



New Ingenuity Group

Environmental awareness Material training register

Make use of natural, non-reflective, earthy materials rather than high-tech reflective materials.

Establish and maintain site demarcations for the duration of the construction phase. Ensure that materials do not blow or move outside of the demarcation line.

Clearly indicate which activities are to take place in which areas within the site e.g. the mixing of cement, stockpiling of materials etc. Limit these activities to single sites wherever possible

Ensure that concrete and cement works are undertaken in specified areas only.

Ensure that all operations that involve the use of cement and concrete are carefully controlled. Water and slurry from concrete mixing operations must be contained to prevent pollution of the ground surrounding the mixing points.

Use plastic trays or liners when mixing cement and concrete: Do not mix cement and concrete directly on the ground.

Excess concrete from mixing must be deposited in a designated area awaiting removal to an approved landfill site.

Petroleum, chemical, harmful and hazardous materials must be stored in enclosed, banded areas. The banded areas shall be clearly marked.

Stockpiles, storage and handling

Conserve topsoil through pre-emptive stripping and stockpiling prior to the commencement of works in any area, pending reapplication during rehabilitation.

- Strip topsoil together with grass / groundcover from all areas where permanent or temporary structures are located, construction related activities occur, and access roads are to be constructed.
- Topsoil is to be handled twice only - once to strip and stockpile, and secondly to replace, level, shape and scarify.
- Co-ordinate works to limit unnecessarily prolonged exposure of stripped areas and stockpiles. Retain vegetation and soil in position for as long as possible, removing it immediately ahead of construction / earthworks in that area.
- Do not strip topsoil when it is wet.
- Topsoil stockpiles must be positioned/ stored in approved locations only.
- Topsoil stockpiles may not exceed 2 m in height and should be protected from erosion



- Do not disturb, compact or disrupt topsoil stockpiles, and ensure that nothing is stored on them;
- Regular weeding of stockpiles must occur to ensure that no invasive or alien plant species are established.
- Topsoil stockpiled for extended periods of time must be revegetated with indigenous grasses.
- Topsoil is to be replaced along the contour.

Attendance: Environmental Induction

[illegible]