# Appendix H

# Site Audit Summary

(In order to save paper, the weekly inspection checklists are provided only in electronic copy in the CD-ROM enclosed.)

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

# Weekly Site Inspection Checklist

	handle the second secon	led By	Cont	L\ racto	TE V	Wong
Site	EMX - Supers me to					and 1
Veather						<del></del>
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Sto
Temperatu	ure[Z] °C Humidity High ✓ Modera	te	Lov	v		
Wind	Calm Light Breeze Strong					·
GENERAL			-	<del></del>	<del></del>	
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 ElA report kept in Engineers' and Contractors' offices on site?		1			
AIR QUAL	ITY	<u></u>	· <u></u>	···········		
	Checklist Condition	N/A	Yes	No	Unk	Remarks
AIR QUAL		N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 3 Cap311R:	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	Remarks
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes	No	Unk	Remarks
Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 3 Cap311R: Sch 12(3) Cap311	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Yes	No	Unk	Remarks
	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep	N/A	Yes	No	Unk	Remarks

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Coment and dry pulverized fuel ash (PFA)	· · · · · ·	<u></u>		1	<del></del>
Cap311R: Seh 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	1				
Cap311R: Sch 15(4)	Are the handlings of coment or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	<u> </u>				L
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	1				
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				
	Use of vehicles					<del></del>
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			
<u> </u>	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?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				· .
ЕМ&Л: Л2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A:	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 scaled and hydroseeded and planted as soon as possible?	/				
Cap3110	Is open burning prohibited?		1			
Cap311	is black smoke emission from plant/equipment avoided?		/			

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Usk	Remarks
	Dredged Materials					
WMP EM&A E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	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				14 1
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		7			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/			
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
·	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	is general refuse stored within receptacles and separated from chemical wastes?		1		}	
WMP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?					I
	Chemical Waste					<b></b>
ЕМ&А: ЕЗ	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks		
WDO	Has the Contractor been registered as a chemical waste producer?	/						
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/	- water					
EM&Λ: E4	Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste"?	1			,			
EM&Λ: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1						
	Storage, collection and transportation of waste							
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	,						
	(1) public fill materials for on-site reuse, or disposal at public filling area;	1			<del> </del>			
	(2) reusable / recyclable materials;	/			<del></del>			
	(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?	1				
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/				
	Groundwater			<u> </u>		
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?		<u></u>			

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

#### 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?	/	<u> </u>			

#### NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A : CI	Are working programmes schedu	lled to minimize noise nuisance?		1				
EM&A: Cl	Are construction works or equipments ance?	ment sited to minimize noise		1				
EM&A: C1	Are all plant and equipment mair conditions?	ntained in good operating		1				
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?	re construction works carried out in a manner to minimize noise uisance?						
EM&A: C2	holidays, is either one of the follo a) Mitigation by portable noise	b) Rescheduling of some powered mechanical equipment to less						
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/	 				
NCO	Are valid construction noise perminspection?	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 fixed at air compressors and hand held percussive breakers?							
		☐ Traffic	Ø		ructio	n activ	ities inside the	
	Major noise source(s)	Construction activities	Site Others					

Abbreviation				
NEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Waste Management P APC (Construction Do APC (Open Burning) Air Pollution Control Practice Note for Prof Unknown	lan ast) Regulation Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance  Drainage)
Remark	- <u></u>			
Nil				
Signatures			•	
ET Member		Contractor's Represer	ntative	
(Name in Blook to	inters:	(Name in Block lever Wong to Hong-		

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 13/7/65 Time /0 00. Inspect	ed By	ET: Conti	Kn racto	Jo .	Way
Site	LMX - Superstandare		L		- + 5	<u></u>
/eather		-				
Condition	Sunny Fine Overcast Hazy		Driz	zie [	Re	uin S
<b>Femperat</b> i	rre[33] °C Humidity High Modera	te _	Lov	v		
Wind	Calm Light Breeze Strong					
ENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
/EP 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		<u>-</u>	
		i	1	1	L	L
IR QUAL	ITY	*	<del></del>			
₹ef.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					<u> </u>
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		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?					
Cap3#1	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					

Are haul roads paved with concrete or sprayed with water to keep

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 wer to prevent dust emission?

**Construction Sites** 

the entire road wet?

Stockpiling of dusty materials

EM&A:

Cap311R:

Sch 18

A1

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?	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?	1				
	Loading, unloading or transfer of dusty materials	•				
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				
	Use of vehicles			• • • •		
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
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: Seh 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1,				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&л: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	/				

Ref.	Checklist Condition	N/Λ	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Seb 16	Are completed earthworks scaled and hydrosecded and planted as soon as possible?	/				
Cap3110	Is open burning prohibited?		/			
Cap311	Is black singke emission from plant/equipment avoided?		/			

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials	4				
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	Construction Waste and Excavated Materials	.,				
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	1				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
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?		1			
WMIP	Is the refuse disposed of regularly and properly?		7			
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks	
WDO	Has the Contractor been registered as a chemical waste producer?	7					
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/	<u></u>		,0.		
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/					
	Storage, collection and transportation of waste						
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?						
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/					
	(2) reusable / recyclable materials;	/					
<del>,</del>	(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?	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?	1				
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	-			1	
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	/				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

#### 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: CI	Are working programmes sched	uled to minimize noise nuisance?	<del> </del>	7			
EM&A: CI	Are construction works or equip nuisance?	ment sited to minimize noise		/			
EM&A: C1	Are all plant and equipment mai conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	hrottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried on nuisance?	out in a manner to minimize noise		/			
EM&A: C2	holidays, is either one of the foll  a) Mitigation by portable nois	b) Rescheduling of some powered mechanical equipment to less					
EM&A: C3	To mitigate night time construct 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 n relevant part(s) of the works imp			/			
NCO	Are valid noise emission labels held percussive breakers?		7				
		☐ Traffic	Ø	Consti	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities		Other	s		

Abbreviation				
VEP: WMP Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmenta Waste Management P APC (Construction D APC (Open Burning) Air Pollution Control Practice Note for Prof Unknown	lan ust) Regulation Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance  Orainage)
Remark				
Nil				
	W440-2-4-14-14-14-14-14-14-14-14-14-14-14-14-1			
		······································		
Signatures ET Member	·	Contractor's Represent	atíve	
(Name in Block le	nters:	(Name in Block leders: Wory Ho Hay-IK		

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 70/7/05 Time 10; 00 Inspect	ed By	ET:	Riv	190	Ngng
Site	LMX - Superstante		Cont	racto	to fa	u T
Veather					<del>,,,</del>	
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain St
Temperat	ure 34°C Humidity High Modera	te	Lov	v		
Wind	Calm Light Breeze Strong	-				
GENERAL				<del>T </del>		
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 ElA report kept in Engineers' and Contractors' offices on site?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
<u> </u>	General Requirements	L			l	
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		1			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		1			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					
~	Construction Sites	J	L			<del></del>
EM&A:	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
<del></del>	Stockpiling of dusty materials	·	· -·			
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					

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

Ref.	Checklist Condition	N/A	Yes	Nο	Unk	Remarks
(	Miscellaneous					
Cap311R; Sch +6	Are completed earthworks scaled and hydrosecded and planted as soon as possible?					
Cap3110	is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?					

#### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
<del></del>	Dredged Materials	-l,	<u> </u>	L	L,	·
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?				<del>-</del>	
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	7				
	General refuse	,				
WNIP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WAIP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?		/	Ī	L	
	Chemical Waste		,			·
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

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

#### WATER QUALITY

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

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

#### 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: CI	Are working programmes schedu	uled to minimize noise nuisance?		/			
EM&A: Cl	Are construction works or equip nuisance?	ment sited to minimize noise					
EM&A: C1	Are all plant and equipment mai conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		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 construct equipped with silencers or muffl	ion noise, is dredging equipment ers?	/		,		
NCO	Are valid construction noise pen inspection?	mits, if required, available for		/			
NCO	Are conditions of construction n relevant part(s) of the works imp			7			
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		/			
	Malanaina	☐ Traffic	Ø	Const.	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

Abbreviation VEP: Varied Environmental Permit  $\mathrm{WMP}$ Waste Management Plan EM&A: EM&A Manual (Construction Phase) Cap3 HR: APC (Construction Dust) Regulation NCO: Noise Control Ordinance APC (Open Burning) Regulation Cap3110: WDO: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark compressor should be kept closed. Signatures Contractor's Representative ET Member

(Name in Block letters:

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

11th November 2002

(Name in Block letters;

Name in Block Letters:

Chan To Manual )

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

# Weekly Site Inspection Checklist

Inspection of	late 24/7/05 Time (0.00 Inspecto	a By	Cont		f lage	17/2
Site	CMX - Superstructure.		Com	acro	4. Jak	<del>(7</del>
Weather		-				<del></del>
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Sto
Temperatu	rre[33]°C Humidity High Moderat	e [	Lov	,		
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?		/	. ;	,	
AIR QUAL	ITY	-		· <del></del>		<del></del>
AIR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
<del> </del>	Checklist Condition	N/A	Yes	No	Unk	Remarks
· · · · · · · · · · · · · · · · · · ·		N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes	No	Unk	Remarks
Cap311R: 3 Cap311R: Sch 12(3) Cap311	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Yes	No	Unk	Remarks
Ref.  Cap311R: 3  Cap311R: Sch 12(3)  Cap311	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are hauf roads paved with concrete or sprayed with water to keep	N/A	Yes	No	Unk	Remarks

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	<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?	200				
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?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A:	Are all the conveyor transfer points totally enclosed?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R; Sek 16	Are completed earthworks sealed and hydrosecded and planted as soon as possible?	1				
Cap311O	Is open burning prohibited?		/			<del></del>
Cap311	Is black smoke emission from plant/equipment avoided?					

## WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	NA	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		1			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		1			
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMIP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	is the refuse disposed of regularly and property?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?		LZ			
	Chemical Waste		<del>,</del>	<del></del>	<del>,</del>	- <sub>f</sub>
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?	/		<del> ,</del>		
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
EM&Λ: E4	Is chemical waste handled according to the Code of Practice on the Packaging. Handling and Storage of Chemical Waste"?	/			<del></del> :	
EM&Λ: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/		-		
	Storage, collection and transportation of waste	.L	L	J	l	L
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?	1				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/				
	Groundwater			<u> </u>		
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

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

Reſ	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: CI	Are working programmes schedu	led to minimize noise misance?					
EM&A: CI	Are construction works or equipinuisance?	ment sited to minimize noise		1			
EM&A: C1	Are all plant and equipment mair conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		1			
EM&A: C1	Are methods of working devised nuisance?						
EM&A: C1)	Are construction works carried o nuisance?		/				
EM&A: C2	holidays, is either one of the folk  a) Mitigation by portable noise	b) Rescheduling of some powered mechanical equipment to less					
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		1		, 0		
NCO	Are valid construction noise perminspection?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works imp			/			
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand					
		☐ Traffic	Ø	Const	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site					

Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmenta Waste Management P APC (Construction D APC (Open Burning) Air Pollution Control Practice Note for Prof Unknown	lan ust) Regulation Regulation	NCO: N WDO: W	M&A Manual (Construction Phase) loise Control Ordinance Jaste Disposal Ordinance inage)
Remark				
$\mathcal{N}'_{\mathcal{C}}$	(			
		77-17-11-10-1		
		,		
			•	
<u> </u>			•	
Signatures				
ET Member		Contractor's Representa	ntive	
(Name in Block let	tels:	(Name in Block levers: Word Ho Hoy	 LIC	-

11th November 2002

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

Inspection d	late 7 TWY 2005 Time 0 9:30 Inspect	ed By			N. C	
Site	LMX 9 Mech. Enection Area	,	Cont	iacio	"- W\1	- Kwok (TDK)
Weather		"				
Condition	Sunny Fine Overcast Hazy		Driz	zle [	√ Ri	ain Stórm
Temperatu	re 30 °C Humidity High Moderat	te	Lov	1		
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?		<b>\</b>			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		<b>✓</b>			
AIR QUALI	Checklist Condition	N/A	Yes	No	Unk	Remarks
Rei.	General Requirements	IVIZI	103		Ulik	Remarks
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	<b>✓</b>		-		
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?		<b>✓</b>			
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?		<b>V</b>			Spraying BY PY
	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)		-	•		1
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?	<b>✓</b>				
	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?		<b>✓</b>			Cleaning Provided By P.Y.
	Transfer of dusty materials using a belt conveyor system				-	
Cap311R; Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1			<del></del>	
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant					
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?	./				
	Are all the receiving hoppers enclosed on three (3)sides up to 3m				<del></del>	
EM&A: A2	above unloading point?	<b>V</b>	i			

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

#### 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?	<b>✓</b>				
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?	<b>/</b>				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	<b>/</b>				
	General refuse					-
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		1			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?		1			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		/			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		/			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		/			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		/			
	Storage, collection and transportation of waste	.I	1			L-,
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 crosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	<b>/</b>				
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?	<b>✓</b>				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	1	-			
PN1/94	Groundwater  Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	<b>✓</b>				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	<b>-</b>	<del>                                     </del>		<del>                                     </del>	
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	/				
	Wheel Washing Water					
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"?	<b>/</b>				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

#### NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes schedu	ıled to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipantisance?	Instruction works or equipment sited to minimize noise ce?		/			
EM&A: C1	Are all plant and equipment main conditions?			/			
EM&A: C1/GP	Is idle equipment turned off or th	sidle equipment turned off or throttled down?		/			
EM&A: C1	Are methods of working devised nuisance?		/				
EM&A: C1)	Are construction works carried o nuisance?		1				
EM&A: C2	holidays, is either one of the follo a) Mitigation by portable noise	Rescheduling of some powered mechanical equipment to less					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		/				
NCO	Are valid construction noise pern inspection?	nits, if required, available for		1			
NCO	Are conditions of construction no relevant part(s) of the works impl			/			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		<			
	Major noise source(s)	☐ Traffic	D) (	Constru site	uction	activit	ies inside the
	wajor noise source(s)	☐ Construction activities outside the site	Others				

# Abbreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) APC (Construction Dust) Regulation APC (Open Burning) Regulation Cap311R; NCO: Noise Control Ordinance Cap311O: WDO: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member Contractor's Representative (Name in Block letters: (Name in Block letters:

W.W. CHU

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

Inspection	date $[4 \text{ Tuly }]_{005}$ Time $[6 ]_{30}$ Inspect	ted By	ET:	W.	· Sin	(HEC)
	J		Con	tracto	or: w 1	Knik (TIX)
Site	LMX.9 Mech. Enerten Avia			-		
Veather						
Condition	Sunny Fine Overcast Hazy		Driz	zle	R	ain Sta
Temperatu	re C Humidity High Modera	te	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 QUAL	T	T	l		<u> </u>	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	<b>✓</b>				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		✓			
Сар311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	✓				
	Construction Sites	J	L		<u> </u>	
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Spraying By
	Stockpiling of dusty materials	<del>*************************************</del>	•			7.11
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)			·		<del></del>
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?	<b>/</b>				
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?		<b>✓</b>			Claning Bridd Bridd
	Transfer of dusty materials using a belt conveyor system	4				<del>") "''</del>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					•.
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	✓				
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?	V				
		† <del></del>	<del> </del>			
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				

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

## WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials			· · · · · · · · · · · · · · · · · · ·		
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	<b>V</b>				•
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?	✓				, 100
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	<b>√</b>				
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	1X.		I		
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		<b>✓</b>			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?		1			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
WDO	Has the Contractor been registered as a chemical waste producer?		/							
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?		1			1				
	Storage, collection and transportation of waste									
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		/			*				
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					90				
	(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	<u> </u>			1	· · · · · · · · · · · · · · · · · · ·
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent crosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	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?	<b>V</b>				
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	1	<del>                                     </del>			
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	~				
	Wheel Washing Water					
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?	✓ <b> </b>				

## NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes schedu	led to minimize noise nuisance?		1			
EM&A: Cl	Are construction works or equiprinuisance?	ment sited to minimize noise		1			
EM&A: CI	Are all plant and equipment main conditions?	stained in good operating		V			
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		<b>/</b>			
EM&A: C2	To mitigate construction noise du holidays, is either one of the folica) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		/			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V				
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			1			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		1			·.
	M-:	☐ Traffic	<b>E</b> Z (	Constru site	uction	activit	ties inside the
	Major noise source(s)	Construction activities outside the site	0	Others			

Abbreviation					
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmer Waste Managemen APC (Construction APC (Open Burnin Air Pollution Contr Practice Note for Pa Unknown	t Plan Dust) Regulation g) Regulation	NCO: WDO:	EM&A Manual (C Noise Control Ord Waste Disposal Or Orainage)	linance
Remark					
	·				
·					,
					:
Signatures					
ET Member		Contractor's Repres	sentative		
Of State State		(Name in Block lett			
(Name in Block	•	A I I V	icis:		
		WITCH	تكي		

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

Inspection	date w Jdy 24% Time [0:30] Inspect	ed By	ET:		IM C	Aim
Site	LMX 9 Mich Erection		Cont	racto	)г: <u>А</u>	lon Chan
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle	R	ain Ston
Temperatu	re 70 °C Humidity Migh Modera	le	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?		j			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		7			
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Nei.	General Requirements	IVA	1 63	110	Unk	Kemarks
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?		<i>\</i>	,		
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/			-	
	Construction Sites	L		<b></b>		
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Spray & by
	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>	L	<b></b>		L
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?	J				
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?	<b>/</b>				
	Loading, unloading or transfer of dusty materials	<b>.</b>		LL		
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	1				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1				**************************************
	Use of vehicles	l,				<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?		$\mathcal{J}$			
	Transfer of dusty materials using a belt conveyor system	l			1	<del></del>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	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	L				
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?	<del>- /</del>		-		

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

## WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials				-	<u> </u>
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
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?	7				
	Construction Waste and Excavated Materials			-		
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?					
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	1				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1				P 41115
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1			,	 
EM&A: E3	Are wastes disposed of at licensed sites?	1	18-6			
	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?		J			
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	·L				
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?					
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/				
	(2) reusable / recyclable materials;					
	(3) un-reusable / non-recyclable waste for landfill disposal.		1			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?					1

# WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off		L		<b></b>	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent crosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	1				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?					
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
<u> </u>	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?	V				
	Wheel Washing Water			Ĺ		
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		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		J			
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise					
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		1			
EM&A: C1/GP	ls idle equipment turned off or the	rottled down?		1			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or nuisance?	at in a manner to minimize noise					
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	wing measures adopted?					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		1				
NCO	Are valid construction noise perminspection?	nits, if required, available for		✓			
NCO	Are conditions of construction no relevant part(s) of the works impl			1			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand	/	J			
		☐ Traffic	更	Constr site	uction	activi	ties inside the
	Major noise source(s)	Construction activities outside the site	0 (	Others			

Abbreviation			
/EP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Jnk:	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 Manua NCO: Noise Control ( WDO: Waste Disposal truction Site Drainage)	Ordinance
Remark			
· · · · · · · · · · · · · · · · · · ·			
ignatures			
ET Member	Contractor's Repres	ntative IEC's Repr This site in in the prese	esentative spection was carried out ence of IEC's representative
JM			TMU
Name in Block	Malda.	1	ock Letters:
name in Block	cietters: (Name in Block lett	$\mathbf{s}$ : $\mathcal{V}_{\mathcal{N}}$	yn in 1010

ALAKI CHAN)

ym Chim

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

Inspection of	date 14 July 2013 Time 09:30 Inspect	ed By	ET:	W.	<u> </u>	(HIC)
Site	LMX- Much. Freetien Assc.		Com	14010	<u></u>	to Knob (70X)
Weather						· · · · · · · · · · · · · · · · · · ·
Condition	Sunny Fine Overcast Hazy		Driz	zle [	√ Ra	ain Stòn
Temperatu	re de C Humidity High Moderat	le	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?		<b>/</b>			
AIR QUAL	Checklist Condition	N/A	Yes	No	Unk	Remarks
Ref.		N/A	Yes	140	Unk	Kemarks
Cap311R:	General Requirements  Has the contractors notified EPD of the construction site which is	1	<u> </u>	1	I	· · · · · ·
3	classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	<b>√</b>				
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?		<b>√</b>			
Сар311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	1				1
	Construction Sites	1	L.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	l	
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		<b>✓</b>			Spraying By B.P.Y.
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		i i			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	-t	· <del>1</del>			·
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?	\rightarrow \tag{1}				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	<b>/</b>				
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?	<b>/</b>				
	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?	1				
	Use of vehicles	•	•			<u> </u>
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1			•	
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		>			Clemny Priviled By D.C.
	Transfer of dusty materials using a belt conveyor system					3.
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?	<b>√</b>				
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			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?	/				
	Are all the receiving hoppers enclosed on three (3)sides up to 3m			-		
EM&A: A2	above unloading point?	$\checkmark$				

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

## WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials		L			
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	V				
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?	1				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	<b>/</b>				
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		/			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?	<u> </u>	Ż			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		/			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		/			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		/			
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.		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
<u> </u>	Surface Run-off		<del></del>	L.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	/				
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?					

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	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: Cl	Are all plant and equipment mail conditions?	ntained in good operating					
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		✓			
EM&A: C2	To mitigate construction noise di holidays, is either one of the folle a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?					
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle						
NCO	Are valid construction noise permisspection?	nits, if required, available for		✓ <b>.</b>	-		,
NCO	Are conditions of construction no relevant part(s) of the works imp						
NCO	Are valid noise emission labels fixed at air compressors and labeld percussive breakers?			<b>✓</b>			•
	Major noise source(s)	☐ Traffic		site		activit	ies inside the
	Construction activities Others						

# Abbreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Noise Control Ordinance APC (Construction Dust) Regulation NCO: Cap311R: Cap3110: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Site Drainage) PN 1/94: Unk: Unknown Remark Signatures Contractor's Representative **ET Member**

ame in Block letters:

(Name in Block letters:

W.Siu

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

Inspection of	date July 2015 Time 09:55 hrs Inspect	ed By	ET:	7.7.	CHIM	/poe	],
Site	LMX-LI Electrical Frection Area		Cont	racto	r: pE	TER CUENG	SAN
Weather							•
			_	r			
Condition	Sunny Fine Overcast Hazy		Driz	zle	Ra	nin Stor	m
Temperatu	rre 20 °C Humidity High Modera	te	Lov	v			
Wind	Calm Light Breeze Strong						
ENERAL							
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		>				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/				
JR 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?		<b>✓</b>				
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?	***************************************	<b>✓</b>			Note-Spray. Provided By	Paul
	Stockpiling of dusty materials					0	
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?						

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)				•	
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	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?	V				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	1				
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	V				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles	1		<u> </u>		1
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	V				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		V			Wheel Wad Browded By
	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?	V				
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?	V				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within I 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?	V				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	1				
	<del></del>					

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

## WASTE/CHEMICAL WASTE MANAGEMENT

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	V				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	<b>V</b>				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1				
	Storage, collection and transportation of waste	I	L			L
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		V			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	V				
	(1) public fill materials for on-site reuse, or disposal at public filling area;				9	
	(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?	V				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	1				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	V				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	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?	V				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	N				
	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?	J				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	<b>/</b>				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	<b>V</b>				

## NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	lled to minimize noise nuisance?		✓			
EM&A: C1	Are construction works or equiprinuisance?	ment sited to minimize noise		1			
EM&A: C1	Are all plant and equipment mair conditions?	tained in good operating		v			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		U			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		<i>.</i>			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		J			
EM&A: C2	To mitigate construction noise du holidays, is either one of the folloa) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		J			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
NCO	Are valid construction noise pern inspection?	nits, if required, available for	~				
NCO	Are conditions of construction no relevant part(s) of the works imple						
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand	J pir Carpres			pir Capressor K 5th for Otte	
	Major noise source(s)	☐ Traffic		Const	ructio	n activ	ities inside the
	2 23,22 2323 22 23 23 (8)	Construction activities outside the site		Other	s		

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

Signatures

Abbreviation

ET Member

Contractor's Representative

(Name in Block letters:

CHILL TO FU

PDE

Name in Block letters:

PETER CHENG)

SANKI

12th January 2005

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

Inspection	date 12-744 2005 Time 09: 25 hs Inspect	ed By	ET:	7.	F. C.	4111 / PDZ
Site	LMX- L9 Electrical Freetien Area		Cont	racto	r: <i>  ETA</i>	CHENG/SAA
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Stori
Temperati	ure Mumidity 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?					
IR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	L		L	t	
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?		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?	/				
<del></del>	Construction Sites	1 :		1		
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			Brovided By
	Stockpiling of dusty materials	1	5	1	<u> </u>	Purity Bu
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?	V		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?	V								
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	<b>/</b>								
	Use of vehicles					1				
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/								
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			Whee S Wad Provided &				
	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?	V								
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?	V								
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/								
	Concrete batching plant									
	Are the loading, unloading, handling, transfer or storage of any			[						
EM&A: A2	dusty materials carried out in a totally enclosed system?	V								
		V								
A2 EM&A:	dusty materials carried out in a totally enclosed system?  Are dusty materials, except cement and dry PFA, wetted by water				A					

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?		1			
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?	V								
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	<b>✓</b>								
EM&A: E3	Are wastes disposed of at licensed sites?	/								
	Construction Waste and Excavated Materials									
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	V								
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/								
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	1								
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	V								
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?		V							
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		1							
WMP	Is the refuse disposed of regularly and properly?		V							
WMP	Are burning of refuse at site and dumping at sea prohibited?		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)?					Contraction of the Contraction o				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
WDO	Has the Contractor been registered as a chemical waste producer?	V								
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	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?	V								
	(1) public fill materials for on-site reuse, or disposal at public filling area;			<u> </u>						
	(2) reusable / recyclable materials;									
	(3) un-reusable / non-recyclable waste for landfill disposal.	1								
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	1								
			l			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?	1			WITH THE PARTY OF	
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	1				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	1				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/				
**********	Groundwater	1				
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	V				

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?	V				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	V				
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	1.000	N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		v			
EM&A: CI	Are construction works or equipmousance?	nent sited to minimize noise		V			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		V			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1			
EM&A: C1)	Are construction works carried or nuisance?	at in a manner to minimize noise		<b>√</b>			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	wing measures adopted?		V			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		1				
NCO	Are valid construction noise pern inspection?	nits, if required, available for	V				
NCO	Are conditions of construction no relevant part(s) of the works impl						
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?						Air Compressor
		☐ Traffic	J	Const site	ructio	n activ	rities inside the
	Major noise source(s)	Construction activities outside the site		Other	's		

#### Abbreviation

VEP: Varied Environmental Permit EM&A: EM&A Manual (Construction Phase) WMP: Waste Management Plan APC (Construction Dust) Regulation NCO: Noise Control Ordinance Cap311R: APC (Open Burning) Regulation Waste Disposal Ordinance WDO: Cap311O: Air Pollution Control Ordinance Cap311: PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member Contractor's Representative (Name in Block letters:

12th January 2005

CHILL TOI FM

PDE

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

Inspection	date 20July 2005 Time 10:35 hrs Inspect	ted By	ET:		-Сни	7 ? 7 1.
Site	LMX- L9 Electrical Freation Area.		Cont	racto	r: <u>C.</u> L	1. LO  SANK
Weather				•		
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Storm
Temperatu	rre 34°C Humidity V 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?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	L		<u> </u>		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?	1				
	Construction Sites	. <b></b>		1		
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Noter Spraying Provided By Pa
	Stockpiling of dusty materials	•	•	•		U I
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:	Are the storage silos for cement or dry PFA prevented from					
Sch 15(3)	overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	V				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials	1				1
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	V				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	1			,	
	Use of vehicles	************	<del></del>			
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?		ſ			Wheel Wed Provided B
	Transfer of dusty materials using a belt conveyor system	<u> </u>	J	J		(
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	s				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	1				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	1				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant	1	·			
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	1		:		
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				
	1	\$ /	1			<u> </u>

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	V				
Cap311O	Is open burning prohibited?		<b>V</b>			
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?	V								
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	V								
EM&A: E3	Are wastes disposed of at licensed sites?	V								
	Construction Waste and Excavated Materials									
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	V								
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	V								
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	v								
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1								
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	V								
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?		U							
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		V							
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?	1							
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	v							
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	v							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1							
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		<b>V</b>						
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?	V				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	V				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	V				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	5				
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?	V				

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?	v				
	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?	<b>/</b>				

### 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		N/A	Yes	No	Unk	Remarks	
EM&A: Cl	Are working programmes schedu	led to minimize noise nuisance?		<b>√</b>				
EM&A: C1	Are construction works or equipmuisance?	nent sited to minimize noise		8				
EM&A: C1	Are all plant and equipment main conditions?			/				
EM&A: C1/GP	Is idle equipment turned off or the			~				
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		V				
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise		<b>\</b>				
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			V				
NCO	Are valid construction noise perminspection?	nits, if required, available for	<b>~</b>					
NCO	Are conditions of construction no relevant part(s) of the works impl		V					
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand	V	(				
	Major poice course(-)	☐ Traffic	Image: second control of the control	Consti site	ructio	activ	ities inside the	
	Major noise source(s)	Construction activities outside the site	Others					

## Abbreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Cap311R: Noise Control Ordinance APC (Construction Dust) Regulation NCO: Cap311O: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member IEC's Representative Contractor's Representative This site inspection was carried out in the presence of IEC's representati

(Name in Block/letters: (Name ... CHIU TOI FU ) PDE

(Name in Block letters:

LO CHUNGIMAN)

SANKO.

)

12th January 2005

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

Inspection of	date JJuly 2009 Time 1125 has Inspect	ed By	ET:		F.CHI		]
Site	LMX- L9 Efection   Eventson bren.		Cont	racto	т: <i>ретц</i>	<u> (CITUIG / SPA</u>	N-O.
Weather	/						•
Condition	Sunny Fine Overcast Hazy		Driz	zle [	R	ain Stor	m
Temperatu	re2 °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?		/			111111111111111111111111111111111111111	
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V				1
AIR QUALI	TY 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?	<b>/</b>					
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?		V			Provided By	Pal Y.
	Stockpiling of dusty materials	, <u></u>				0	
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	<b>/</b>					

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?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	1				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?					
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
11-11-11-11-11-11-11-11-11-11-11-11-11-	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?		/			Provided By
	Transfer of dusty materials using a belt conveyor system					,,
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
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?	<b>V</b>				
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?	1				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	V				
EM&A: 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?	V				
Cap3110	Is open burning prohibited?		V			
Cap311	Is black smoke emission from plant/equipment avoided?		1			

## WASTE/CHEMICAL WASTE MANAGEMENT

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

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?	V				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1				
	Storage, collection and transportation of waste		l			
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		1			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	1				
	(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?	V				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	1				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	V				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily 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?	<b>V</b>				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	<b>/</b>				

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

### MARINE ECOLOGY

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

### NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?						
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		J				
EM&A: Cl	Are all plant and equipment mail conditions?	ntained in good operating		1			**********	
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		1				
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		1				
EM&A: C1)	Are construction works carried of nuisance?	out in a manner to minimize noise		1				
EM&A: C2	To mitigate construction noise d holidays, is either one of the foll a) Mitigation by portable nois b) Rescheduling of some power sensitive time periods?	owing measures adopted?		J				
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment ers?		V			WARREST TO A STATE OF THE STATE	
NCO	Are valid construction noise per inspection?	mits, if required, available for	1					
NCO	Are conditions of construction n relevant part(s) of the works imp		V					
NCO	Are valid noise emission labels f held percussive breakers?	ixed at air compressors and hand	<b>V</b>					
	Major noise source(s)	☐ Traffic	ত্র	ities inside the				
	major noise source(s)	Construction activities outside the site						

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

12th January 2005

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

Inspection o	late 7/7/2005 Time /0:50 Inspecto	ed By	ET: ¿	<u>، ۲۰</u>	2, 6	/ PPE Suen/m	/ .
Site	LMX 275KU S/S ERECTION SONTRACT		Com	acto	1. 2 ×	1 ZNEW /M	IE4/C
Weather							
Condition	Sunny Fine Overcast Hazy		Driza	zle [	Ra	ain Storm	n
Temperatu	re	e	Low	<i>t</i>			
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?		<b>/</b>				
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	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	General Requirements				<u> </u>	1	
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	/					
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?	/			ALL CONTROL OF THE PARTY OF THE		
	Construction Sites				•		
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/	,		PAUL Y	PRAYING By
	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: Seh 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?	/				
<del></del>	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?		/			WHEEL OF FACILITIES PROVIDED PAUL Y
	Transfer of dusty materials using a belt conveyor system					<i>'</i> {
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A: A2	Are all the conveyor transfer points totally enclosed?	/				- ***

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				
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?	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?		V			
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	1			ı	
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?	✓				
	Groundwater	Ļ.,				
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	<u> </u>				

Ref	Checklist Condition	N/A	Yes	No	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		L			
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 schede	uled to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipoutsance?	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	rottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise					
EM&A: C1)	Are construction works carried on nuisance?	ut in a manner to minimize noise		/			
EM&A: C2	To mitigate construction noise di holidays, is either one of the folka) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		<b>/</b>			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
NCO	Are valid construction noise perrinspection?	nits, if required, available for	/				
NCO	Are conditions of construction no relevant part(s) of the works imp		/				
NCO	Are valid noise emission labels f held percussive breakers?	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?					
		☐ Traffic	□ □	Consti site	ructio	n activ	ities inside the
	Major noise source(s)	Major noise source(s)  Construction activities outside the site			S		

### Abbreviation

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

(Name in Block letters:

12th January 2005

(Name in Block letters:

W. L. LI)

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

Inspection of	late 14/7/200 Time /0:00 Inspect	ed By			. 4		_
Site	CMX 225KV S/S PREUTIONS CONTRACT		Conti	racto	I: 7 \	y Suen	[MEHK
Weather							_
Condition	Sunny Fine Overcast Hazy		Drizz	zle	Ra	nin Sto	rm
Temperatu	re Modera	te	Low	,			
Wind	Calm Light Breeze Strong						
GENERAL						, , , , , , , , , , , , , , , , , , , ,	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		<b>/</b>				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?						
				····			-
AIR QUALI	TY Checklist Condition	N/A	Yes	No	Unk	Remarks	<b>-</b>
		N/A	Yes	No	Unk	Remarks	<b>-</b>
	Checklist Condition	N/A	Yes	No	Unk	Remarks	_
Ref. Cap311R:	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	Remarks	
Ref. Cap311R: 3 Cap311R:	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes	No	Unk	Remarks	
Ref. Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes	No	Unk	Remarks	
Ref. Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Yes	No	Unk	Remarks  WATER SIPENIPER PRULY	Penyws,
Ref.  Cap311R: 3  Cap311R: Sch 12(3)  Cap311	Checklist Condition  General Requirements  Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?  A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?  Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?  Construction Sites  Are haul roads paved with concrete or sprayed with water to keep	N/A	Yes	No	Unk	WATER SI	Penyws,

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)		L		·	1
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?		/			DHEEL L FACILITIE PROVIDED A PAUL Y
	Transfer of dusty materials using a belt conveyor system					7
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:	Is a belt scraper or equivalent device installed at the head pulley of					
Sch 20(3)	every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Sch 20(3)  Cap311R:	or similar means to prevent falling of materials from the return	/				
Sch 20(3)  Cap311R:	or similar means to prevent falling of materials from the return belts?  Are stockpiling conveyors equipped with level adjusting	/				
Cap311R: Sch 20(4) EM&A:	or similar means to prevent falling of materials from the return belts?  Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
Cap311R: Sch 20(4) EM&A: A2	or similar means to prevent falling of materials from the return belts?  Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?  Concrete batching plant  Are the loading, unloading, handling, transfer or storage of any	\rangle \rangl				
	or similar means to prevent falling of materials from the return belts?  Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?  Concrete batching plant  Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?  Are dusty materials, except cement and dry PFA, wetted by water	\rangle \rangl				

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

### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	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?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;					485177
	(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?	/			Washington and and and and and and and and and an	
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	/				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/				
PN1/94	Groundwater  Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	1				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
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	lled to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipr nuisance?	nent sited to minimize noise		/			
EM&A: C1	Are all plant and equipment mair conditions?	stained in good operating		/			***************************************
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		/			•
EM&A: C2	To mitigate construction noise du holidays, is either one of the folloa Mitigation by portable noise by Rescheduling of some power sensitive time periods?	owing measures adopted?		,	•		
EM&A: C3	To mitigate night time constructi- equipped with silencers or muffle		/				
NCO	Are valid construction noise permisspection?	nits, if required, available for	/		***************************************		
NCO	Are conditions of construction no relevant part(s) of the works imp		/				
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		/			
	Major noise source(s)	☐ Traffic	Q'	Consti site	ructio	n activ	ities inside the
		Construction activities outside the site		Others	s		

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

Contractor's Representative

(Name in Block letters:

Signatures

ET Member

ck letters: (Name in Block letters:

12th January 2005

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

Inspection	date 20 July 2005 Time 10:35 has Inspect	ted By	ET:	7.1	F CHI	u / P.DE 1. Suen / 4e
Site	date 20 July 2005 Time 10:35 has Inspect		Con	racto	or: S.4	r. Shen/ / He
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Storm
Temperati	ure 34°C Humidity 1 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?		v			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements			1	Olik	Remarks
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	<b>/</b>				8
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Сар311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	<b>/</b>				
	Construction Sites	L	L		<u> </u>	1
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			NATER SPRI PROVIDED PAULY
-	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>	1		L	J
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	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?	V				
	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?	V				
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		:	WHEEL L SERVICE BY PAUL
	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?	V				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	V				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	V				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	V				
	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?	V				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
	Are all the receiving hoppers enclosed on three (3)sides up to 3m					
EM&A: A2	above unloading point?	🗸				
		<i>\</i>				

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

### WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
•	Dredged Materials	-£m			· · · · · · · · · · · · · · · · · · ·	
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	V				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	V				
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?	1				
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	V				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	<b>V</b>				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	V				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				
ЕМ&А: ЕЗ	Are wastes disposed of at licensed sites?	/			<del>7.</del>	
	General refuse					***
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		1			···
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		1			
WMP	Is the refuse disposed of regularly and properly?		1			<del></del>
WMP	Are burning of refuse at site and dumping at sea prohibited?					•
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		V			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		V		········	
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		/			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?		/			
	Storage, collection and transportation of waste	•				
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		V			
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	J				
*****	(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	1			I	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	V				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	1			-	
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	S				
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	V				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	V				***************************************
PN1/94	Groundwater  Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	V				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					, and the second se
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?	V				***
	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?	$\sqrt{}$				

### 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?	<b>V</b>				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	V	<del></del>	***************************************		
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	1				

### NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		V			
EM&A: C1	Are construction works or equipmuisance?	nent sited to minimize noise		J			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		J			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		<b>V</b>			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		V			
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise		1			
EM&A: C2	To mitigate construction noise du holidays, is either one of the folloa Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?		<b>/</b>				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V				
NCO	Are valid construction noise pern inspection?	nits, if required, available for	V				
NCO	Are conditions of construction no relevant part(s) of the works impl		V				
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand	/				
		☐ Traffic		Consti	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

## Abbreviation VEP: Varied Environmental Permit EM&A: EM&A Manual (Construction Phase) WMP: Waste Management Plan Noise Control Ordinance NCO: Cap311R: APC (Construction Dust) Regulation Cap311O: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures IEC's Representative ET Member Contractor's Representative This site inspection was carried in the presence of IEC's segre )

12th January 2005

(Name in Block letters:

CHIU TO! FU

(Name in Block letters:

MEMK

S.H. SUEN

POE

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

Inspection	date 7/4 July 2003 Time /0:00 hrs Inspect	ed By	ET:	رر rooto	. 6.	LI / POE
Site	LMX 2/5KU S/S ERECTIONS CONTRACT		Com	racio	1,	אָנאבאנצי ייי
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Storn
Temperatu	re / C Humidity High Moderat	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
		1	<u> </u>			
AIR QUAL	TTY					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		<b>*************************************</b>			
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? Do the contractors possess valid Air Pollution Control Specified Cap311 Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? **Construction Sites** WRTDE SPRAYING EM&A: Are haul roads paved with concrete or sprayed with water to keep the entire road wet? A1 Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious Cap311R: Sch 18 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?					PAUL Y
	Transfer of dusty materials using a belt conveyor system				******	,
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
	Concrete batching plant	ı l				
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:	Are all the conveyor transfer points totally enclosed?					

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

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?		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?	/							
	(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?	/				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	$ \sqrt{ }$				

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

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

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	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?			✓			
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 on uisance?	ut in a manner to minimize noise		<b>/</b>			
EM&A: C2	To mitigate construction noise de holidays, is either one of the followal Mitigation by portable noise Rescheduling of some power sensitive time periods?	owing measures adopted?		/	•		
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
NCO	Are valid construction noise perrinspection?	nits, if required, available for	/				
NCO	Are conditions of construction no relevant part(s) of the works imp		/				
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand	/				
	Major noise source(s)	☐ Traffic	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Constr site	uction	activi	ties inside the
	major noise source(s)	Construction activities		Others			

### Abbreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance APC (Open Burning) Regulation Cap311O: WDO: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member Contractor's Representative (Name in Block letters:

12th January 2005

W. L. (1)

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

Inspection of	date 2/7/ax. Time 13:30. Inspect	ed By			0 Cm	
Site	LMX - GRS		Cont	racto	r: <u> </u>	[MHMHM)
Weather				_		· ·
Condition	Sunny Fine Overcast Hazy		Driz	zle [	R	nin Storm
Temperatu	re 🔀 C Humidity High Moderat	e [	Low	•		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1			
AIR QUALI  Ref.	Checklist Candition	N/A	Yes	No	Unk	Remarks
Ref.	Checklist Candition	N/A	Yes	No	Unk	Remarks
	General Requirements		<sub>t</sub>			
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		<i></i>			
Cap311R; Seh 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?	V				
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	<i>√</i>				
	Construction Sites	<b></b>			· · · · · · · · · · · · · · · · · · ·	
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		_/			
	Stockpiling of dusty materials					
Cap311R: Seh 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		1			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)			<u></u>		<u> </u>
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
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>	<del></del> <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: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
<u>.</u>	Use of vehicles		<u>'</u>			
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	1				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	/				
	Transfer of dusty materials using a belt conveyor system	<u></u> .	L	L		•
Cap311R; Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					<del></del>
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/		1		<u>.</u>
Cap311R: Sch 20(3)	ls 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	· · · · · · · · · · · · · · · · · · ·	<u>-</u>			<del></del> -
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
CAAP.A.	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?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous	· <u>/</u>		<del></del>		<u></u>
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				
Сар3110	Is open burning prohibited?	<b></b> -	J			
Cap311	Is black smoke emission from plant/equipment avoided?	1	-			

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	1		<del>                                     </del>	-,-	<del> </del>
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	7				
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?		<b>√</b>			
	Storage, collection and transportation of waste	1			<u>-</u>	····
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	<b>/</b>			Ī	<del></del>
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;	<b>V</b>		_		
	(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	1 :			1	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	<b>/</b>		Ė		<del></del>
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?	<b>/</b>				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/				
	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	_ser'				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water		ļ	<u> </u>		ļ
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?	<b>/</b>				
	Wheel Washing Water	<del> </del>			<del></del>	·····
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?	1				<del></del>

Ref	Checklist Condition	N/A	Yes	Νo	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	\ \ \				<del></del> -
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 Sili Curtain"?		✓			
EM&A G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?		-	. <u> </u>		·

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes scho	eduled to minimize noise nuisance?	T_	-			
EM&A: C1	Are construction works or equinuisance?	ipment sited to minimize noise	1	1			
EM&A: C1	Are all plant and equipment me conditions?	aintained in good operating		1			
EM&A: C1/GP	Is idle equipment turned off or	throttled down?	<del> </del>		_		
EM&A: Cl	Are methods of working devise nuisance?	ed and arranged to minimize noise	1				<del></del>
EM&A: C1)	Are construction works carried nuisance?	out in a manner to minimize noise					
EM&A: C2	To mitigate construction noise holidays, is either one of the form a) Mitigation by portable noise b) Rescheduling of some powsensitive time periods?	during Sunday's and public flowing measures adopted? se barriers at noise sources or vered mechanical equipment to less	/				
EM&A: C3	To mitigate night time construe equipped with silencers or muff	tion noise, is dredging equipment lers?					
NCO	Are valid construction noise per inspection?	mits, if required, available for					
NCO	Are conditions of construction relevant part(s) of the works im	noise permits, if any, for the plemented accordingly?		/			<u> </u>
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		7			
	Major noise source(s)	Traffic		Constru site	ction	activit	ies inside the
	-	Construction activities outside the site		others			

Abbreviation					
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Waste Management & APC (Construction E APC (Open Burning) Air Pollution Control Practice Note for Pro-Unknown	Plan Pust) Regulation Regulation Ordinance	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)	
Remark					
	· · · · · · · · · · · · · · · · · · ·				
<del></del>	·····				
-					
· · · · · · · · · · · · · · · · · · ·					
Signatures ET Member		Contractor's Repre	esentative		
		/:A	<del></del>		

12th January 2005

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

mspection	date 754/05 time 13:35 inspect	ed By		W.	$N, Ch_1$	(HEC)	Mahamba
Site	LHX - GRS		Сода	uacu	"-Joh	other tuen	Chilas Kees.
Weather		*		4-4-4-	-		
Condition	Sunny Fine Overcast Hazy		Driz	zle [	R	nin Storm	1
Temperatu	re30°C Humidity High Modera	te	Lov	Y			
Wind	Calm Light Breeze Strong						_
GENERAL							····
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1				
AIR QUAL)	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?		V				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or cleaning dust from any vehicle, equipment, other materials or person. Is this observed?	<b>√</b>					
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?		<b>✓</b>				
•	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)	·	•	J		<u> </u>
Cap311R; Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	V				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	V				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	<b>V</b>				
	Loading, unloading or transfer of dusty materials				•	
Cap311R; Sch 19	Are dusty materials, except coment and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	<b>V</b>				
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?	V				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	V				
	Transfer of dusty materials using a belt conveyor system	· · · · · · · · · · · · · · · · · · ·	···			<del></del>
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	√	· · · · · · · · · · · · · · · · · · ·			
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	<b>√</b>				<u></u>
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?	<b>√</b>				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	<b>√</b>				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	$\checkmark$				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	<b>√</b>				
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?	<b>✓</b>				

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

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?		<b>✓</b>			
EM&A: E3	Are wastes disposed of at licensed sites?		<u>/</u>			
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?		/			
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	V				
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?	/				
ЕМ&Л: ЕЗ	Are wastes disposed of at licensed sites?	<b>V</b>				
	General refuse		•			
WMIP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		V			·
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		V			
WMP ·	Is the refuse disposed of regularly and properly?		./			
WMP	Are burning of refuse at site and dumping at sea prohibited?		V			<u> </u>
	Chemical Waste					
em&a: E3	Has the contractor obtained the necessary disposal pennits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	V				

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

### WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks	,
	Surface Run-off	.L.,,,					
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	V					
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstonns? Is appropriate drainage like intercepting channels provided where necessary?	\ <u></u>					-
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	V					
PN1/94	Are open stockpiles of construction materials (e,g, aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	V			·		
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily scaled so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	٧					
PN1/94	Groundwater  Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	V					

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?	<b>V</b>				•
	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?	V				

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?	<b>√</b>				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		V			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	V				

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes sched	uled to minimize noise nuisance?	1				
EM&A: Cl	Are construction works or equip nuisance?	ment sited to minimize noise		V			
EM&A: CI	Are all plant and equipment mai conditions?	ntained in good operating		<b>V</b>			
EM&A: C1/GP	Is idle equipment turned off or the	•		<b>V</b>			
EM&A: C1	Are methods of working devised nuisance?	d and arranged to minimize noise	<b>V</b>				
EM&A: C1)	Are construction works carried on nuisance?	V					
EM&A: C2	To mitigate construction noise diholidays, is either one of the folla) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	V					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		1	i	<del></del>		
NCO	Are valid construction noise persinspection?	nits, if required, available for		V			
NCO	Are conditions of construction no relevant part(s) of the works imp		✓				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			<b>V</b>			
·····	Major noise source(s)	☐ Traffic	Ø	Constr	uctio	activ	ities inside the
		Construction activities outside the site		Others			· · · · · · · · · · · · · · · · · · ·

#### Abbreviation

VEP: WMP: Varied Environmental Permit

Waste Management Plan APC (Construction Dust) Regulation EM&A: EM&A Manual (Construction Phase)

Cap311R: Cap3110:

APC (Open Burning) Regulation

NCO: Noise Control Ordinance Waste Disposal Ordinance WDO:

Cap311: PN1/94:

Unk:

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unknown

Remark					 <del>*************************************</del>
	,				
			**************************************		 
<u> </u>			<del></del>		 ·
		<u></u>		<u></u>	 

Signatures

ET Member

Contractor's Representative

Oyame in Block letters:

12th January 2005

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

Inspection of	date 06/07/05 Time 14:00 Inspec	ted by			ty Ho	
Site	Transmission Route (Civil Work)		Cont	racto	r: Kiei	
Veather		***			•	
Condition	Sunny Fine Overcast Hazy		Driz	zie [	R	sinS
Temperatu	re 33 °C Humidity High ✓ Modera	te	Lov	V		
Wind	Calm  Light  Breeze  Strong					
ENERAL					,	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		1			***************************************
/EP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~		*******	
IR QUALI	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	~				
Cap311R: ch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person.  Has this been observed?	<b>*</b>				
	Stockpiling of dusty materials					
Cap311R: ch 18 M&AJ1	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?		<b>4</b>			
***************************************	Use of vehicles	· · · · · · · · · · · · · · · · · · ·		l		
ap311R; ch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?		<b>✓</b>			L'PS site
	Miscellaneous			L		
ap311R: ch 16	Are:completed earthworks sealed and hydroscoded and planted as soon as possible?	_				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	Is open burning prohibited?		¥			***************************************
Сар311	Is black smoke emission from plant/equipment avoided?		<b>V</b>			

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

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?	<b>-</b>				
EM&A: 1,2 ~ L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	<b>✓</b>				
NCO	Are valid construction noise permits, if required, available for inspection?		1			N4, N2, 11, LPS Landing Point
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?		ż			IN OTHER
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?		·			• · · · · · · · · · · · · · · · · · · ·

#### TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at is monitored to avoid impact on the species Celtis biondii, Pteris disparestricted plants Vitis balansaeana and Rhapis excellsa?	uncommon and rare plant or and Ardicia pusilia, and the		<b>*</b>			
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?			*			····
EM&A Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?			<b>*</b>			
EM&A: Q4	Is open fire prohibited and provent boundary during construction? Is t equipment provided in the work ar	emporary fire fighting	<u> </u>	<b>*</b>			-
		Traffic	<b>1</b>	Cons		on acti	vities inside
	Major noise source(s)	Construction activities outside the site	1	************	rs: B	irds	. 1:1

#### Abbreviation

VEP: Cap311R: Cap311O:

Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance

Cap311: Cap466:

Dumping at Sea Ordinance

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

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

	***************************************
	,
The state of the s	•

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block letters:

20th December 2001

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

Inspection	date 13/07/05 Time 14:00 Inspec	ted by	ET:	Hene	Ігу Но	
O:4-	<b>7</b>		Con	tracti	or: Kie	r
Site	Transmission Route (Civil Work)			•		
Weather			<u> </u>			··········
544,01						
Condition	Sunny Fine Overeast Hazy		Driz	zle	R	ain Stor
Temperat	rre 32 °C Humidity High 📝 Modera	tc _	Lov	×		
Wind	Calm Light Breeze Strong					
GENERAL.						
Ref.	Checklist Condition	N/A	Yes	No	Ünk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		*	-		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		<b>✓</b>			
AIR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	<b>~</b>				
Cap311R: Seb 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person.  Has this been observed?	<b>,</b>				
	Stockpiling of dusty materials			,		
Cap311R; Sch 18 EM&AJ1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		*			
	Use of vehicles	L				
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?		~			LPS site
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroscoded and planted as soon as possible?	/		T		

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cep3110	Is open burning prohibited?		~			
Cap311	Is black smoke emission from plant/equipment avoided?		1			

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials		<u> </u>			
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		✓			
Cap466	Are wastes disposed of at licensed sites?		· ~			<del></del> -
<u> </u>	Construction Waste and Excavated Materials	L—————		h		
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~	:			
Cap354	Are wastes disposed of at licensed sited?	~	·		7	
······································	Chemical Waste	<u>                                     </u>	i de la constantina della cons			<del>,</del> -
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	•				
Cap354C	Has the Contractor registered as a chemical waste producer?		<b>*</b>			
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	~				

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

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

#### TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
em&A: O1	monitored to avoid impact on the u species Celtis blondil, Pteris dispa	Are the construction activities at landing points N4 & N5 closely monitored to avoid impact on the uncommon and rare plant pecies Celtis blondil, Pteris dispar and Ardicia pusilla, and the estricted plants Vitis balansaeana, Pterospermum heterophyllum and Rhapis excellsa?		~			<del>- 111 </del>
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?			~	1		
EM&A: Q3		Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?		1			
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is t equipment provided in the work ar	emporary fire fighting		•			
	Traffic		·	Construction activities inside			ivities inside
	Major noise source(s)  Construction activities outside the site	1	1	ers: B	irds		

#### Abbreviation

AEb. Cap311R:

Cap311O: Cap311: Cap466:

Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance

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

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown

Romark

		- Lander of the land of the la	
	- The second sec		
		······································	
<u></u>			

Signatures

**ET Member** 

Contractor's Representative

20th December 2001

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

	date 20/07/05 Time 15:00 Inspect	ed by	ET:	Hend	гу Но	
•		•			r: Kier	
Site	Transmission Route (Civil Work)					
eather				<u>.</u>		<u></u>
Condition	Sunny Fine Overcast Hazy		] Driz	zle [	R	unSt
'emperatu	re 34 °C Humidity High Moderat	e	Lov	v		
Wind	Calm Light Breeze Strong					
						···-
ENERAL						
lef.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Has a copy of the most updated Environmental Permit been					
EP 1.5	displayed at all vehicular site entrances/exits for public information?		1	i i		
VEP 1.5	displayed at all vehicular site entrances/exits for public		✓			
	displayed at all vehicular site entrances/exits for public information?  Is a copy of EIA report kept in Engineers' and Contractors' offices					

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

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap311O	Is open burning prohibited?		1			
Cap311	Is black smoke emission from plant/equipment avoided?		1			

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

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

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

### TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at la monitored to avoid impact on the a species Celtis biondii, Pteris disparestricted plants Vitis balansaeana and Rhapis excellsa?	uncommon and rare plant or and Ardicia pusilla, and the		<b>*</b>			
EM&A: O2	Are fences erected in accordance v in good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded ar uncommon and restricted plant spe	ary of construction sites to ts, and encroachment of eas, particularly where the rare,		<b>~</b>			
EM&A: Q3	Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?			<b>~</b>			
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is t equipment provided in the work at	temporary fire fighting		1			
		Traffic	1	Construction activities in			ivities inside
·	Major noise source(s)  Construction activities outside the site		1	Oth	ers: E	irds	

#### Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap3110: APC (Construction Dust) Regulation

Cap311: Cap466: APC (Open Burning) Regulation Air Pollution Control Ordinance

Dumping at Sea Ordinance

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

Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

Remark		 	
	 		<del></del> -
<u> </u>	 	 	
<del></del>		 	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name in Block letters:

20th December 2001

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

Inspection of							
			Cont	racto	r: Kier	·	
Site	Transmission Route (Civil Work)				_		
Weather							
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	in Stor	
Temperatu	re 30 °C Humidity High  Moderat	е	Lov	V			
Wind	Calm Light Breeze Strong						
GENERAL							
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		✓				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		<b>√</b>				
AIR QUALI ———— Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
	General Requirements						
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	<b>✓</b>					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person.  Has this been observed?	<b>~</b>					
	Stockpiling of dusty materials						
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	)	<b>✓</b>				
	Use of vehicles					<u> </u>	
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?		✓			LPS site	
	Miscellaneous				·		
Cap311R:	Are completed earthworks sealed and hydroseeded and planted as						

Sch 16

soon as possible?

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

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

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

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

### TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at la monitored to avoid impact on the a species Celtis biondii, Pteris disparestricted plants Vitis balansaeana and Rhapis excellsa?		<b>\</b>				
EM&A: O2	Are fences erected in accordance v in good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded ar uncommon and restricted plant spe		>				
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?			<b>✓</b>			
EM&A: Q4	Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?			<b>\</b>			
		Traffic	<b>√</b>	Cons		ion act	lvities inside
	Major noise source(s)	Construction activities outside the site	1	Othe	ers: B	irds an	d insects

#### Abbreviation

VEP: Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation Cap311R: Cap311O:

Cap311: Cap466: Air Pollution Control Ordinance

Dumping at Sea Ordinance

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

Noise Control Ordinance NCO:

Cap354: Waste Disposal Ordinance Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown Unk:

Remark			

Signatures

ET Member

Contractor's Representative

in Block letters:

20th December 2001

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

Inspection d	late 27/05 Time 16 2 45 Inspect	ted by	ET:	CK	: Wa	ower system
Site	Ontside Landing Point II		Com	acto	1.0-1.	ownes 2 81
Weather					·	
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	in Storm
Temperatu	re 30°C Humidity High Moderat	te $\overline{\nu}$	Lov	<b>V</b>		
Wind	Calm Light V Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers? and Contractors? offices on site?		/			
				<b></b>		
AIR QUALI Ref.	TY Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	V				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person.  Has this been observed?	V				
* .	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	V				
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	V <sub>1</sub>				
	Miscellaneous.,					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1/				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	Is open burning prohibited?	V				
Cap311	Is black smoke emission from plant/equipment avoided?	1				

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

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

1	N	1	`	T	C	t	ì
ı	×	ı.	,		. 7	г	۹.

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

#### TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	monitored to avoid impact on the species Celtis biondii, Pteris dis		V				
EM&A: O2	in good condition along the bour prevent tipping, vehicle movement	ents, and encroachment of areas, particularly where the rare,	V				
EM&A: Q3	Has regular checking been perfo boundaries are not exceeded and surrounding areas?		V				
EM&A: Q4	Is open fire prohibited and preve boundary during construction? Is equipment provided in the work	s temporary fire fighting	V				
		☐ Traffic		Consti	ructio	n activi	ities inside the
	Major noise source(s)	Construction activities outside the site		Others	·		

#### Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap311O:

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

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

NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

Remark		
	,	
	N/A	
	<i>U</i>	
Signatures		
ET Member	Contractor偲Representative	
	\$	
(Name in Blockletters:	(Name in Block letters:	
CKWany,	BERRY YUR,	

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

Inspection of	date IS 7/05 Time 11:30 Inspect	ted by	ET:	CK	Wor	40 OWER STSTE
Site	Outside Landing Point II		Cont	racto	r:J-Y	owek 8516
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [	Ra	ain Storm
Temperatu	re DC 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 updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		<b>/</b>			
VEP 1.6	Is a copy of EIA report kept in Engineers? and Contractors? offices on site?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	V				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person.  Has this been observed?	✓ <b>.</b>				7
	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	V				
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	V				
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					

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

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

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

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

#### TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at monitored to avoid impact on the species Celtis biondii, Pteris disprestricted plants Vitis balansaean and Rhapis excellsa?	e uncommon and rare plant	V				
EM&A: O2	in good condition along the bour prevent tipping, vehicle moveme	ents, and encroachment of areas, particularly where the rare,	V				0
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and surrounding areas?		✓				
EM&A: Q4	Is open fire prohibited and preve boundary during construction? Is equipment provided in the work	s temporary fire fighting		,			
	Main main commun(s)	☐ Traffic	Image: second content of the s	Consti site	ructio	n activi	ities inside the
	Major noise source(s)	Construction activities outside the site		Others	š		_

#### Abbreviation

VEP:

Varied Environmental Permit

Cap311R: Cap311O: Cap311: Cap466:

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

Air Pollution Control Ordinance Dumping at Sea Ordinance

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

Noise Control Ordinance

Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown Unk:

Remark		
	N/A	
	· ·	
Signatures		
ET Member	Contractor個Representative	

(Name in Block etters:

CKWON(1)

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

nspection d	ate 21/7/05 Time 14:30 Inspect	ed by	ET:	Ck	100	NCI DISTER SYS
lite	Outside Landing Point II	Ĺ	Conti	acto	-	MAL YS
eather						
Condition	Sunny Fine Overcast Hazy		Drizz	zle [	Ra	in Sto
Temperatu:	re ☑o°C Humidity High ☑ Moderat	te	Low	,		
Wind	Calm Light Breeze Strong					
ENERAL				-		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		$\checkmark$			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u> </u>			J	
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	V				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person.  Has this been observed?	V				
	Stockpiling of dusty materials	<del></del>	т			· · · · · · · · · · · · · · · · · · ·
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	1	,			
	Use of vehicles			<del></del>		
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					

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

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

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

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

#### TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: O1	Are the construction activities at monitored to avoid impact on the species Celtis biondii, Pteris disprestricted plants Vitis balansaean and Rhapis excellsa?	uncommon and rare plant par and Ardicia pusilla, and the	V					
EM&A: O2	Are fences erected in accordance in good condition along the boun prevent tipping, vehicle movement personnel into adjacent wooded a uncommon and restricted plant sp	V						
EM&A: Q3	Has regular checking been perfor boundaries are not exceeded and surrounding areas?	Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?						
EM&A: Q4	Is open fire prohibited and preve boundary during construction? Is equipment provided in the work	temporary fire fighting						
		☐ Traffic	U	Construction activities inside the				
-	Major noise source(s)	Construction activities outside the site	others					

### Abbreviation EM&A: EM&A Manual (Construction Phase) Varied Environmental Permit VEP: Noise Control Ordinance APC (Construction Dust) Regulation NCO: Cap311R: Cap311O: Cap354: Waste Disposal Ordinance APC (Open Burning) Regulation Cap354c: WDO (Chemical Waste) (General) Regulation Air Pollution Control Ordinance Cap311: Cap466: Unknown Unk: Dumping at Sea Ordinance Remark Signatures Contractor's Representative ET Member

(Name in Block letters:

CK WONG)