

# **Awareness Programme For Aspects Identification and Impact Assessment**

## **Environmental Aspects**

Clause Ref : 6.1.2

The organization shall establish, implement and maintain a procedures

- a) to identify the environmental aspects of its activities, product and service within the defined scope of the environmental management system that it control and those that it can influence taking into account planned or new development or new or modified activities, products and services, and
- b) to determine those aspects that have or can have significant impacts on the environment (i.e. significant environmental aspects)

The organization shall document this information and keep it up to date.

The organization shall ensure that the significant environmental aspects are taken into account in establishing, implementing and maintaining its environmental management system.

## Definition of Environmental Aspect

element of an organization's activities or products or services that can interact with the environment

## Definition of Environment

Surroundings in which an organization operates, including air, water, land, natural resources, flora, fauna, humans, and their interrelation.

## Definition of Environmental impact

any change to the environment whether adverse or beneficial , wholly or partially resulting from an organization,environmental aspects

Activity

Aspect

Impact

# Machining (Activity )



(Aspect)

Wastage of Electricity

Resource Depletion  
(Impact)

Air Pollution (Impact)

Smoke (Aspect)



Sound (Aspect)

Noise Pollution (Impact)



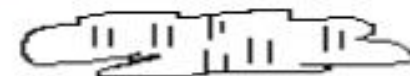
Air Leakages (Aspect)

Resource Depletion (Impact)



Spillage of Oil Lubricant (Aspect)

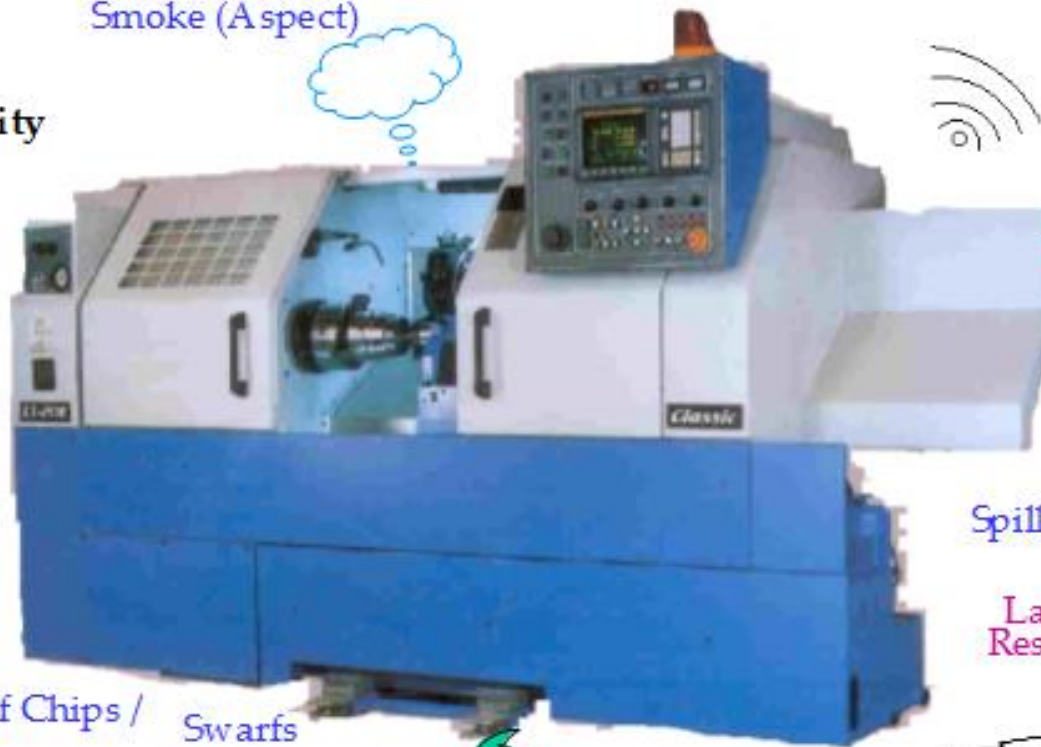
Land Contamination (Impact)  
Resource Depletion (Impact)



(Aspect)

Generation of Chips / Swarfs

Land Contamination (Impact)  
Resource Depletion (Impact)



Activity

Aspect

Impact

Example : Car driving (activity).

Fuel Consumption (Aspect)  
Resource Depletion (Impact)



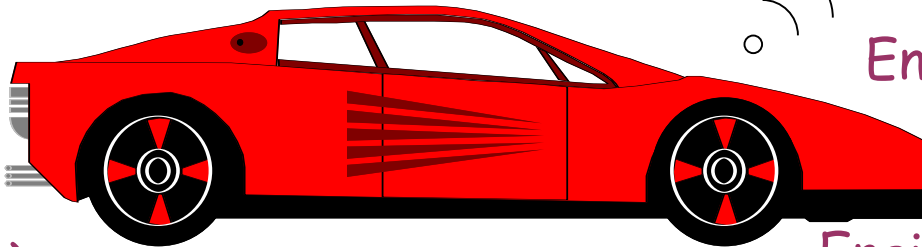
Air pollution (Impact)



Noise pollution (Impact)

Engine sound (Aspect)

Emission (Aspect)



Engine oil spillage (Aspect)

Land /water contamination (Impact)





<b>S.No.</b>	<b>Condition</b>	<b>Typical Examples of “E” – Aspects</b>
<b>1.</b>	<b>Normal</b>	<b>Stack Emission, Effluent generation vibration (noise), use of energy &amp; water ,waste generation, blow downs, radiation etc.</b>
<b>2.</b>	<b>Abnormal</b>	<b>Leakage, Spillage, Excess Vibration (noise), Excess Emission, and discharges etc.</b>
<b>3.</b>	<b>Emergency</b>	<b>Fire/ Basting of tank/ Pipe Lines, hoses etc. Toxic gas vapour releases, accidents, explosions, storm, land slide, earth quakes, floods and other such natural calamities.</b>