Appendix H

Site Audit Summary

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

Inspection	date 2/7/03 Time 10:00 Inspect	ed By	ET:	Q.		Chan
Site	LMX- Site Formation		Cont	racto	ir. A	v. t. Hui
Weather						· <u>.</u>
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Sto
Temperati	re-[₹1] °C Humidity High ✓ Modera	te	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?		/			٠.
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
	•					l <u>-</u>
AIR QUAL	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?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites					
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					,
	Stockpiling of dusty materials	1	·			<u> </u>
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	./				

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

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

WASTE/CHEMICAL WASTE MANAGEMENT

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks	
WDO	Has the Contractor been registered as a chemical waste producer?	√	_		-		
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	1					
EM&A: E4	ls chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste ⁷⁷ ?	/					
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;		ĺ			 	
	(2) reusable / recyclable materials;						
•••	(3) un-reusable / non-recyclable waste for landfill disposal.						
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		**				

WATER QUALITY

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

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	 			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?	/				
	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: Gi	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: Cl	Are working programmes schedu	lled to minimize noise nuisance?						
EM&A: Cl	Are construction works or equipr nuisance?	ment sited to minimize noise						
EM&A: CI	Are all plant and equipment mair conditions?	stained in good operating		/				
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		/				
EM&A: C1	Are methods of working devised nuisance?							
EM&A: C1)	Are construction works carried or nuisance?							
EM&A: C2	holidays, is either one of the follo a) Mitigation by portable noise	b) Rescheduling of some powered mechanical equipment to less						
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/					
NCO	Are valid construction noise perminspection?	nits, if required, available for		/				
NCO	Are conditions of construction no relevant part(s) of the works imp			/				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?							
	W	☐ Traffic	Ø	Const.	ructio	n activ	ities inside the	
	Major noise source(s)	Construction activities outside the site		Others				

Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (C Unknown	NCO: WDO:	EM&A Manual (Construction Noise Control Ordinance Waste Disposal Ordinance Orainage)	Phase)
Remark	<u> </u>			
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Signatures				
ET Member	Contractor's Rep	resentative 🚙		
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(Name in Block) CLANKY	etters: (Name in Block in Many) Many)	1 Chooks	6.	

11th November 2002

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

Inspection d	late Q/7/03 Time 0-100 Inspect	ed By				Chan
Site	LMX- Site Formation		Cont	racto	r: W	k Hui
Weather	· · · · · · · · · · · · · · · · · · ·					<u> </u>
		_	٦.,	. r		. 🗀-
Condition	Sunny Fine Overcast Hazy	_ _	Dniz	zle [R	inStore
Temperatu	re[32] °C Humidity High Moderat	e	Low	′		
Wind	Calm Light Breeze Strong					
GENERAL	·····	*				
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		\checkmark			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
AIR QUALI	TY					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements			_		
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		_\			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/	·		
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
•	Construction Sites					·
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?	•	/			
	Stockpiling of dusty materials					
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)		·		L	
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?				,	
	Loading, unloading or transfer of dusty materials	•				<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?		1			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		,			<u>, </u>
	Use of vehicles			•		<u></u> " ·
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					· · ·
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					
	Transfer of dusty materials using a belt conveyor system					· <u>·</u> ·
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?			}		
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	\checkmark			•	
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					-
- 1.i.	Concrete batching plant	•	L			
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?				γ	
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1.				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?			_		
EM&A: A2	Are all the conveyor transfer points totally enclosed?		$\neg +$	十	- -	<u></u>

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
	Dredged Materials									
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?	$\sqrt{}$								
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?	\checkmark								
ŴМР	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		\checkmark							
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		\			-				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	\								
EM&A: E3	Are wastes disposed of at licensed sites?									
•	General refuse									
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?									
WMP	Is general refuse stored within receptacles and separated from chemical wastes?									
WMP	Is the refuse disposed of regularly and properly?		7							
WMP	Are burning of refuse at site and dumping at sea prohibited?	•	Z							
	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)?		i							

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?	\int					
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste*?	$\sqrt{}$					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?						
	Storage, collection and transportation of waste						
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?						
	(1) public fill materials for on-site reuse, or disposal at public filling area;		1				
	(2) reusable / recyclable materials;					•	
··· . · · · · · · · · · · · · · · · · ·	(3) un-reusable / non-recyclable waste for landfill disposal.	1			:		
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?						

WATER QUALITY

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

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

MARINE ECOLOGY

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

NOISE

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

Abbreviation				
VEP: WMP: Cap311R: Cap311O: Cap311: PNI/94: Unk:	Varied Environmenta Waste Management F APC (Construction D APC (Open Burning) Air Pollution Control Practice Note for Pro- Unknown	lan ust) Regulation Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Prainage)
Remark				
NIL.				
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Signatures	, <u></u>			
ET Member		Contractor's Repres	entative 🗻	
Gal	b	Ani wai	Kimp	
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11th November 2002

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

Inspection	date 16/7(63 Time (0-00 Inspect	ed By	ET:	4	aley	Chan
Site	LHX-Ste-Formation		Cont	гаск	or: ₩.	K. Hui
Weather			•			
Condition	Sunny Fine Overcast Hazy		Driz	zle	R	ain Stor
Temperatu	re \ C Humidity High Modera	te _	Lov	r		
Wind	Calm Light Breeze Strong		ţ			
GENERAL	•	• •				
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?	- 1	/	-	17 /	
AIR QUAL Ref.	A CONTRACTOR OF THE PROPERTY O	N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	peg				
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 in the notice, do the contractors notify EPD in the notice.		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ing and the second seco	*************************************
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		√			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	C-4-1-1-Cit-		<u>. </u>	<u>. </u>	<u>r_</u>	ł
EM&A:	Construction Sites					
	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			
	Are haul roads paved with concrete or sprayed with water to keep		/			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
_	Cement and dry pulverized fuel 2sh (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?	/				
C2p311R: 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?					
<u> </u>	Loading, unloading or transfer of dusty materials					· · · · · · · · · · · · · · · · · · ·
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		:			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles					- <u></u>
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					•
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		\checkmark	-		
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					,
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?				• (
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?		·			,
 -	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?				Ì	
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	1				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?					· <u>·</u>
EM&A:	Are all the conveyor transfer points totally enclosed?					

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
	Dredged Materials									
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?	$\sqrt{}$								
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?	\checkmark								
ŴМР	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		\checkmark							
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		\			-				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	\								
EM&A: E3	Are wastes disposed of at licensed sites?									
•	General refuse									
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?									
WMP	Is general refuse stored within receptacles and separated from chemical wastes?									
WMP	Is the refuse disposed of regularly and properly?		7							
WMP	Are burning of refuse at site and dumping at sea prohibited?	•	Z							
	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)?		i							

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?	\int					
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste*?	$\sqrt{}$					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?						
	Storage, collection and transportation of waste						
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?						
	(1) public fill materials for on-site reuse, or disposal at public filling area;		1				
	(2) reusable / recyclable materials;					•	
··· . · · · · · · · · · · · · · · · · ·	(3) un-reusable / non-recyclable waste for landfill disposal.	1			:		
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?						

WATER QUALITY

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

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

MARINE ECOLOGY

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

NOISE

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

Abbreviation			
VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Cons Unknown	EM&A: EM&A Manual (Construction NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance truction Site Drainage)	Phase)
Remark		, <u></u>	
NIL,			
•			
			
		,	
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			<u>.</u>
		•	٠.
Signatures			·
ET Member	Contractor's Represen	tative	

11th November 2002

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

Inspection	date 23/1163 Time 6-00 Inspect	ed By	ET:		uley or:	Chon
Site	LHX- Site Tormation					W- har Hee
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle	R	ain Sto
Temperat	ure 30 °C Humidity High ✓ Moderat	te	Lov	*		
Wind	Calm Light Breeze Strong				Ren	axt: Typhe
GENERAL						\$ 2i
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?	:	1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
IR QUAL	TTY	·		· · ·	- ;	
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 in the change?	2 12	Ĵ		TO THE	13 10 (10 (148) 10 (10 (148)
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			نـــا	r	<u> </u>
EM&A : A1	Are hand roads paved with concrete or sprayed with water to keep the entire road wet?		/	ļ		
	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?	\checkmark				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?					
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	\	!			
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	$\sqrt{}$				
	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?		/			
t, and	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?					
	I Company of the Comp				L	
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?				1. 1. 1. 1. 	15.
	enclosed?		e La la	1.2 1.2 1.2 2.4 2.4	\$6.70 \$6.70	[5] (1] [1] (1] (2] [1] (2] (3] (3] (4] (4] (4] (4] (4] (4] (4] (4] (4] (4
Sch 20(2) 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		1	1	1	E .
Sch 20(2) Cap311R: Sch 20(3) 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		1	1	1	E .
Sch 20(2) Cap311R: Sch 20(3) 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 mechanism to maintain the dropping height within 1 m?		1	1	1	E .
Sch 20(2) 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? Concrete batching plant Are the loading, unloading, handling, transfer or storage of any		1	1	1	E .
Sch 20(2) Cap311R: Sch 20(3) Cap311R: Sch 20(4) EM&A: A2 EM&A:	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		1	1	1	E .

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
- 1. 20.4	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydrosecded and planted as soon as possible?		ŕ			
Cap3110	Is open burning prohibited?		\mathcal{J}			
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?	./	7			
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					-
EM&A: E3	Are wastes disposed of at licensed sites?					
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?					
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?				-	
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
EM&A: E3	Are wastes disposed of at licensed sites?		ý 24 - 1 - 1	evî .e.		
	General refuse					
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	/				
WMP	Is the refuse disposed of regularly and properly?		1			
WMP	Are burning of refuse at site and dumping at sea prohibited?			<u> </u>		
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/	/			

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

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Surface Run-off		/		·	
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/	- #7 S	- , - ; - , - ;	100 की 100 की	
PN1/94 **	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	/		. 1	, ex exact c :	e .
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	/	•			
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	7	/			

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes schedu	uled to minimize noise nuisance?					
EM&A: C1	Are construction works or equiponuisance?	ment sited to minimize noise					
EM&A: C1	Are all plant and equipment mail conditions?	ntained in good operating					<u></u>
EM&A: CI/GP	Is idle equipment turned off or the	arottled down?					
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		1			
EM&A: C1)	Are construction works carried on nuisance?	ut in a manner to minimize noise					
EM&A: C2				/			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle	ion noise, is dredging equipment ers?	/				
NCO	Are valid construction noise per inspection?	mits, if required, available for	-	-/			
NCO	Are conditions of construction nerelevant part(s) of the works imp			1			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			1			
		☐ Traffic	Ø	Constr site	uctio	n activ	ities inside the
	Major noise source(s)	Construction activities	Others				

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

11th November 2002

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

Inspection d	ate 30/7/03 Time 14:00 Inspecto	ed By				S L1 K. Hui
Site	LMX - Site Formation	L				
Weather						
Condition	Sunny Fine Overcast Hazy		_	_	Ra	in Storm
Temperatu	re 31 °C Humidity High Moderat	e	Low	•		
Wind	Calm Light Breeze Strong		!			_
GENERAL		. •				
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		$\sqrt{}$			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V	<u>,</u>		
AIR QUALI	<u> </u>	N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition	IV/A		No	ОЦК	Remarks
	General Requirements Has the contractors notified EPD of the construction site which is	1		<u></u>	I	
Cap311R: 3	classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		V			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/			:	
	Construction Sites	•		•		
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/			
	Stockpiling of dusty materials					-
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	V				

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?	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					<u> </u>
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		:			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					
	Transfer of dusty materials using a belt conveyer system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally (enclosed?		yanna - San oo o			rana da sa
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 hottom plates are or similar means to prevent falling of materials from the return belts?	1	,	12.1	- 31 - 699 -	ig v ovid v office •
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					·
	Concrete batching plant				1	
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?			1		
EM&A: A2	Are dusty materials, except coment 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?	/		7		-
EM&A: A2	Are all the conveyor transfer points totally enclosed?			\dashv		

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous			-		
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/	•			-
Cap311O	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?		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?	/	7			
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	V	,			
em&a: e3	Are wastes disposed of at licensed sites?	V				
_	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	V		_		w. r
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?		/			tija (til) Jan
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	V	ia i ia ia jar	229	20	081
EM&A: E3	Are wastes disposed of at licensed sites?	1				
	General refuse	•	•	•	•	<u> </u>
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?	/	}		-	
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	V				- -
WMP	Is the refuse disposed of regularly and properly?	<u> </u>	/			
WMP	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/	}			

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
WDO	Has the Contractor been registered as a chemical waste producer?	/							
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/							
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste ¹⁷ ?	/							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?								
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	V							
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?								
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/	1						
	(2) reusable / recyclable materials;	./							
	(3) un-reusable / non-recyclable waste for landfill disposal.	/				<u> </u>			
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	1.				
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				· · · · · ·
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent crosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?			100 mg		
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?	V.				
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					-

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

MARINE ECOLOGY

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

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A:	Are working programmes schedu	led to minimize noise nuisance?					
EM&A: C1	Are construction works or equipment autisance?	nent sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/		:	
EM&A: CI/GP	Is idle equipment turned off or the	rottled down?				-	
EM&A: CI	Are methods of working devised a nuisance?	and arranged to minimize noise		\ \			
EM&A: C1)	Are construction works carried or nuisance?	nt in a manner to minimize noise		1			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	wing measures adopted?		/			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		V				
NCO	Are valid construction noise perminspection?	nits, if required, available for	•	V		·	
NCO	Are conditions of construction no relevant part(s) of the works impl	ise permits, if any, for the lemented accordingly?		1			
NCO	Are valid noise emission labels fi held percussive breakers?	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?					
		☐ Traffic	Ø	Const site	ructio	n activ	ities inside the
 ,	Major noise source(s)	Major noise source(s) Construction activities outside the site			s	_	

	Abbreviation					
	VEP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environment Waste Management APC (Construction of APC (Open Burning Air Pollution Contro Practice Note for Pro Unknown	Plan Dust) Regulation 3) Regulation	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Orainage)	
	Remark					
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11th November 2002