

EMS Tool 3

Identifying Environmental Aspects

Instructions:

This EMS Tool is used to identify the environmental aspects for each operation described on the table in EMS Tool 2.

1. For each activity, product and service identified, list all environmental aspects associated with that activity, product or service

“An Environmental Aspect is an element of an organizations operations (activities, products and services) that can interact with the environment.”

2. For each activity, product or service, there may be more than one aspect. In defining aspects consider interactions that creates release into the environment, involving:
 - Air emissions
 - Releases to water
 - Solid waste management
 - Contamination of landor which uses materials, resources (e.g., water), energy, including:
 - Use of raw materials and natural resources
3. Using an input/output diagram for each activity can help - see attached

List of Example Aspects

Note: Each aspect should be associated with a specific activity

- Fuels
- POTW discharge
- Biosolids
- CFCs / HVAC refrigerants
- Paint waste
- Chemical containers
- Solvents
- Stack emissions
- Biohazardous /medical waste
- Pesticide
- Water use
- Electricity use
- Food container disposal
- Food disposal
- Cardboard scrap
- Metal scrap
- Compressed gasses
- Propane
- Waste oil & lubricants
- Oil mist from equipment

ISO 14001:

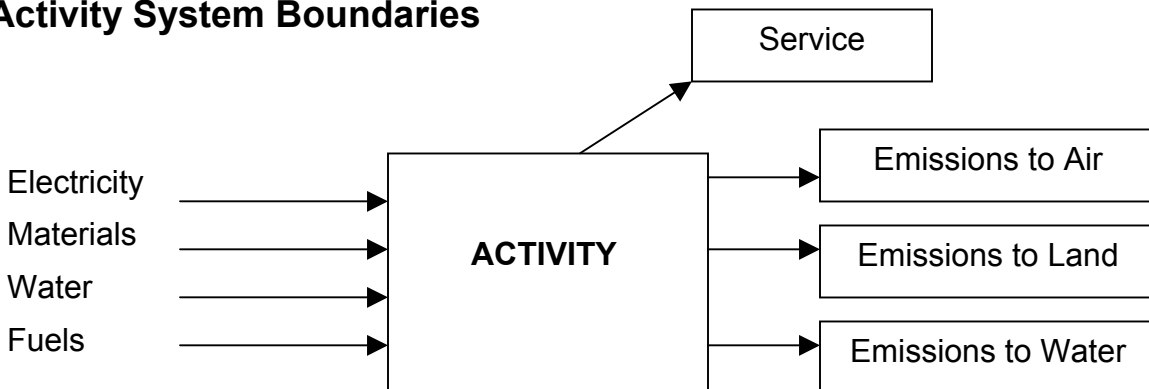
Environmental Aspect: “An element of an organization’s activities, products or services that can interact with the environment.”

Example: Activity: Electroplating

Aspects:

1. Energy Consumption
2. Wastewater Production
3. Fugitive Air Emissions
4. Use of Plating Materials
5. Sludge Production

Activity System Boundaries



EMS Tool 3: List of Environmental Aspects for One Activity

Municipality: _____

Prepared by: _____

Date: _____

Activity: _____

Use the categories defined in the table to list all Environmental Aspects for the Activity named above:

Inputs: What are the interactions occurring or done that use:
Electricity:
Materials:
Water:
Fuels:
Other:
Emissions: What are the interactions occurring or done that create releases to:
Air:
Water:
Land:
Other: (e.g. noise/odor):
Outputs: What are the interactions occurring or done by the resulting product/service:
Service:
Product:

Note: Complete a separate Aspects List for each Activity identified within your EMS Boundary.