

Noise/ Dust/ Emissions

Designers should be aware of these issues but can only have a limited influence on their control by minimising noisy, dusty and fume emitting processes:

PC: - to carry out regular road sweeping, manual sweeping, scraping and jet washing to remove excess build-up of materials on site and public roads.

- Damp down.
- Clean the wheels of vehicles leaving the site so that mud is not spread onto the highways.
- Obtain consent from the regulator for the use of mobile plant for crushing materials such as bricks, tiles and concrete and locate away from sensitive receptors.

On cutters and saws, use equipment and techniques such as dust extractors to minimise dust.

- Consider a wet cutting saw or use vacuum extraction or block splitters.
- Take account of the wind conditions when arranging activities that are likely to emit aerosols, fumes and odours.
- Ensure vehicles and plant used on site are well maintained and regularly serviced.
- Make sure that engines are switched off when they are not in use. Change the working method to use equipment or modes of operation that produce less noise.
- Where possible, place sources of noise away from sensitive receptors.
- Consider placing screens close to sensitive receptors but not parallel to nearby walls (1 m above the highest sight line).
- Adopt working hours to restrict noisy activities to less sensitive periods of the day.
- Arrange delivery times to suit the area – daytime for residential areas, perhaps night time for commercial inner city areas.
- Route construction vehicles to take account of the need to reduce noise and vibration.

- Keep haul roads well maintained.
- Undertake noise monitoring.
- Change the working method to use equipment or modes of operation that produce less vibration, for example: breaking out concrete, where practicable, should be undertaken using equipment that breaks by bending rather than by percussion.
- Undertake vibration activities as far away as possible from sensitive receptors.
- Adopt working hours to restrict high vibration generating activities to less sensitive periods of the day.
- Suitable anti-vibration mountings should be fitted where practicable to rotating and/or impacting equipment.
- Consider using rubber linings on tippers in sensitive sites.

