Environmental Aspects

ISO 14001:2026 | Clause 6.1.2

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1.2 Application & Scope

This procedure describes the steps that our organization takes to ensure so far as is reasonably practicable that environmental aspects are identified, assessed and controls implemented to reduce or eliminate significant aspects as far as is reasonably practicable. Consideration of past activities, current activities and new customer requirements are taken into account.

1.3 Roles, Responsibilities & Authorities

Regardless of the scope, roles and responsibilities are agreed by Top management and incorporated into existing job descriptions and included in yearly objectives. All roles and designated person(s), team(s), or group(s) are clearly communicated across our organization in order to encourage or improve collaboration and cooperation for cross-functional process activities.

1.3.1 Roles & Responsibilities

The roles and responsibilities associated with the environmental aspect management process are defined in the context of the management function and are not intended to correspond with organizational job titles. A role refers to a set of connected behaviours or actions that are performed by a person, team or group in a specific context.

1.3.1.1 Top Management

Top management will review and approve the Aspect Identification Register (F0613-01) as part of the management review process:

1. Prepare a list of activities that can be controlled or influenced is established;
2. Prioritizing issues that could affect intended outcomes:
    - Enhancement of environmental performance;
    - Fulfilment of compliance obligations;
    - Achievement of environmental objectives;
    - Plus, any additional objectives that we set for ourselves.
3. Ensuring a life cycle perspective as well as normal, abnormal and emergency conditions are considered.

1.3.1.2 EMS Manager

The EMS Manager and Process Owners actively identify aspects and mitigate significant impacts associated with their activities with the goal of achieving sustained benefit within that activity:

1. Identification of activities, environmental aspects and significant impacts, considering a life cycle perspective where feasible, within their department;
2. Applying criteria to assess each activity and associated environmental aspects and impacts within each Department;
3. Assisting Departments within the EMS with identifying risks, opportunities, activities, environmental aspects and impacts;
4. Assisting Departments in applying significant aspect criteria to the aspects identified for each activity;
5. Maintaining a comprehensive list of significant impacts;
6. Maintaining a variety of tools and guidance documents for use by Departments;
7. Auditing each department's aspects and impacts process.

1.3.1.3 Line Managers and Department Managers

Line Managers and Department Managers are responsible for:

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- Identifying associated environmental impacts inherent to our products, activities, and services;
- Evaluating the significance of each aspect;
- Considering the lifecycle perspective with respect to:
    - Environmental impacts within the supply chain;
    - Environmental impacts associated with product use;
    - Environmental impacts of end-of-life treatment and/or disposal;
    - Consideration of the lifecycle perspective of procured goods and services.
- Maintaining documented information regarding environmental aspects and significant impacts.

1.4 Environmental Aspect Process

1.4.1 General

All business activities are assessed to ensure that any changes to processes and operations do not result in significant environmental aspects. On occasions where our organization does not have a degree of control or influence over the environmental aspect, details are recorded in the Aspect Identification Register (F0613-01) for management review.

Environmental aspects are identified by taking into account all business activities to ensure that all resulting impacts that result from our processes, activities and operations are identified and assessed. Where reasonable, both direct and indirect significant impacts are considered for mitigation and are recorded in the Aspect Identification Register (F0613-01).

1.4.2 Identifying Aspects

Prior to populating the register, the EMS Manager should use the Aspect Identification Worksheet (F0612-02) to facilitate a cross-functional lifecycle workshop. The worksheet provides a structured format for systematically identifying all activities, products, and services within the process area under review, and for capturing the associated environmental aspects and potential impacts across normal, abnormal, and emergency operating conditions. Completed worksheets are then used to populate the Aspect Identification Register (F0612-01) for significance scoring.

Using the Aspect Identification Register (F0613-01) the EMS Manager and Process Owners identify all raw materials, chemicals and utilities that are used as process inputs and all outputs such as products, services and by-products that are associated with our operations giving due consideration to normal, abnormal operating conditions, startup, shutdown, and foreseeable emergency situations.

Outputs are considered as products, the waste produced, levels of recycled materials, quantities of water discharge and air emissions for each process or activity.

For each aspect entry, the EMS Manager must also populate the Lifecycle Stage field (column G of the Aspect Identification Register (F0613-01)) with the relevant phase: Production, Design, Procurement, Use, or Disposal. ISO 14001:2026 Clause 6.1.2 requires a lifecycle perspective; this field is the documented evidence that the lifecycle stage has been considered for each aspect and it drives the Lifecycle Stage filter tabs in the Environmental Aspects Dashboard.

Following the identification of environmental aspects, their impacts on the environment are calculated and an impact rating is assigned. All of the organization's activities are considered when identifying actual and potential environmental aspects whilst taking account of:

1. Past environmental incidents;
2. Air emissions to atmosphere;

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3. Water usage and discharges to surface water groundwater and sewers;
4. Land contamination caused by spillages, etc.;
5. The production, re-use, recycling and disposal of controlled and special wastes;
6. The storage and management of materials;
7. Activities upon local ecology of operations, sites and premises;
8. Environmental noise;
9. Energy use and management;
10. Use of transport and vehicles;
11. Legal issues and other requirements;
12. Raw materials and packaging;
13. Office activities;
14. Landscaping and infrastructure;
15. Other relevant issues such as odors, particulates, lighting and pests.

When identifying inputs and outputs, the EMS Manager considers all modes of operation since start-up, shutdown, or emergency operations might introduce additional environmental aspects into our processes.

To assist in determining environmental aspects, activity charts, flow charts, interviews, and lists are used with the personnel conducting the activity. A listing of environmental aspects and their associated environmental impacts is provided below:

Environmental Aspect	Environmental Impact
Water consumption	Use of natural resources
Material consumption	Use of natural resources
Energy consumption	Use of natural resources
	Degradation of air quality
Waste generation	Reduction of landfill space
Air emissions	Degradation of air quality
	Degradation of ozone or contribution to climate change
	Degradation of worker/community health
Accidental discharges (spills/leaks)	Degradation of soil, water, and/or sediment quality
Stormwater/surface water discharges	Degradation of water quality
Wastewater generation and disposal	Degradation of water and air quality
	Degradation of public health
Habitat quality/quantity	Habitat and species sensitivity
Land utilization	Aesthetics and community environment
Generation of noise	Degradation of Worker/community Health
Recycling	Preservation of Landfill Space
Exposures/injuries	Degradation of worker/community health
Groundwater discharges	Degradation of water quality
Lead or asbestos	Degradation of worker/community health
	Reduction of landfill space
Generation of Dust	Degradation of air quality
	Degradation of worker/community Health

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