Energy/fuel efficiency

What?

- to avoid unnecessary energy/fuel consumption and reduce emissions from site
- many tonnes of emissions are produced each year through the inefficient use of energy and fuel
- switching off all unnecessary appliances and taking simple precautions when commuting to work or driving plant will make a real difference to the planet and pockets!

Why?

- **avoid environmental harm:** recent studies suggest crop failure, catastrophic changes in sea level and plant and animal extinction may result if global action is not taken
- **avoid environmental harm:** emissions (eg carbon dioxide) are continuing to adversely affect the Earth's climate
- **avoid prosecution:** it is now mandatory for certain organisations to monitor, record and reduce their emissions
- **public relations:** avoid damaging the reputation of the company its clients, and maintain workload
- **reduce costs:** by using mains-electric supply opposed to fuel-powered generators on site, which reduces energy consumption and emissions.

Questions

1 What simple steps can be taken to reduce emissions on this site?

Do

- ✓ ensure all lighting, heating and electrical equipment is switched off when not in use
- ✓ avoid unnecessary vehicle movements and journeys
- ✓ use appropriate plant for the task
- ✓ operate plant/vehicles efficiently by minimising idling time and using appropriate power
- ✓ service plant/vehicles correctly to ensure optimum performance
- ✓ use sustainable low carbon fuels
- ✓ use public transport, cycle or walk to work
- ✓ where travelling by car is unavoidable, share the journey with friends/colleagues
- ✓ ensure all unnecessary items are removed from cars and tyres are correctly inflated
- ✓ accelerate smoothly and, where practicable, use cruise control
- ✓ use local products, materials and labour.

Don't

- ✗ leave doors and windows open when air conditioning or heating is switched on
- ✗ leave external lighting on over night unless it is a security requirement
- ✗ leave vehicle engines idling to keep plant/car interior warm.

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Toolbox talk – Environment

Title:

Given by: **Date:**

Site:

Name	Company	Signature

For further information please contact a member of the Environment Team