**Site Safety Environmental Inspection Check Sheet**

**Remarks**

(i.e. specify location, good practices, problem observed, possible cause of nonconformity and/or proposed corrective/preventative actions). Additions may be necessary to suit individual projects and to address specific environmental

Any “Negative” recorded represents the potential breach of regulation or improvement needed and details of nonconformity

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.

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| SITE ENVIRONMENTAL INSPECTION CHECK SHEET  Project/Job: Date: | | | | |
| Site: | | | Inspector: | |
| ENVIRONMENTAL IMPACT | OK | Risk/Hazard  Condition | Recommended Corrective action | Date completed |
| **1. Air Pollution Control**  **1.1.** Are the construction sites watered to minimize dust generated?  **1.2.** Are stockpiles of dusty materials covered or watered?  **1.3**. Are all vehicles carrying dusty loads covered/watered over prior to leaving the site?  **1.4.** Are dusty roads paved and/or sprayed with water?  **1.5**. Are dust controlled during  percussive drilling or rock  breaking?  **1.6.** Are plant and equipment well maintained? (any black smoke observed, please indicate the plant/equipment and location)  **1.7.** Is dark smoke controlled from plant?  **1.8**. Are there enclosures around the main dust-generating activities?  (e.g. grout mixing)  **1.9.** Hoarding (not <2.4m) provided along boundaries and properly maintained (any damage / opening observed, please indicate the location).  **1.10**. Are speed control measures applied? (e.g. speed limit sign)  **1.11.** Others (please specify) |  |  |  |  |
| **2. Water Pollution Control**  **2.1**. Are water discharge licenses valid?  **2.2**. Are conditions of the license compiled with? (check the monitoring records and observe physically)  **2.3**. Are wastewater treatment system being used and properly maintained on site? (e.g. de-silting tank)  **2.4.** Are there any wastewater  discharged to the storm drains?  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, catch-pit, 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) |  |  |  |  |
| **3. Noise Control**  **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 handheld 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) |  |  |  |  |
| **4. Waste Management**  **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 labeled 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 labeled?  **4.9**. Are oil drums and plants / equipments provided with  drip trays?  **4.10**. Are drip trays free of oil and water?  **4.11**. Is there any oil spillage? Cleanup 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) |  |  |  |  |
| **5. Storage of Chemicals and Dangerous Goods**  **5.1.** Are chemicals stored and labeled 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 and MSDS availability)?  **5.3**. Are proper measures to control oil spillage during maintenance or to control other chemicals spillage? (e.g. provide drip trays, bunding)  **5.4**. Are spill kits / sand / saw dust used for absorbing chemical spillage readily accessible?  **5.5.** Others (please specify) |  |  |  |  |
| **6. Protection of Flora, Fauna and Historical Heritage**  **6.1.** Are disturbance to terrestrial flora minimized (e.g. plants to be preserved - marked)?  **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) |  |  |  |  |
| **7. Resource Conservation**  **7.1.** Is water recycled wherever possible for dust suppression?  **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) |  |  |  |  |
| **8. Emergency Preparedness and Response**  **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) |  |  |  |  |
| COMMENTS: | | | | |
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