

# Methodology

## General

Polyflor has assessed its operations and as a result has identified environmental impacts of the business.

## Responsibilities

It is the responsibility of Polyflor Senior Management to systematically examine their business operations and identify possible and actual effects on the environment.

## Control Measures

- Internal procedure titled “Environmental Aspects Identification and Assessment”.
- Register of Environmental Aspects.
- Environmental Aspects Identification and Assessment Form.
- Register of legal requirements.
- Environmental Objectives.

## Identification of Environmental Aspects

Polyflor has identified 18 non-significant aspects and 15 significant aspects.

Identification of all Environmental Aspects give consideration to the following:-

- Possible and actual effects on the environment.
- Type of activities carried out.
- Use of materials and utilities.
- Generation of solid and liquid waste.
- Discharges to sewer or surface waters.
- Emissions to atmosphere.
- Energy consumption.
- Transport and distribution.
- Noise emissions.
- Packaging.
- Housekeeping and visual impacts.
- Effect of fire.
- Effect of flooding.
- Electrical failure.
- Spillages on site.

## Significant Environmental Aspects

- EA8 Transport of goods and materials to the Polyflor site.
- EA9 Energy Use - steam generation.
- EA10 Emissions to air from safety flooring manufacture.
- EA12 Environmental noise and vibration from site.
- EA13 Generation of waste for off-site disposal or reclamation.
- EA14 Disposal of foul water.
- EA17 Packaging of final product.
- EA18 Distribution of product from site.
- EA24 Effect of liquid spillage from site.
- EA25 Use of cooling towers on site.
- EA26 Presence of asbestos in building materials on site.
- EA27 Presence of chiller systems.
- EA33 Demolition and building on site.
- EA36 Climate change and energy.
- EA37 Water abstraction.

## Assessment of Significance

Environmental Aspects are assessed on the basis of environmental risk.

The severity score will be given a score based on the following:-

1-4 = Trivial effect.

5-8 = Minor effect.

9-12 = Major effect.

The likelihood will be given a score based on the following:-

1 = Improbable occurrence.

2 = Possible occurrence.

3 = Occasional occurrence.

4 = Regular occurrence.

The significance is calculated from multiplying the severity by the likelihood.

An aspect is considered significant if the significance score is greater than 25.

## Environmental Aspect Identification and Assessment Form

Each aspect identifies the following criteria.

- Description of the area of activity.
- Description of the environmental impact.
- Specific activities associated with impacts.
- Mitigation strategies (objectives).
- Legal requirements.

## Review of Environmental Aspects

Environmental aspects are reviewed periodically by senior management to assess the following:-

- Progress of associated objectives and targets.
- Associated activities.
- Necessary updates / changes.
- Need for identification of new aspects.
- Significance Score.

## Auditing of Environmental Aspects

All significant aspects are audited to ensure:-

- Compliance to legal requirements.
- Compliance to our company management system requirements.
- Compliance to ISO 14001 requirements.