Appendix H

Site Audit Summary

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

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

Inspection of	late 50ct of Time 09230 Inspect	ed By	ET:	W_	Sin	
			Cont	racto	r: W.	F. Kombe (715)
Site	LMX. L9 Mech. Freton Area.					
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle	Ra	nin Storm
Temperatu	re C Humidity High Moderat	te	Lov	v		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1			
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u> </u>				· .
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	1				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		1			
	Stockpiling of dusty materials	1	****			
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	•		•		
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	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	<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					
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			Cleaning Paralelo By P.T.
	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?					
Jen 20(2)	enciosed:	/				
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(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	1				
Cap311R:	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? Are stockpiling conveyors equipped with level adjusting	(
Cap311R: Sch 20(3) Cap311R: Sch 20(4)	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? Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	(
Cap311R: Sch 20(3) Cap311R: Sch 20(4) EM&A: A2	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? 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	(
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? 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	(-	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				
Cap311O	Is open burning prohibited?		~			
Cap311	Is black smoke emission from plant/equipment avoided?		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?	1				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~				
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?	v				
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?		1			
WMP	Is general refuse stored within receptacles and separated from chemical wastes?		V			
WMP	Is the refuse disposed of regularly and properly?		V			
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?		1			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		1			
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		1			
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?		(
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/				
	(2) reusable / recyclable materials;	1				
-	(3) un-reusable / non-recyclable waste for landfill disposal.		(
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	Únk	Remarks
	Surface Run-off	J			I	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	1				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	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?	/				
	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			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?	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?	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?	-				
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?	7				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	lled to minimize noise nuisance?		1			
EM&A: C1	Are construction works or equipmuisance?	nent sited to minimize noise		/			
EM&A: C1	Are all plant and equipment mair conditions?	tained 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		1	7		
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise		/			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		1			
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			:	V
NCO	Are conditions of construction no relevant part(s) of the works imple		1				
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		1			
***		☐ Traffic	Ø	Constr	uction	activi	ties inside the
	Major noise source(s)	Major noise source(s) Construction activities outside the site					

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R:

APC (Construction Dust) Regulation

Cap3110: Cap311: PN1/94:

APC (Open Burning) Regulation Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unk: Unknown

Remark		
Signatures		

NCO:

WDO:

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

Waste Disposal Ordinance

Noise Control Ordinance

ET Member

Contractor's Representative

(Name in Block letters:

W.SIU

(Name in Block letters:

04/9012 The Hongkong Electric Co. Ltd. Lamma Power Station Extension – E&M Works Weekly Site Inspection Checklist

Inspection	date Dat 2006 Time 10:20 Inspect	ed By	ET:			n (H
Site	LMX-19 Meck Exection Area.		Cont	racto	r: (.). ¯	7. Kude (7
Veather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	nin S
Temperati	ure 6 °C Humidity High Moderat	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?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	L		L		<u></u>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	/				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		✓			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	1				
	Construction Sites				,	
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			
	Stockpiling of dusty materials					.
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	/				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	✓				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	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?		✓			Cleaning Provided By P.Y.
7	Transfer of dusty materials using a belt conveyor system					J
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?	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?	/				
				1		1

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
	Dredged Materials									
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/								
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/								
EM&A: E3	Are wastes disposed of at licensed sites?	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?	/								
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?	/				<u> </u>				
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?		V							
WMP	Is the refuse disposed of regularly and properly?		/							
WMP	Are burning of refuse at site and dumping at sea prohibited?		/							
	Chemical Waste									
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/								

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
WDO	Has the Contractor been registered as a chemical waste producer?		1						
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		/						
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;	V							
	(2) reusable / recyclable materials;	V							
	(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?		V						

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?	~				
111101	Groundwater					
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	1				

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		1			
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		/			
EM&A: C1	Are all plant and equipment mai conditions?	ntained in good operating		1		-	
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		/			
EM&A: C1)	Are construction works carried on nuisance?		/				
EM&A: C2	To mitigate construction noise of holidays, is either one of the folia) Mitigation by portable noise b) Rescheduling of some pow sensitive time periods?		✓				
EM&A: C3	To mitigate night time construct equipped with silencers or muff	ion noise, is dredging equipment ers?	/				
NCO	Are valid construction noise per inspection?	mits, if required, available for	/				
NCO	Are conditions of construction in relevant part(s) of the works imp		1				
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		/			
	Major noise source(s)	Construction activities inside the site Others					

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Cap311R: Cap311O: Cap311: PN1/94:

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
WDO: Waste Disposal Ordinance

Waste Management Plan
APC (Construction Dust) Regulation
APC (Open Burning) Regulation
APC (Open Burning) Regulation
Air Pollution Control Ordinance
Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

Remark	-		
	Altr. System State		· · · · · · · · · · · · · · · · · · ·
Signatures		·	

ET Member

Contractor's Representative

IEC's Representative

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(Name in Block letters:

(Name/in Block letters:

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

Inspection of	late 4 oct 2001 Time 09:35 hs Inspect	ed Rv	ET:		T. T. C	Thur box
Inspection (cu Dy	Cont			TOR CHENG
Site	LMX - 19 GLETRICAL ERECTION AREA					
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Stor
Temperatu	re 27°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?		v			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
				L .	L	
AIR QUALI	TV					
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?	1				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/	,		
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	V				
	Construction Sites	I	I	1		1
EM&A:	Are haul roads paved with concrete or sprayed with water to keep		7			Water Spray

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?

the entire road wet?

Stockpiling of dusty materials

A1

Cap311R: Sch 18

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				
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?	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?	/				
	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?	Ļ				
	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?		<u>/</u>			
	Transfer of dusty materials using a belt conveyor system	L				
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	V				
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?	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?	J				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1				
EM&A: A2	Are all the conveyor transfer points totally enclosed?					

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous		,	·		
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	5				
Cap311O	Is open burning prohibited?		S			
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?	V								
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	J								
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?	0								
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?	0								
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	N								
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?	J								
	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?		~							
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)?	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?	v				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	2				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	1				
	Storage, collection and transportation of waste			<u> </u>		
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?	/ ا				
	(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?	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?)				
	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?		1			

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

MARINE ECOLOGY

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

NOISE

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Ci	Are working programmes sche	duled to minimize noise nuisance?		V			
EM&A: Ci	Are construction works or equi nuisance?	pment sited to minimize noise		V			
EM&A: C1	Are all plant and equipment ma conditions?	intained in good operating		J			
EM&A: C1/GP	Is idle equipment turned off or	throttled down?		/			
EM&A: Cl	Are methods of working devise nuisance?	d and arranged to minimize noise		7			
EM&A: C1)	Are construction works carried nuisance?	out in a manner to minimize noise		7			
EM&A: C2	To mitigate construction noise of holidays, is either one of the fol a) Mitigation by portable noise b) Rescheduling of some pow sensitive time periods?	lowing measures adopted?	V				
EM&A: C3	To mitigate night time construct equipped with silencers or muffl	ion noise, is dredging equipment lers?	1				
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	oise permits, if any, for the olemented accordingly?	/				
NCO	Are valid noise emission labels in held percussive breakers?	fixed at air compressors and hand	7				-
	Major noise source(s)	☐ Traffic		Constru site	ıction	activit	ies inside the
	riajor noise source(s)	Construction activities outside the site		Others			

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R:

APC (Construction Dust) Regulation

Cap3110: Cap311: PN1/94:

APC (Open Burning) Regulation Air Pollution Control Ordinance

Unk:

Remark

Practice Note for Professional Persons (Construction Site Drainage)

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

Noise Control Ordinance

WDO: Waste Disposal Ordinance

NCO:

Unknown

Signatures

ET Member

Contractor's Representative

12th January 2005

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

Inspection	date 13001 2006 Time 10:35 hs Inspect	ed By	ET:	<u>11</u>	СИ	u/PDE
Site	LMX - L9 Electrica / Freeting Area.	ļ	Cont	racio	r: PE[ERCHENGYSH
Weather	1. Trestantes and restaurant and res					
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	nin Stor
Temperati	re	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?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	}			L	<u></u>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	/				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites		•	•	•	
EM&A:	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			Water Spra
				1	1	Proceded
	Stockpiling of dusty materials	<u> </u>		1		Provided

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?	$\sqrt{}$				
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?					
	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?		/			
	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?	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?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	1				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: A2`	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	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?	1				
Cap311O	Is open burning prohibited?		V			
Cap311	Is black smoke emission from plant/equipment avoided?		J			

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?	V				
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?	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?	V				7911700 46400
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?	V				
	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?		J			
WMP	Is the refuse disposed of regularly and properly?		V			
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)?		1			

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?	V				
	Storage, collection and transportation of waste	.1				
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?		J			
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?	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?	U				
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?	J				
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?	J				
DN11404	Groundwater	,			-	
PN1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	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					
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 roules stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?	J				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	V				

NOISE

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Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes sched	uled to minimize noise nuisance?		V			
EM&A: CI	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		V			
EM&A: C1/GP	Is idle equipment turned off or the	nrottled down?		1			
EM&A: C1	1	of working devised and arranged to minimize noise		1			
EM&A: CI)	Are construction works carried on nuisance?	out in a manner to minimize noise		1			
EM&A: C2			/				
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
NCO	Are valid construction noise pert inspection?	nits, if required, available for	1				
NCO	Are conditions of construction no relevant part(s) of the works imp		1				
NCO	Are valid noise emission labels fixed at air compressors and hand neld percussive breakers?			,			
	Major noise source(s)	☐ Traffic	1	Constr site	uction	activi	ties inside the
	5-14jor 110100 0001 20(0)	Construction activities outside the site	ivities Others				

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R: Cap3110:

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

Cap311: PN1/94:

Air Pollution Control Ordinance

Practice Note for Professional Persons (Construction Site Drainage)

Unk: Unknown

Remark				÷	
	·	-			
	· · · · · · · · · · · · · · · · · · ·				

Signatures

ET Member

Contractor's Representative

IEC's Representative

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

Noise Control Ordinance

Waste Disposal Ordinance

NCO:

WDO:

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

)

POC

(Name in Block letters

PETEN CHENG

SANKO.

12th January 2005

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

Inspection	i date 4 10 06 Time 76:30 Inspecte	ed By	ET: \	VC.	Yip	, PDC
Site	2MX-Superstructure	ļ	Contr	actor	Ring	1º Wing, F
Weather						
Condition	Sunny Fine Overcast Hazy		Drizz	le [Ra	in Stor
Temperat	ure C Humidity High Moderate	e [J D Low			ا ليسا
Wind	Calm Light Breeze Strong	L.	J			
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?		V			
Ref.	Checklist Condition	NY/ A		T.,	[<u></u> .	Γ
	General Requirements	N/A	Yes	No	Unk	Remarks
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		√			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	V				
	Construction Sites		1	_l:	ــــــــــــــــــــــــــــــــــــــ	
EM&A:	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials		1	_	<u></u>	.1
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface part to prove the control of the contr				Ţ	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					*
Cap311R: Sch 15(3)	Are the storage siles for cement or dry PFA prevented from overfilling?		, <u>-</u>			:
Cap311R: Seh 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?	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?	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?	W				
	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?		V			
	Transfer of dusty materials using a belt conveyor system		•			1
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	V				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	V			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?	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?	/				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A:	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	1,/				
A.2	,	V	L			

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	Īs open burning prohibited ^a		√	Ī		
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?	\checkmark				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	\checkmark				
EM&A: E3	Are wastes disposed of at licensed sites?	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?					
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?	1				
EM&A: E3	Are wastes disposed of at licensed sites?	7	<u> </u>			-
	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?		V			
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?	1				
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/			-	
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste?	/				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	V				
	Storage, collection and transportation of waste		1	٠		·
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;	1				
	(3) un-reusable / non-recyclable waste for landfill disposal.	1/				
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?					

WATER QUALITY

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

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 lan 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 scheduled to mi	nimize noise nuisance?		\			
EM&A: C1	Are construction works or equipment sited nuisance?	I to minimize noise		\checkmark			
EM&A: C1	Are all plant and equipment maintained in conditions?	good operating		/			
EM&A: C1/GP	Is idle equipment turned off of throttled d	own?		V			
EM&A: C1	Are methods of working devised and arrainvisance?	nged to minimize noise		V			
EM&A: C1)	Are construction works carried out in a m nuisance?	anner to minimize noise		1			
EM&A: C2	To mitigate construction noise during Sur holidays, is either one of the following m a) Mitigation by portable noise barriers b) Rescheduling of some powered med sensitive time periods?	easures adopted? at noise sources or		/			
EM&A: C3	To mitigate night time construction noise equipped with silencers or mufflers?	, is dredging equipment	V				
NCO	Are valid construction noise permits, if re inspection?	equired, available for		/			
NCO	Are conditions of construction noise per relevant part(s) of the works implemente	d accordingly?		V			
NCO	Are valid noise emission labels fixed at a held percussive breakers?	ir compressors and hand		V			
	Major noise source(s)	raffic	Construction activities inside site				vities inside the
	1 Table	Construction activities outside the site		Othe	rs _		

	•		-
Abbreviation			
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Co	EM&A: EM&A Manual (Constructi NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance istruction Site Drainage)	on Phase)
Remark			-
	•		
			<u></u>
			
		Mark to the second of the seco	
		7.2.1.	·
Signatures			
ET Member	Contractor Repr	sentative	· ·
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	. 1	•	
\mathcal{W}^{0}	C. Yi;		
W.: Residen	C. Yin	•	
Name in Block			
Trame III DIOCK	letters: (Name in Block & Mohle the A	LETS:	
	N NVERT HO. A	1100 1	

11th November 2002

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

Inspection Site	7000	xd By [ET: [/C actor	Yî p Ringi	PDC Nong, PY
	LMX - Superstructure					. •
Weather						
Condition			Drizz	le [Ra	in Storm
Temperati	ure∭℃ Humidity High Moderat	e	Low	r		
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?		· V			
AIR QUAL	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	<u></u>	<u> </u>	L.,	I	
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		✓			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		\checkmark			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	\checkmark				
	Construction Sites	·	L			Ł
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		V			
	Stockpiling of dusty materials	.4	<u></u>		<u> </u>	•
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	/				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	√				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				,
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	V			5 	
	Loading, unloading or transfer of dusty materials			···		·
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	√		-		
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		~			
	Transfer of dusty materials using a belt conveyor system		•	•	· · · · · · · · · · · · · · · · · · ·	, I
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?	/				
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?	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?	V				
EM&A:	Are all the conveyor transfer points totally enclosed?	17	+	+		

Ref.	Checklist Candition	N/A	Yes	No	Unk	Remarks
	Miscellaneous	·	<u> </u>	٠	!	·
Cap311R: Sch 16	Are completed earthworks sealed and hydrosceded and planted as soon as possible?	/				
Cap3110	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?		V			

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?	$\sqrt{}$	-							
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?	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?		V							
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?	V				-				
	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							
VMP	Is the refuse disposed of regularly and properly?		1	-		 				
VMP	Are burning of refuse at site and dumping at sea prohibited?		1							
_	Chemical Waste									
EM&A: 23	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?			-		
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?	V				
	Storage, collection and transportation of waste	.4		•		1.
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	V			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?			ă.		
	(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?	/				

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 crosson 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 of foundation excavations discharged into storm drains via subtremoval 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, all or debris into the drainage system?	/				
PN1/94	Are manifoles (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt; construction materials or debris from getting into the draining system, and to prevent storm run-off from getting into fool sewers?	V				
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into sterm					
£111/74	drains after the removal of silt in silt removal facilities?	V		75.7		

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?	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?		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?	√		2 : 1 2 : 1		
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the lan 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	17.54	N/A	Yes	No	Unk	Remarks
EM&A : C1	Are working programmes sched	uled to minimize noise nuisance?		V			
EM&A: C1	Are construction works or equip nuisance?	ment sited to minimize noise		V			
EM&A: C1	Are all plant and equipment mail conditions?	ntained in good operating		V			
EM&A: C1/GP	Is idle equipment turned off or t	劉利達 化环状性电影 医二二氏病		1			
EM&A: C1	Are methods of working devised in its income.	1 and arranged to minimize noise		V			
EM&A: C1)	Are construction works carried nuisance?	out in a manner to minimize noise		1			
EM&A: C2	To mitigate construction noise of holidays, is either one of the folial Mitigation by portable noise of Reschieduling of some powers sensitive time periods?	lowing measures adopted?		√			
EM&A: C3	To mitigate night time construc equipped with silencers or muff	tion noise, is dredging equipment lers?	2			-	
NCO	Are valid construction noise per inspection?	rmits, if required, available for		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 held percussive breakers?	fixed at air compressors and hand					
	Major noise source(s)	Construction activities		Cons site Other		on acti	vities inside the

Abbreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) APC (Construction Dust) Regulation Cap311R: NCO: Noise Control Ordinance Cap311O: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance Cap311: PN1/94; Air Pollution Control Ordinance Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures ET Member Contractor Representative IEC's Representative This site inspection was carried ou in the presence of IEC's represents 12/10/06 (Name in Block Jetters: (Name in Block letters:

)

11th November 2002

W. C. Yip

Resident Engineer

Page 7 of 7

WORKS HO HOLD

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

Inspection of	late 04/10/06 Time 09:30 Inspect	ed by	ET: I	Eric [Dai	
·			Cont	racto	r: Kade	en
Site	Transmission Route (Civil Work)					
Veather						
· · · · · · · · · · · · · · · · · · ·						
Condition	Sunny Fine Overcast Hazy		Drizzl	e [Rair	Storm
Temperatu	re 30 °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 updated 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	TTY					
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?	✓				
	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		1			
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	~				

Are completed earthworks sealed and hydroseeded and planted as soon as possible?

Miscellancous

Cap311R: Sch 16

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	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			•				
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1						
Cap466	Are wastes disposed of at licensed sites?	1						
	Construction Waste and Excavated Materials							
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/						
Cap354	Are wastes disposed of at licensed sited?	/						
	Chemical Waste							
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	~						
Cap354C	Has the Contractor registered as a chemical waste producer?		✓					
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?	1				

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

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: O1	Are the construction activities at la monitored to avoid impact on the uspecies Celtis biondii, Pteris disparenticted plants Vitis balansaeana, and Rhapis excellsa?	incommon and rare plant rand Ardicia pusilla, and the		~				
EM&A: O2	in good condition along the boundar prevent tipping, vehicle movement personnel into adjacent wooded are	re fences erected in accordance with the Hoarding Plan and kept i good condition along the boundary of construction sites to revent tipping, vehicle movements, and encroachment of ersonnel into adjacent wooded areas, particularly where the rare, ncommon and restricted plant species are located?						
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 to equipment provided in the work ar	emporary fire fighting		1				
		Traffic	/	Construction activitie			tivities inside	
	Major noise source(s) Construction activities outside the site			Others:				

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 NCO:

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

Unk: Unknown

Remark

Signatures

ET Member

(Nameric Blacksletters

Assistant Resident Engineer

Contractor's Representative

(Name in Block letters:

C-1650

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

Inspection of	ion date 11/10/06 Time 09:30 Inspected by ET: Eric Dai Contractor: Kaden						
Site	Transmission Route (Civil Work)		Cont	racto	r: Kad	en	
Veather				·			
Condition	Sunny Fine Overcast Hazy		Drizzl	e [Raiı	n Storm	
Temperatu	re 29 °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 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?		1				
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
	General Requirements	L	1	l		L	
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?	✓					
	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)	ls 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?		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?	1							
Cap466	Are wastes disposed of at licensed sites?	1	!						
	Construction Waste and Excavated Materials								
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/							
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)?	_							
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?	✓				

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

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: O1	Are the construction activities at la monitored to avoid impact on the uspecies Celtis biondii, Pteris disparrestricted plants Vitis balansaeana, and Rhapis excellsa?	ncommon and rare plant r and Ardicia pusilla, and the		~				
EM&A: O2	in good condition along the boundar prevent tipping, vehicle movement personnel into adjacent wooded are	re fences erected in accordance with the Hoarding Plan and kept good condition along the boundary of construction sites to event tipping, vehicle movements, and encroachment of ersonnel into adjacent wooded areas, particularly where the rare, accommon and restricted plant species are located?						
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?	ned to ensure that the work site nat no damage occurs to		/				
EM&A: Q4	A: 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?			1				
		Traffie	Construction a				livities inside	
	Major noise source(s)	Construction activities outside the site		Others:				

Abbreviation

VEP: Cap311R: Cap311O: Cap311:

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

Cap466:

Dumping at Sea Ordinance

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

Noise Control Ordinance

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

Unk: Unknown

Remark

Signatures

ET Member

(Name in Block letters:

Eric, K Y Dai

Assistant Resident Engineer

Contractor's Representative

(Name in Block letters:

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

Inspection	date 18/10/06 Time 09:30 Inspect	ed by	ET: Eric Dai Contractor: Kaden						
Site	Transmission Route (Civil Work)		Cont		, read				
Weather									
Condition Temperate	Sunny Fine Overcast Hazy ure 30 °C Humidity High Moderat	c	Drizzl Low	e [Rair	Storm			
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?		1						
AIR QUAL	LITY	,	· · · · · · · · · · · · · · · · · · ·	1	,				

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?	/							
	Stockpiling of dusty materials								
Cap311R: Sch 18 EM&A:JI	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?	~							
	Miscellaneous								
Cap311R: Sch 16	Are completed earthworks sealed and hydrosceded and planted as soon as possible?	~							

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

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				
<u>.</u>	Construction Waste and Excavated Materials	•	·			
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	✓				
Cap354	Are wastes disposed of at licensed sited?	✓				
	Chemical Waste					
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	*				
Cap354C	Has the Contractor registered as a chemical waste producer?		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: MI	Are rubble mound seawalls constructed for the landing and launching points at Lamma Island?	/		i		

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

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Oi	Are the construction activities at lar monitored to avoid impact on the ur species Celtis biondii, Pteris dispar restricted plants Vitis balansaeana, and Rhapis excellsa?	ncommon and rare plant and the		'			
EM&A: O2	Are fences erected in accordance win good condition along the boundar prevent tipping, vehicle movements personnel into adjacent wooded are uncommon and restricted plant spe-		1				
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and th surrounding areas?	ed to ensure that the work site at no damage occurs to		1			
EM&A: Q4	Is open fire prohibited and prevent boundary during construction? Is to equipment provided in the work are	emporary fire fighting		√			
		Traffic	·		istruc site	tion ac	tivities inside
	Major noise source(s) Construction activities outside the site			Oth	iers:		

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

ark					
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	<u> </u>		<u> </u>		

Signatures
ET Member
/ /

Contractor's Representative

(Name in Block letters: Eric, K Y Dai

(Name in Block letters:

Assistant Resident Engineer

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

Inspection date	25/10/06 Time 09:30	Inspected by	ET: Eric Dai Contractor: Kaden
Site	Transmission Route (Civil Work)		
Weather			
Condition	Sunny Fine Overcast	Hazy	Drizzle Rain Storm
Temperature	28 °C Humidity High	Moderate	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 updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		4			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		~			

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	~				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	1				
	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		✓			
	Use of vehicles			-	l	•
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 scaled and hydroseeded and planted as soon as possible?	~				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap311O	Is open burning prohibited?		1			
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?	~	,			
Cap466	Are wastes disposed of at licensed sites?	1			<u></u>	
	Construction Waste and Excavated Materials					
Сар354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	~				
Cap354	Are wastes disposed of at licensed sited?	✓				
	Chemical Waste			· · · · · · · · · · · · · · · · · · ·	•	
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				
Cap354C	Has the Contractor registered as a chemical waste producer?		1			
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	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?	1				

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

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at la monitored to avoid impact on the conspecies Celtis biondii, Pteris disparestricted plants Vitis balansaeana and Rhapis excellsa?	uncommon and rare plant r and Ardicia pusilla, and the		√			
EM&A: O2	Are fences erected in accordance vin good condition along the bound prevent tipping, vehicle movement personnel into adjacent wooded are uncommon and restricted plant spe	ary of construction sites to ts, and encroachment of eas, particularly where the rare,		~			
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and the surrounding areas?	ned to ensure that the work site nat no damage occurs to		~			
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?			~			
		Traffic	Construction activitie			ivities inside	
	Major noise source(s)	Construction activities outside the site		Others:			

Abbreviation

VEP:

Varied Environmental Permit

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

Cap311: Cap466:

Air Pollution Control Ordinance Dumping at Sea Ordinance

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

Noise Control Ordinance

Cap354: Waste Disposal Ordinance

Cap354c: WDO (Chemical Waste) (General) Regulation

Unk: Unknown

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Signatures

ET Member

Contractor's Representative

(Name in Block letters: Eric, K. Y Dai

Assistant Resident Engineer

(Name in Block letters: