



## **Energy and Sustainability Topics – Aspects checklist for Environmental Management Systems**

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# Energy and Sustainability Topics – Aspects checklist for Environmental Management Systems

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## Contents:

|                                    |          |
|------------------------------------|----------|
| <b>Aspects checklist</b>           | <b>2</b> |
| 1. Resource use: .....             | 2        |
| 2. Mains water use:.....           | 2        |
| 3. Other water use: .....          | 2        |
| 4. Energy use: .....               | 2        |
| 5. In-process losses: .....        | 2        |
| 6. Waste disposal (on-site): ..... | 2        |
| 7. Solid/liquid waste: .....       | 2        |
| 8. Storage: .....                  | 3        |
| 9. Water pollution: .....          | 3        |
| 10. Emissions to air:.....         | 3        |
| 11. Noise: .....                   | 3        |
| 12. Land contamination: .....      | 3        |
| 13. Product use and disposal:..... | 3        |
| 14. Transport:.....                | 3        |
| 15. Visual: .....                  | 3        |
| 16. Local environment: .....       | 3        |

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## Aspects checklist

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Use this checklist to identify the environmental aspects of a company, site, building, department or operation, e.g., if a department uses water for cooling, then tick the relevant box.

**Process area:** \_\_\_\_\_

### 1. Resource use:

- Raw materials
- Packaging
- Consumables
- Personal protective equipment
- Chemicals

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### 2. Mains water use:

- Process water
- Cooling water
- Domestic
- Other

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### 3. Other water use:

- Borehole
- Rainwater

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### 4. Energy use:

- Electricity
- Gas
- Heating oil
- Compressed air losses (electricity)
- Parasitic heat gain
- Vehicle fuel

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### 5. In-process losses:

- Regrind
- Start-up scrap
- Sprues and runners
- Overweight product

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### 6. Waste disposal (on-site):

- Incineration
- Waste treatment
- Effluent treatment

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### 7. Solid/liquid waste:

- Controlled waste
- Special waste
- Packaging waste
- Cleaning waste
- Oils and hydraulic fluids
- Other

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## 8. Storage:

Hazardous materials  
Transit packaging  
Packaging waste

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## 9. Water pollution:

Release to surface waters  
Release as trade effluent  
Release to stormwater  
Domestic sewage  
Potential for spillages (pellets and product)

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## 10. Emissions to air:

Odours  
Dust  
Fumes  
Particulates  
Vapours  
Gases

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## 11. Noise:

Detectable at site boundary

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## 12. Land contamination:

From past use  
Potential from spillages

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## 13. Product use and disposal:

Re-usable  
Recyclable  
Hazardous waste generated  
Packaging

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## 14. Transport:

Raw materials to the site  
Products to customers

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## 15. Visual:

Impact of buildings, operations

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## 16. Local environment:

SSSIs  
Natural habitats  
Water courses  
Public footpaths

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