

Note : This form is designed for general use and may not be exhaustive. Modifications and additions may be necessary to suit individual projects and to address specific environmental issues and associated mitigation measures.

Project : Project contract no. CV/2006/01 Site Location : Stanley Bay

Construction stage / status during inspection : Phase 1 – Drainage & Road works

Inspection Date : 25 January 2006 Inspection Time : 0900 – 1500

Inspected by : CY Tam (Project Environmental Engineer) Weather : Dry & cold

Inspection Items	Implemented?		N/A	Remarks (i.e. specify location, good practices, problem observed, possible cause of nonconformity and/or proposed corrective/preventative actions)
	Yes	No*		
<b>1. Air Pollution Control</b>				
1.1. Are the construction sites watered to minimize dust generated?	✓			
1.2. Are stockpiles of dusty materials (size with more than 20 bags cement) covered or watered?	✓			
1.3. Cement debagging process undertaken in sheltered areas	✓			
1.4. Are all vehicles carrying dusty loads covered/watered over prior to leaving the site?	✓			
1.5. Are demolition work areas watered? (e.g. trimming activities by using breaker)			✓	
1.6. Are dusty roads paved and/or sprayed with water?	✓			
1.7. Are dust controlled during percussive drilling or rock breaking?			✓	
1.8. Are plant and equipment well maintained? (any black smoke observed, please indicate the plant/equipment and location)	✓			
1.9. Is dark smoke controlled from plant?	✓			
1.10. Are there enclosures around the main dust-generating activities? (e.g. grout mixing)	✓			
1.11. Hoarding (not <2.4m) provided along boundaries and properly maintained (any damage / opening observed, please indicate the location).	✓			
1.12. Are speed control measures applied? (e.g. speed limit sign)	✓			
1.13. Others (please specify)				

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<b>2. Water Pollution Control</b>				
2.1. Are water discharge licenses valid?	✓			
2.2. Are conditions of the license complied with? (check the monitoring records and observe physically)	✓			
2.3. Are wastewater treatment system being used and properly maintained on site? (e.g. desilting tank)	✓			
2.4. Are there any wastewater discharged to the stormdrains? Is the wastewater being treated?	✓			
2.5. Are measures provided to properly direct effluent to silt removal facilities? (e.g. provide earth bunds / U-channels)	✓			
2.6. Are u-channels and manholes free of silt and sediment?	✓			
2.7. Are sedimentation traps and tanks free of silt and sediment?	✓			
2.8. Are all manholes on-site covered and sealed?	✓			
2.9. Are sandbags/earth bund adopted to prevent washing away of sand/silt and wastewater to drains, catchpit, public road and footpath?	✓			
2.10. Are vehicles and plants cleaned before leaving the site?	✓			
2.11. Are wheel washing facilities well maintained to prevent overflow, flooding sediment?	✓			
2.12. Is sand and silt settled out in wheel washing bay and removed?	✓			
2.13. Is the public road/area around the site entrance and site hoarding kept clean and free of muddy water?	✓			
2.14. Is domestic water directed to septic tanks or chemical toilets?			✓	
2.15. Others (please specify)				

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<b>3. Noise Control</b>				
3.1. Is the CNP (Construction Noise Permit) valid for work during restricted hours?	✓			
3.2. Are copies of the valid Construction Noise Permits posted at site entrance/exit?	✓			
3.3. Do air compressors and generators operate with doors closed?	✓			
3.4. Is idle plant/equipment turned off or throttled down?	✓			
3.5. Do air compressors and hand-held breakers have valid noise emission labels (NEL)?	✓			
3.6. Any noise mitigation measures adopted (e.g. use noise barrier / enclosure)?	✓			
3.7. Are silenced equipments utilized?	✓			
3.8. Others (please specify)				
<b>4. Waste Management</b>				
4.1. Is the site kept clean and tidy? (e.g. litter free, good housekeeping)	✓			
4.2. Are separate chutes used for inert and non-inert wastes?	✓			
4.3. Are separated labelled containers / areas provided for facilitating recycling and waste segregation?	✓			
4.4. Are construction wastes / recyclable wastes and general refuse removed off site regularly?	✓			
4.5. Are construction wastes collected and disposed of properly by licensed collectors?	✓			
4.6. Are chemical wastes, if any, collected and disposed of properly by licensed collectors?	✓			
4.7. Does chemical waste producer license covers all major chemical wastes produced on site?	✓			
4.8. Are chemical wastes properly stored and labelled?	✓			
4.9. Are oil drums and plants/equipments provided with drip trays?	✓			

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4.10. Are drip trays free of oil and water?	✓			
4.11. Is there any oil spillage? Clean-up the contaminated soil immediately?	✓			
4.12. Is litter, foam or other objectionable matters in nearby water drain/sewer cleaned?	✓			
4.13. Are asbestos wastes handled by registered professionals?	✓			
4.14. Others (please specify)				
<b>5. Storage of Chemicals and Dangerous Goods</b>				
5.1. Are chemicals stored and labelled properly?	✓			
5.2. Does storage of DG comply with license conditions (include types and quantities if DG store is available, check the DG store license)?			✓	
5.3. Are proper measures to control oil spillage during maintenance or to control other chemicals spillage? (e.g. provide drip trays)	✓			
5.4. Are spill kits / sand / saw dust used for absorbing chemical spillage readily accessible?	✓			
5.5. Others (please specify)				
<b>6. Protection of Flora, Fauna and Historical Heritage</b>				
6.1. Are disturbance to terrestrial flora minimized (e.g. plants to be preserved)?	✓			
6.2. Are disturbance to terrestrial fauna minimized (if rare species identified)?	✓			
6.3. Any historical heritage exists on site? If yes, ensure appropriate measures taken to preserve it			✓	
6.4. Others (please specify)				
<b>7. Resource Conservation</b>				
7.1. Is water recycled wherever possible for dust suppression?	✓			

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7.2. Is water pipe leakage and wastage prevented?	✓			
7.3. Are diesel-powered plants and equipments shut off while not in use to reduce excessive use?	✓			
7.4. Are energy conservation practices adopted?	✓			
7.5. Are metal or other alternatives used to minimize the use of timber?	✓			
7.6. Are materials stored in good condition to prevent deterioration and wastage (e.g. covered, separated)?	✓			
7.7. Are pesticides used under the requirement of Agriculture, Fishers and Conservation Department?	✓			
7.8. Others (please specify)				
<b>8. Emergency Preparedness and Response</b>				
8.1. Are fire extinguishers / fighting facilities properly maintained and not expired? Escape not blocked / obstructed?	✓			
8.2. Are accidents and incidents reported and reviewed, and corrective & preventive actions identified and recorded?	✓			
8.3. Others (please specify)				

\*Any "No" recorded represents the potential breach of regulation or improvement needed and details of nonconformity (NC) shall be recorded in the **Remarks**.

\* Report NC in the following forms. Each NC should make reference into the checklist as coded. The responsible personnel shall identify the root cause of NC and adopt appropriate corrective and preventive actions (CPA) for mitigation. Confirmation of the effectiveness of the CPA shall be verified by Project Manager within an agreed time.

Signature of Site Inspector  Date 5 Jan 2006

Reviewed by Project Manager  Date 7 Jan 2006

**Improvement Request:**

Project \_\_\_\_\_ Site Location \_\_\_\_\_  
Inspection Date \_\_\_\_\_ Inspected by \_\_\_\_\_

NC Reference	
Description of NC	
Root cause of NC	
CPA adopted Target completion date	
Verified by PEO (Date)	

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