarks
	Cement and dry pulverized fuel asir (FFA)	,. 				
ap311R:	Are the storage siles for cement or dry PPA prevented from	15.00 A				
ch 15(3)	overfilling?	/				
			/			
22p311R:	Are the liandlings of cement or dry PFA through a totally enclosed system equipment at the vent					
ich 15(4) 🕾	of the system?	. /		.,		
	the constant	V.	in i			
Cap311R:	is bulk cement or dry PFA stored in a closed silo fitted with a	,,.		ŀ		
Sch 15(2)	high-level alarm?	/				
		V		\vdash		
Cap311R:	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed	./				
Sch 17	containers?	. /			·	
	Containers:	ν.				
	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		_		١.	
MI 17	operation?		IJ			ļ ·
		L	_			
EM&A:	Are the dropping heights of the fill materials controlled to a		/			
AI	practical level to minimize fugitive dust emission?		.		i .	
			Щ.	<u> </u>		<u> </u>
	Use of vehicles		· .			•
Cap311R:	Is every load of dusty material on the vehicles leaving the		_			
Sch 21(2)	construction site covered entirely by clean impervious sheeting?	1		l		
EM&A:		V		l). 	ļ
<u> </u>		<u> </u>				<u> </u>
Cap311R:	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before	٠,				į
Sch 21(1)	leaving the construction site?	/		l		l
	isaving the construction see:	I۷.				
	The second secon			1	<u> </u>	1
	Transfer of dusty materials using a helt conveyor system					
Cap311R:	Are belt conveyors used for transfer of dusty materials covered on	/	.	1	ļ	
Sch 20(1)	the top and 2 sides?	1./	.11-21			l .
	The state of the s	<u> </u>				
Cap311R: Sch 29(2)	Is every mansfer point between any two-belt conveyors totally enclosed?	/	ĺ	i ۱		
201 2 0 (2)	ERCHORCU:	1/	energy (c	1. 1	100 E	l
Cap311R:	Is a belt scraper or equivalent device installed at the head pulley of	. 0-6	-14-2- 0	10,72	e Nati	
Sch 20(3)	every conveyor? Is the belt scrapes equipped with bottom plates is:	<u> </u>	200 E 220	h.,	ည်းအသွ	ļ
• • •	or smollar means to prevent falling of materials from the return				Ŀ•	
. ,	belts?	*	7.5	ŀ		ŀ
- A11Th	Are stockpiling conveyors equipped with level adjusting	1	Y	11	╄	!
Cap311R: Sch 20(4)	mechanism to maintain the dropping height within 1 m?	1 /	l	ı	• •	
SCII 20(4)	проставителя становительной пробра прина с про	IJ		<u> </u>	ļ	l
	Concrete batching plant					
The '	Are the loading, unloading, handling, transfer or storage of any	7	т —	Τ.	ŀ	T
EM&A: A2	dusty materials carried out in a totally enclosed system?	/				
M.A	there has consist out in a sount another expenses	[✓		1.		
EM&A:	Are dusty materials, except cement and dry PFA, wetted by water	_ A		Т		
A2	spray system?	1./	'	1		
		ĻĽ,	<u> </u>	4_	! —	—
EM&A:	Are all the receiving hoppers enclosed on three (3)sides up to 3m	/		1		
A2	above unloading point?	IV.	1	1	1	1
	Are all the conveyor transfer points totally enclosed?	۲,	\vdash	╄	 	
EM&A:					•	

Rel	Checklist Condition	h.,	- 	N/A	Yes	No	Unk	Remarks
	Miscellaneous	:	-1871) or no base on the con-	ziti Nilliann				
Cap311R:	Are completed earthworks 38	fied and hydro	seeded and planted	as	T	Ī- ·	,	
Sch 16	soon as possible?		ing and a first term of the second se			<u>.</u>		
Cap311O	Is open burning prohibited?		. 1 4 was 6 m		/			:
Cap311	Is black smoke emission from			1 . 1	1			. :

VASTE/CH	IEMICAL WASTE MANAGEMENT			٠٠.		•					
Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks					
	Dredged Materials										
WMP EM&A: E3	Does the appropriate contractor possess valid dumping pennits for dredged trarine mud and have them available for inspection?					- "-					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1									
ЕМ&А: ЕЗ	Are wastes disposed of at licensed sites?	1	·•·								
	Construction Waste and Excavated Materials										
WMP EM&A: E3	Does the Contractor possess a valid Public Duniping 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?	$\sqrt{}$				 					
WMP :	Are the used formworks reused as far as possible before being disposed of in a landfill site?				-	P.					
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?		e de la company	76-2- A	e i i i Jakarana Jakarana						
EM&A: E3	Are wastes disposed of at licensed sites?	7	5 8 (109)	* 9:51	en væ	· · · · · · · · · · · · · · · · · · ·					
	General refuse										
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?	1/4									
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	Ĭ			. !						
WMP	Is the refuse disposed of regularly and properly?		1		٠	· · · · · · · · · · · · · · · · · · ·					
WMP	Are burning of refuse at site and dumping at sea prehibited?	· · · · · ·	1	·							
	Chemical Waste										
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					•					

Reg	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO_	Has the Contractor been registered as authorical waste produces?	/			7 7 1 1 7 . j	
ем&А: E3-	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/	<i>i</i> .	1.7K		
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste	1				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/				-
	Storage, collection and transportation of waste		,			
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?					
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?				:	
	(1) public fill materials for on-site reuse, or disposal at public filling area;	1				
•	(2) reusable / recyclable materials;	1				
	(3) un-reusable / non-recyclable waste for landfill disposal.	1				
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	1./				

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Uak	Remarks
 .	Surface Run-off	1.00	9 9-, -			
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 impediately after the final surfaces; are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	V	TRACTION		 	H.
PN1/94	Are measures taken to manage the higgess of nanowater info- trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	V		2870 B		
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?		tate,			
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 semoval of silt in silt removal facilities?					

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TRACE	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Borling and Drilling Water					
PNIDA	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?	· /		Î ~		,
	Wheel Wathing 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 manufals?	$\sqrt{}$				
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	Ne.	Unk	Remarks
EM&A: Cl	Are working programmes schedu	led to minimize noise nuisance?	. :	\checkmark	. Y.≱6 . m%	in instance	
EM&A: C1	Are construction works or equipm nuisance?	neut 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						
EM&A: Ci	Are methods of working devised ouisance?	and arranged to minimize noise					
EM&A: CI)	Are construction works carried or nuisance?	et in a manner to minimize noise		1			· -
EM&A: C2	To mitigate construction noise du holidays, is either one of the foilo 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			/			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		/			
	Major noise source(s)	П Тгапс	Ø	Const site	ructio	e ectiv	ities inside the
	Marjor noise som ce(s)	Construction activities		Other:	s		<u>.</u>

-Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Peri Waste Management Plan APC (Construction Dust) I APC (Open Burning) Regu Air Pollution Control Ordin Practice Note for Professio Unknown	Regulation Elation nance	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
Remark	. "	<u>-</u>	_	
NIL				
			_	<u> </u>
				·
		- ·		
				· · · · · · · · · · · · · · · · · · ·
		·		
				
Signatures				
ET Member	Cor	stractor's Representat	iv e	
(Name in Block led Genley Chan	·	ni WM KM me in Block letters: (1 WB) KWOWA	ng.	- -

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 $2/2/\sqrt{3}$ Time 0.00 Inspect	ted By	_	(Za	nley	Com
Site	LMX - Site Formation		Con	tracto	or: u	1-K. Hui
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle	R	ain Stor
Temperatu	rre[[4] ℃ Humidity High	te [Lov	N		
Wind	Calm Light Breeze Strong					
GENERAL						<u> </u>
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		7	-		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	·	l	1	<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: Sci-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?	\checkmark				
	Construction Sites			ш		
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					-:-
	Stockpiling of dusty materials		L <u>.</u> ,,	1		· · · · · · · · · · · · · · · · · · ·
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					-
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?					
·	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		/			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		√			
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	/				
	Transfer of dusty materials using a belt conveyor system		•	•		
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
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?	1				
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?	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?	1				
Cap311O	Is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?		\checkmark			<u></u> .

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?	\checkmark				
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?	/		:	2.44	
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?		7			
WMP	Are burning of refuse at site and dumping at sea prohibited?		V			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks		
WDO	Has the Contractor been registered as a chemical waste producer?							
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?		ř .					
	Storage, collection and transportation of waste							
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?							
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?							
	(1) public fill materials for on-site reuse, or disposal at public filling area;							
	(2) reusable / recyclable materials;							
	(3) un-reusable / non-recyclable waste for landfill disposal.							
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?							

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
·-··	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	\checkmark				
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?	/	<u> </u>			
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					
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?			<u> </u>		<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: C1	Are working programmes schedu			/			
EM&A: C1	Are construction works or equipm nuisance?	ent sited to minimize noise					
EM&A: Ci	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: Ci	Are methods of working devised nuisance?	and arranged to minimize noise					
EM&A: C1)	Are construction works carried or nuisance?	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?					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle						
NCO	Are valid construction noise perminspection?	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			_		
		☐ Traffic	Ø	Const	ructio	n activ	ities inside the
·	Major noise source(s)	Construction activities		Other			

VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environment Waste Management APC (Construction APC (Open Burnin Air Pollution Controller Practice Note for Punknown	nt Plan n Dust) Regulation ng) Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage)
Remark		· -		. <u>.</u>
NIL				
		<u></u>		
Signatures			- ""	
ET Member		Contractor's Represen	ntative	
•.	·			
(Name in Block le		(Name in Block letter	s: y	<u>, </u>
SANVEY CH	AND	HUI WAI KWONG	<u>a∟</u>	

11th November 2002

Abbreviation

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

Inspection of	date $19/2/03$ Time 0.00 Inspect	ed By	-			Cha
Site	LMX-Site Tormation		Cont	racto	r: 14	V.K. Yui
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Storm
Temperatu	ure【¶ °C Humidity ☐ High ☑ Modera	te	Lov	,		
Wind	Calm Light Breeze Strong		inga;			
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?		/	ļ. -		
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	I			L	
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
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?		$\sqrt{}$			
4	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	· ·				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					
	Transfer of dusty materials using a belt conveyor system	.1	1		-l	<u> </u>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/			-	
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
	Concrete batching plant					
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			

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?		$\sqrt{}$			
Cap311	Is black smoke emission from plant/equipment avoided?		$\sqrt{}$			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials				10.24	
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?				1	
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?					
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/			
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?		\checkmark			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

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

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?					
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?					
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?					
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during 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?				÷	
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	uled to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equiponuisance?	ment sited to minimize noise					
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?					
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise					
EM&A: C2					^		
EM&A: C3	To mitigate night time construction equipped with silencers or muffl	ion noise, is dredging equipment ers?					
NCO	Are valid construction noise per inspection?	mits, if required, available for		/			
NCO	Are conditions of construction neelevant part(s) of the works imp			1			
NCO	Are valid noise emission labels fineld percussive breakers?	ixed at air compressors and hand		/			
	Major pojes agreenda	☐ Traffic	Ø	Const.	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmen Waste Management APC (Construction APC (Open Burning Air Pollution Contro Practice Note for Pr Unknown	Plan Dust) Regulation 3) Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
Remark				
NIL				
			<u> </u>	· · · · · · · · · · · · · · · · · · ·
			*	
Signatures				
ET Member		Contractor's Represe	ntative	
(Name in Block STANLEY	Kletters: CliAN	(Name in Block letter	ima s:	

11th November 2002

Abbreviation

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

Inspection d	late $26/2/05$ Time $10:00$ Inspected	d By			comp	. K. Hus
Site	LMX-SITE FORMATION		Come	i de lo	. //	· (C. Mus)
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storm
Temperatu	re S C Humidity High Moderate	e [Lov	,		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		<u> </u>	<u> </u>		I
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		1			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		1			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	1				
	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 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					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?		1			
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		1			
	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	لـــــــ	·	·		
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A: A2	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	* A				
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/	-			
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	/				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/		:	
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	General refuse		·	·	<u> </u>	<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				
WMP	Is the refuse disposed of regularly and properly?		1	-		
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

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 .	
	(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?	6				
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				
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

	The state of the s						
Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes schedu	led to minimize noise nuisance?					
EM&A: C1	Are construction works or equipm nuisance?			/			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating					
EM&A: C1/GP	Is idle equipment turned off or thi	rottled down?					
EM&A: C1	Are methods of working devised nuisance?						
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?	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		rities inside the			
	Major noise source(s)	Construction activities		Other	s		

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

APC (Construction Dust) Regulation

NCO:

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

Cap311R: Cap3110:

APC (Open Burning) Regulation

Noise Control Ordinance WDO: Waste Disposal Ordinance

Cap311:

Air Pollution Control Ordinance

PN1/94:

Unk:

Practice Note for Professional Persons (Construction Site Drainage) Unknown

Remark							
	Nil	 					
	,	 					
			•				
	`				,		
	and the second s					197-	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

11th November 2002

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

Inspection	date 5/2/03 Time /6200 Inspect	ed By			F	
Site	LMX - UNIT 18 PILING		Com	Tacio	H: KAK	RY 186.
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Stor
Temperat	ure 20°C Humidity High Modera	te [Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						· · · · ·
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			<u> </u>
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Rei.		N/A	Yes	No	Unk	Remarks
Cap311R:	General Requirements Has the contractors notified EPD of the construction site which is					
3	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?	1				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)			•		
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	1				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials	·				•
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: A1	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			<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?					
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?	1				
Cap311O	Is open burning prohibited?		/		}	
Cap311	Is black smoke emission from plant/equipment avoided?		/			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
•	Dredged Materials -					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?		/			
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?		/			
WMP	ls 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)?		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?		<i>(</i>			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		/		_	
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		/			
	Storage, collection and transportation of waste					
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		/			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(I) public fill materials for on-site reuse, or disposal at public filling area;		/			
	(2) reusable / recyclable materials;		1			
	(3) un-reusable / non-recyclable waste for landfill disposal.					
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	1	/			

WATER QUALITY

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				-	
FR1/94	drains after the removal of silt in silt removal facilities?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	\dagger				
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	T				
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?					

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition	The same of the sa	N/A	Yes		Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize poise nuisance?	i batav	4			* \$100 c
EM&A: Cl	Are construction works or equipment in the construction w	nent sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating	nd. 7 o venera	/			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise	5. s	1			
EM&A: C2	holidays, is either one of the folic a) Mitigation by portable noise		1				erine Vina Vina
EM&A: C3	To mitigate night time constructs equipped with silencers or muffle		/				
NCO	Are valid construction noise permisspection?	nits, if required, available for		/			
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?			/			
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand		/			
		☐ Traffic	Ø	Construction activities inside the site			
	Major n oi se source(s)	Construction activities		Others			

Abbreviation			
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Con Unknown	EM&A: EM&A Manual (Construction Phase) NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance struction Site Drainage)	
Remark			
NIL			
			 -
			
			<u>.</u> <u>.</u>
			·
Signatures			
_			
ET Member	Contractor's Repres	entative	
	_		

11th November 2002

(Name in Block letters:

CF (BE)

(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 12/2/63 Time 16206 Inspect	ed By			F	
Site	LMX - UNIT L'8 PZLING		Cont	racto	r: B	may vor.
Weather						
Condition	Sunny Fine Overcast Hazy	Г	Driz	zle [\Box_{R}	ain Storn
Temperati	re 20 °C Humidity High Modera	te	─ ☐ Lov	,		
Wind	Calm Light Breeze Strong	<u>_</u>	~~·			
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	Checklist Condition	N/A	Yes	No	Unk	Remarks
Kei.		N/A	Yes	No	Unk	Remarks
Cap311R: 3	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		<u> </u>		···· · · · · · · · · · · · · · · · · ·	
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					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	1				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Cement and dry pulverized fuel ash (PFA)								
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	(
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/							
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1							
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/							
	Loading, unloading or transfer of dusty materials								
Cap311R:	Are dusty materials, except cement and dry PFA, sprayed with			,					
Sch 19	water immediately prior to any loading, unloading or transfer operation?	1							
EM&A: AI	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?	1							
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/	!		•				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1							
	Concrete batching plant	 I							
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?	7		-					

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

WASTE/CHEMICAL WASTE MANAGEMENT

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

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

WATER QUALITY

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

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition	The every and artifacts are becaused	h ista N/A	Yes	. No	Unk	Remarks
EM&A:	Are working programmes schedu	led to minimize noise nuisance?	VONE V	12 W } ∴ /		M Arti Cade	
EM&A: C1	Are construction works or equipment of the construction of the co	nent sited to millimize noise	18284	/	(3) (3) 	ista s Esport	
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating	**************************************	1	establish out on the	elet retokeljas	esperante de la company de
EM&A: C1/GP	Is idle equipment turned off or the	and the section of th	e source of the	7			
EM&A:_	Aremethods of working devised	and arranged to minimize noise				r sens	
EM&A: C1)	Are construction works carried or nuisance?		eriye	1 (1) 1 (1)		enon-	
EM&A: C2	المخطف المناسبات	wing measures adopted?	ni aaty	o snu O 482 Ivess	e teat	idles; prilip	na la mara a sa a sa a sa a sa a sa a sa a s
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		1				Sat Con Survey
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	oise permits, if any, for the lemented accordingly?	/*	/			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		1			
		☐ Traffic	Q	Const site	ructio	n activ	rities inside the
	Major noise source(s)	Construction activities		Other	s		

Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environment Waste Management APC (Construction I APC (Open Burning Air Pollution Contro Practice Note for Pro Unknown	Plan Dust) Regulation) Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)
Remark		.= :	-	
NZL				<u> </u>
	:.	-		
		·		
			· <u>.</u>	
	· ·			
		· · · · · · · · · · · · · · · · · · ·		
Signatures			-	
ET Member		Contractor's Represe	entative	
(Name in Block le	}	(Name in Block letter	TS:	_

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 $[8/2/03]$ Time $[15:00]$ Inspect	ed By	ET:		?F	
Site	LMX-UNIT L'S PILING		Cont	racto	or: M ₁	CHAEL CHETH
Weather				···		
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Storr
Temperatu	re 22°C Humidity High Moderat	te _	Low	V		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUALI 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				<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?		/			

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:	Are dusty materials, except cement and dry PFA, sprayed with	i i i i i i				1.5
Sch 19	water immediately prior to any loading, unloading or transfer operation?	1				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
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		•	<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: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&Λ: 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?	/				
Cap311O	Is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
EM&A: E3	Are wastes disposed of at licensed sites?					
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?		/			
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
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?		. new property a	-		Tables of the second
	(1) public fill materials for on-site reuse, or disposal at public filling area;		/	:-		
	(2) reusable / recyclable materials;		/			
	(3) un-reusable / non-recyclable waste for landfill disposal.		1			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		/			

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
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
Kei	Checkist Condition					
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	/				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	/				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	uled to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		1			
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		1			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		1			
EM&A: C2			/				
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
NCO	Are valid construction noise perr inspection?	nits, if required, available for		1			
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		/			
		☐ Traffic		Constr site	uction	activi	ities inside the
	Major noise source(s)	Construction activities outside the site		Others	·		

Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Waste Management Pl APC (Construction Du APC (Open Burning) Air Pollution Control (Practice Note for Profe Unknown	an ist) Regulation Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage)
Remark				
NIL				
		•		
Signatures				
ET Member		Contractor's Representa	ative	
72		U CW V	dab	
(Name in Block le	etters:	(Name in Block letters:		

MICHAEL CHOW

11th November 2002

CF LEE

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

Inspection of	date $26/2/03$ Time 11200 Inspect	ed By	 			LEE KY LEE
Site	LMX - UNIT L8 PILING		Cont		VAI	ni lee
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Stor
Temperatu	re 20 °C Humidity High Moderat	e [Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUALI	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	L.,	L	1	L	<u>. </u>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/		,	
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites	<u> </u>	L.,,.,	I	I	<u>L</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)					<u> </u>
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
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	<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?	1				
	Concrete batching plant			1	1	
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?	/		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?		/			
Cap311	Is black smoke emission from plant/equipment avoided?		/			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?		/			:
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?		/			- Make
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	/			•	
	General refuse	M	•			-
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;		/						
	(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?	/				12
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 scheduled to minimize noise nuisance?							
EM&A: C1	Are construction works or equipm nuisance?		/					
EM&A: C1	Are all plant and equipment maintained in good operating conditions?							
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		/				
EM&A: C1	Are methods of working devised nuisance?		/					
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?	/						
EM&A: C3	To mitigate night time construction noise, is dredging equipment equipped with silencers or mufflers?							
NCO	Are valid construction noise permits, if required, available for inspection?			/				
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?			/				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			/				
		☐ Traffic	Construction activities inside the					
	Major noise source(s) Construction activities outside the site			Others				

Abbreviation					
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environment Waste Management APC (Construction I APC (Open Burning Air Pollution Contro Practice Note for Pre Unknown	Plan Dust) Regulation () Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)	
Remark					
NIL					
		_			
Signatures					_
ET Member		Contractor's Represe	ntative		
12)	An			
(Name in Block	etters:	(Name in Block letter			
CFU	<u> </u>	Burn 188			

11th November 2002