

Dust Management Plan



Development At
Kingsley Circle
Eaton Drive
Wrexham
LL13 9BP

1. Project Description and Key Dates
2. Dust Management
3. Risk Assessments
4. Monitoring Compliance & Review of Procedures
5. Toolbox talks, Consultation, Site Safety Meetings

Appendix 1 – Dust Control Risk Assessment

1. Description of Works and Key Dates

Works will include the demolition of an existing single storey community centre of timber frame construction and site clearance so as to be able to construct – at a future date - a single, three storey apartment block of conventional brick construction.

The site is located within a large housing estate, bounded to the west by Eaton Drive, and an asphalt car park to the south, servicing a small shopping centre. Landscaped areas backing onto residential houses define the eastern and northern site boundaries. The site is currently enclosed by a 2m steel security fence, with the only access being from the south from the carpark. The works have a high potential to create dust which will need to be controlled in order to prevent nuisance and health issues to occupiers of surrounding residential and commercial properties as well as to school premises in close proximity to the site.

The works are anticipated to commence in mid February 2022 and will last for Circa 15 months.

The standard working hours of 08:00 – 18:00 Monday – Friday and 08:00 – 13:00 Saturday.

2. Dust Management

The site is located within a densely populated residential area with local amenities and schools, and mitigation measures will therefore be needed to reduce dust effects beyond the site boundary. These are intended to be stringent but achievable and in line with Best Practicable Means (BPM).

Site environmental considerations issued by the Local Authority must be adhered to at all times, and there will be reasonable provisions in place at all times to prevent dusts from escaping ensuring public roads and pathways remain clear.

Dust will be controlled by dampening down the work areas, using wet cutting methods and on tool extraction. Operatives will wear full PPE and RPE (FFP3 Disposable Face Masks).

Suitable sheeting will be erected around the demolition site to help prevent the spread of dust outside of the working area.

It will be necessary to continuously monitor for dust throughout the day. This will be in the form of visual inspections undertaken by the Site Manager. Records of any significant emissions or impacts will be maintained.

Hazard warning notices will be posted around working area to forewarn all persons of the works being undertaken.

Mains Water and a Mobile Bowser will be available to keep nuisance dusts to a minimum.

The site manager will undertake dynamic risk assessments when the weather conditions increase the risk of debris being blown. If the weather conditions pose a risk, all work will be suspended.

During the works a watching brief will be in place to ensure the controls in place to control dust migration are suitable.

Low energy tools will be used where possible to reduce dust creation.

All routes within the site are to be scraped, water sprayed and swept clean as necessary, with all external routes being cleaned and swept as necessary.

Water sprays will be on at all times whilst the recycling operation is undertaken.

Waste materials will be stored in sheeted skips. All loads will be covered before leaving site with vehicle wheels being washed by the driver. Any dust that is left on the public highway being removed immediately.

Where dust extraction units are required, these will be M Class as this is the minimum allowed on site by HSE guidelines. M Class dust extractors are vital for use when working on brick or concrete that cannot be pre wetted.

No water contaminated by dust or site debris will be permitted to run off into public drains.

3 Risk Assessments

All works on site likely to give rise to the creation of dust will be subject to a suitable risk assessment and where required method statements.

No works with the potential to create dust will be allowed on site without an appropriate risk assessment in the form included in Appendix 1.

4 Monitoring Compliance & Review of Procedures

Weekly review and monitoring of the procedures set out with this Dust Management Plan will be undertaken by the Site Manager and will be included within the monthly Site Safety Audit undertaken by an external Health & Safety Consultant and reported to the Client.

5 Toolbox talks, Consultation, Site Safety Meetings

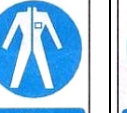
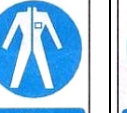
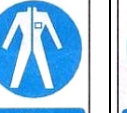
Site contractor coordination meetings will be held regularly on site, daily on some occasions, this will take the form of regular conversations, informal discussions pertinent to the nature of the work including works likely to give rise to dust generation.

Toolbox talks specific to dust management will be carried out on an as needs basis particular following an adverse event or following a significant change.

Appendix 1

Dust Control Risk Assessment

Risk Assessment Form 025

1	Hazard / Activity / Task / Operations covered - include plant, equipment and number of persons exposed																										
Control Of Dust																											
2	Significant Risks					3 Persons at Risk																					
1. Inhalation of Contaminants 2. Ingestion of Contaminants 3. Asphyxia 4. Skin Contamination - Employees - Subcontractors - Visitors - General Public																											
4	Control Measures																										
- Assessment of work load to determine those activities that may generate dust. - COSHH data sheets will be checked for those materials producing dust, any toxic material identified. Assessment to be made as to, who, what and where work shall be completed - Dust emissions to be minimized and/or contained to boundaries of the construction site e.g. re-specifying work to eliminate or reduce dust hazards, use exhaust ventilated tools, dampening work before or during cutting. - All defective equipment should be identified and removed from service. - Windblown dust from large, distributed areas to be reduced by dampening down the surface and where possible, restricting the extent of such areas - Extra care to be taken when loading materials onto trucks or when excavation work is taking place. - All internal dust should be removed after the work has been completed and disposed of correctly. - Ensure sufficient protection of adjacent areas to control dust ingress to adjacent area(s). - Prohibition of eating and smoking to be enforced in dusty atmospheres, especially where toxins may be present - Adequate means of monitoring / measuring toxic dust to be provided and maximum exposure limits (MEL's) to be checked. - Appropriate respirators will be worn and is correct for the job. - All persons involved will be suitably trained and aware of the risks.																											
5	Personal Protective Equipment																										
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6	Evaluation of Risk – Risk = Likelihood x Severity			tick appropriate box		
	Likelihood rating 1-5	Severity rating 1-5	Risk rating (likelihood x severity)	High 15 -25	Medium 8-12	Low 1-6
	2	2	4		✓	

Assessors Name: Craig Wilmore Health and Safety Advisor

Date of Assessment: May 2021 **Review Date: May 2022**