



Environmental Management Plan
EMP-MAN-001

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**Environmental
Management Plan**

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Environmental Management Plan

Scope

Environmental Aspects and Impacts

- ⇒ Environmental Site Assessment Checklist
- ⇒ Environmental Aspects and Impact Register

Environmental Monitoring and Audit Plan

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- ⇒ Noise Pollution
- ⇒ Dangerous Goods / Hazardous Substances
- ⇒ Risk of Fire
- ⇒ Waste Minimisation
- ⇒ Reuse and Recycling

Legal and Regulatory Matters

Emergency Preparedness

Administration

- ⇒ Records
- ⇒ Audits
- ⇒ Training and Induction
- ⇒ Nonconformances

1.0 Scope

This environmental management plan is designed to ensure compliance with all Commonwealth, State and Local Council requirements pertaining to construction.

The scope of work undertaken by B.I.G. Carpentry shall include the following activities:

- Demolition
- Construction
- Regeneration

2.0 Environmental Aspects and Impacts

An environmental site assessment checklist shall be used as the tool to identify risks to the environment associated with the scope of the work being undertaken by B.I.G. Carpentry or its subcontractors.

A site environmental assessment has been undertaken and the aspects (environmental risks) and their likely impact associated with the site have been included on this register.

The significant environmental impacts identified at the site are as follows:

- ⇒ *hazardous substances spills*
- ⇒ *risk of fire from combustion of windrows*
- ⇒ *noise control during peak periods of work, especially if significant night work is undertaken*
- ⇒ *vibration of some plant*
- ⇒ *dust emissions on windy days*
- ⇒ *visible smoke emissions from site vehicles and plant (mobile)*
- ⇒ *litter control*
- ⇒ *recycling and reuse of waste*

3.0 Environmental Monitoring and Audit Plan

The OHSE manager shall monitor the environmental management of aspects on site.

In support of the environmental monitoring and audit plan, The OHSE Environmental Representative on site shall observe and record general observations and activities associated with the environment;

- during unusual or extreme weather conditions at time of any work activities
- when work is undertaken in close proximity to stormwater drains or any natural water courses
- when the likelihood of air quality may be affected
- should noise from plant or other activities impose a risk, particularly at night,
- when there is a risk of fire, or
- where the Aspects and Impacts Register identifies a risk that requires monitoring

➡ *Emissions – Hazardous Substances*

All employees shall ensure that any chemicals, oils, hazardous waste products or any foreign matter is not discharged into surface or groundwater.

All contingency plans shall have in place plans for the management of spills or leakage of hazardous substances should they occur.

Should any of the above mentioned be spilt, contingency plans shall be in place to have the any potential runoff be confined within the spilt area on site until the incident can be effectively managed.

➡ *Air Quality*

B.I.G. Carpentry shall comply with all emission limits in the State Environment Protection Policy (Air Quality).

➡ *Noise Pollution*

B.I.G. Carpentry and their subcontractors shall undertake plant risk assessments, including noise management, prior to moving any mobile plant or equipment onto site.

➡ *Dangerous Goods and Hazardous Substances*



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Storage of chemicals and fuels shall be kept to a minimum and contained in appropriate storage areas, accompanied by relevant MSDS and PPE requirements as well as spill containment kits.

➡ ***Risk of Fire***

Appropriate fire management controls, including trained personnel and fire fighting equipment shall be available in case of an emergency.

Emergency evacuation plans including muster points will be displayed throughout the construction site(s)

➡ ***Waste Management and Minimisation***

The OHSE manager shall ensure all waste is managed in accordance with the Industrial Waste Management Policy for Prescribed Industrial Waste.

B.I.G. Carpentry shall not reuse, recycle, use as a source of energy, store, transport, treat or reprocess waste in any way or form that may result in an unfavourable environmental impact.

B.I.G. carpentry shall not establish any waste/refuse dump or other solid or liquid waste disposal on site.

The OHSE manger shall take all reasonable precautions to ensure that all industrial prescribed waste transported form the site is done so in a licensed vehicle with a valid EPA permit.

4.0 Legal and Regulatory Matters

Legal obligations in relation to the environment shall include obligations relating to the following Acts and Regulations:

- ⇒ NT Workplace Health and Safety Act
- ⇒ NT workplace Health and Safety Regulations
- ⇒ Waste Management and Pollution Control (Administration) Regulations
- ⇒ Environment Protection and Biodiversity Conservation Act

5.0 Emergency Preparedness

B.I.G. Carpentry shall ensure all employees and subcontractors are aware of the prime contractors emergency preparedness plan and procedures on site.

The emergency evacuation process, the emergency fire fighting system and the emergency plans for spillage containment shall be included in all site inductions.

6.0 Administration

➔ Records

The Aspects and Impact Register shall be maintained on site and include the following information:

- identified environmental risks (aspects) and their controls
- responsibility for actioning
- records of actions having been taken.

➔ Audits

An audit of the environmental system shall be incorporated into the site safety audits undertaken by the OHSE Representative. Should an environmental incident occur which has significant impact on the environment, including long term damage; a separate audit will be performed by an independent environmental auditor and provided to the client for review and appropriate actioning. Records of audits and monitoring shall be kept.

➔ Training and Induction

Environmental awareness education and training in site requirements is included in the site induction at the commencement of the project and on an as needs basis for new employees as appropriate to the contract.

Subcontractor training and induction will follow that of staff.

➔ Nonconformance

Corrective actions associated with the environmental management system will be taken within 7 days of receipt of the Corrective Action Request. The Corrective and Preventive Action Procedure as issued in the quality management system is used for managing environmental corrective actions.