



Pollution Control

Prepare: Quiet location? No distractions? Talk aids ready?

Reason: In recent years there has been increased attention to pollution control.

Why: Lack of control leads to harm to persons and to the environment.

Outline: This talk will cover sources of pollution and ways in which operatives can ensure that they do not contribute to pollution of the environment.



Sources Of Pollution

- Pollution can affect the air, land or water courses.
- Smoke, fumes, dust, exhaust emissions and vapours all pollute the air.
- Uncontrolled use of chemicals, oils, fuels and other harmful substances can contaminate the land.
- In some cases, land pollutants can enter water courses and pollute domestic water supplies many miles away.
- Excessive noise levels are also regarded as a form of pollution.
- Work with asbestos, lead and radiation are other sources of pollution for which strict control measures must be in place.

Q: What substances do you use which could pollute the land?

Control Of Pollution

- Always use harmful substances with care and dispose of used containers in the proper manner.
- Store bulk quantities of substances such as diesel, oils, greases, etc. on a hard standing to avoid seepage of leaks and spills into the ground.
- If practical, create a bund wall around the hard standing to prevent spillages reaching the surrounding land.
- Try to avoid running plant powered by internal combustion

NOTES

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Pollution Control

engines inside buildings or in enclosed spaces – allow exhaust emissions to disperse.

- Do not leave engines of plant running when they are not being used.
- Electrically powered plant and equipment is more environmentally friendly.
- Engine driven plant and equipment should be regularly serviced to stop or reduce leakage of oils and other fluids.
- Place drip trays under engine powered plant where necessary to avoid contamination of the land and possibly water courses.
- Reduce noise levels arising out of your work activities where possible.
- If you are aware of any leak or spillage of any substance which you believe could result in pollution, inform your supervisor immediately.

Q: What practical measures can you take to prevent pollution?

Q: What plant do you use that could be a source of pollution?

Do you have any questions for me?

- Note to supervisor: Now inform your workforce of the company policy and procedures for the control of pollution.

Sources

<https://www.hse.gov.uk/statistics/pdf/fatalinjuries.pdf>

<https://www.hse.gov.uk/statistics/industry/construction.pdf>

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