



**CONSTRUCTION ENVIRONMENTAL  
MANAGEMENT PLAN - CEMP**

**KRISHNAJI PAWAR**, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP  
ENVIRONMENTAL SPECIALIST COURSE



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**EMERGENCY AND INCIDENT  
RESPONSE PLAN**

**FOR ENVIRONMENTAL PROFESSIONALS**

**KRISHNAJI PAWAR**, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP  
ENVIRONMENTAL SPECIALIST CURRICULUM



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**WHAT SHOULD YOU LEARN**



The purpose of this chapter is to guide the Contractor and sub-contractors to the procedure to report on and investigate environmental incidents during the construction works.

**Environmental Incidents**

**Emergency Preparedness**

**Incident Response Procedure**



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## ENVIRONMENTAL INCIDENTS



An environmental incident is any event that causes (or is likely to cause) negative impacts on the environment, where that activity's environmental impact has not been previously identified and addressed through other approved environmental management measures (such as an EIA, SEA, CEMP or NOC).

Examples of environmental incidents include:

- a) Fuel spills onto unsealed ground, during routine fuelling of trucks and vehicles;
- b) Incorrect disposal of hazardous waste (such as chemical residues);
- c) Covering contaminated soil with clean soil;
- d) Causing injury or death to land or marine animals;
- e) Oil spill to marine waters; f) Dewatering discharge without an NOC; and
- f) Discovery of heritage artefacts during earthworks.



## EMERGENCY PREPAREDNESS



Contractors must identify and be prepared for incidents that present a higher environmental risk (emergencies) at the construction site, to enable an effective response.

For long-term or complex construction activities, the contractor must carry out and document an environmental risk assessment to determine higher risk incidents or emergencies at the particular site location. The risk assessment must consider the likelihood of an incident occurring and the magnitude of the effect if it were to occur (for example, is the project site located adjacent to water bodies or other sensitive receivers?). The risk assessment should be included in the contractor's CEMP.

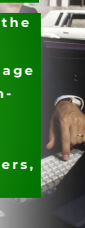


## ENVIRONMENTAL INCIDENT INVESTIGATION AND REPORTING



All personnel, including sub-contractors, are responsible for reporting observed emergency incidents. After emergency measures have been implemented, further investigation will occur, which will involve the following process:

- ✓ Identify any legislative compliance issues associated with the environmental incident or non-conformance.
- ✓ Identify the root cause and take appropriate action to manage the resulting environmental impact from the incident or non-conformance.
- ✓ Initiate any corrective and preventative actions.
- ✓ Confirm effectiveness of actions, including reference numbers, issuance dates, expiration dates and application dates.



## HANDLING COMPLAINTS



All complaints from the public or neighbours relating to environmental matters will be managed as follows:

- ✓ Details of the complaint will be recorded in a complaints register, and updated as necessary; The complaint will be investigated.
- ✓ The investigation will identify appropriate corrective actions, the responsible parties/person to complete the corrective actions, and due date for completion;
- ✓ The complainant will be updated regularly, until the time follow-up action on a complaint is deemed complete; and the complaint will be signed-off as complete by the contractor's project manager, once the matter has been satisfactorily addressed.



## HANDLING COMPLAINTS +



The complaints register will record the following details:

- ✓ Date and time of complaint;
- ✓ Name of person/ company making the complaint;
- ✓ Contact telephone number for the complainant;
- ✓ Details of the complaint;
- ✓ Details of action taken; and project manager, once the matter has been satisfactorily addressed.



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