

# Construction Method Statement

CONTROL OF NOISE AND DUST EMANATING FROM THE SITE

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## General

- It is an offence under the Environmental Protection Act 1990 to cause nuisance to the inhabitants of the neighbourhood by generating dust.
- Erect effective barriers around dusty activities or the site boundary.
- No bonfires.
- Plan site layout machinery and dust causing activities should be located away from adjacent dwellings.

## Site Layout

- site compound is stated as indicated below This is a bonded area where all refuelling of plant and machinery must take place and where all fuels, paints and other potentially polluting substances are stored, to prevent their leakage into the surrounding soil.



## Noise

### Construction Traffic

- All vehicles should switch off engines – no idling vehicles.
- Wash or clean all vehicles effectively before leaving the site.
- All loads entering and leaving site to be covered.
- No site runoff of water or mud; protect any watercourses from pollution and silt produced in construction using Hy-TEX Silt fences if required.
- All Non-Road Mobile Machinery to use ultra-Low Sulphur tax-exempt Diesel (ULSD) where available.

### Demolition Works

- Use water as dust suppressant.
- Cutting equipment to use water as suppressant or suitable local exhaust ventilation systems.
- securely cover skips and minimise drop heights.

### Minimise dust generating activities.

- Use water as dust suppressant where applicable.
- Keep stockpiles for the shortest possible time.

### Demolition protocol

- In accordance with ICE (Institution of Civil Engineers) and CIWM (Institute of Waste Management) 14. This protocol provides best practice on aspects such as building audits and use of recycled materials to be reused on site or elsewhere.

### Contaminated Land

- Inclusion of contaminated land issues in the method statement, in the context of identifying potential emissions to air and protecting human health.
- Providing details of specific control measures for sites with potential contaminated land issues.

### Dust and Emissions Control Measures

- Pre-Site Preparation - follow best practice to prevent dust and other pollutant emissions from being carried outside the boundary.
- Surface of Roads
- Ensure that hard surfaces or paving are used for all haul routes, even if routes.
- Use consolidated surfaces on roads near to residential areas.
- Use agreed wet cleaning methods or mechanical road sweepers on all roads during periods of dry weather.
- Clean road edges and pavements using agreed wet cleaning methods.
- All vehicles should switch off engines - no idling.
- Clean or wash all vehicles effectively before they leave a site if there is a risk of affecting nearby sensitive dwellings.
- All loads entering and leaving site to be covered.

### Site Entrances and Exits

- Developers should employ the following control measures to help prevent dust being spread outside the site boundary by site vehicles at entrances and exits.
- Wash or clean all vehicles effectively before leaving the site if it is close to sensitive receptors. Ideally there should be a paved area between the wheel wash and before the public road.

### Excavation and Earthworks

- All dusty activities should be damped down, especially during dry weather.
- Temporarily cover earthworks if possible.
- Minimise drop heights to control the fall of materials.

### Stockpiles and Storage Mounds

- Make sure that stockpiles exist for the shortest possible time.

### Cutting Grinding and Sawing

- All equipment should use water suppressant or suitable local exhaust ventilation systems.

### Chutes and Skips

- Securely cover skips.
- Minimise drop heights to control the fall of materials.
- Regularly damp down surfaces with water

### Waste Disposal/Burning

- No burning of any material is permitted on site.
- All excess material should not be wasted but used or safely removed from site according to appropriate legislation.

### Demolition Activities

- Potential dust hazards can be assessed according to BS 6187: Code of Practice for Demolition, including all aspects of project demolition techniques to re-using or recycling materials.
- Any asbestos must be always dealt with by a registered contractor and removed according to appropriate regulations and approved codes of practice/HSE guidance.
- Carry out a Type 3 asbestos survey and if identified, notify the Health and Safety Executive Always employ competent and licensed contractors; Clearly identify the location of asbestos containing materials before starting work; Put in place procedures to sample and analyse suspect materials; Carry out independent air sampling to ensure standards are met; Dispose of asbestos-containing materials to licensed waste sites according to HSE guidelines before the demolition company is given access.
- sheet and screen buildings with suitable material and where possible strip inside buildings before demolition begins.
- Ensure that a specialist contractor removes any asbestos before demolition.
- Materials should be removed from site as soon as possible.
- No explosive blasting, use appropriate manual or mechanical alternatives.
- Bag and remove any biological debris or damp down before demolition.

## Specific Site Activities

- **Plaining and Sanding**  
Use fans and/or filters, dust suppression techniques and water sprays.
- **Fitting Out**  
Fit all machinery for activities such as plastering, sanding, or rendering with dust suppression/collection equipment Vacuum all waste material.
- **Welding and Soldering**  
Follow control measures in HSE guidance notes EH54 and EH55.
- **Tarmac Laying and Use of Bitumen**
- **Do not overheat bitumen and cover pots.**
- **Use great care in all prevent spillages and extinguish any accidental fires immediately.**