

Dust Management Plan

Kronospan limited

Holyhead Road

Chirk

Project Ref: P/2016/0534

Proposed Building Extension to Store Medium
Density Fibreboard (MDF) and Particleboard

Issued: December 2020

Version Control Record				
Issue	Description of Status	Date	Author	Reviewer
	First Draft	08/12/20	K. Baker	McKenna

Introduction

The following document sets out our general approach to eliminate, mitigate and manage dust emissions during the construction phase of the project to extend an existing building to enable it to be used for the storage of MDF and Particleboard.

Kronospan has an existing procedure in place to cover whole site; KC/EHS/PRO/017 Dust Noise and Odour Management Plan (attached appendix 1).

The development is located in the middle of the site as per the layout drawing **7000/643** attached. The main access to the site is via Holyhead Road.

Description of the Project

To be taken from the Planning application

Duration of the Work

Overall Duration: 19 Months

Enabling works start: 01.03.2021

Canopy modifications: 31.05.2021 to 02.07.2021

Main building removal: 02.08.2021 to 01.10.2021

Main foundation works: 30.08.2021 to 31.12.2021

Warehouse construction, commission and completion: 10.01.2022 to 30.09.2022

General Description of work to be carried out

The proposed development comprises the extension of an existing building to enable it to be used for the storage of MDF and Particleboard. The building extension will be circa. 123m (125.5m) in length, 29m (30.7m) in width, 22.5m (23.4m) to the ridge.

Nominated Representatives

The Kronospan Project Manager and Principal Contractor Jungheinrich is nominated to ensure the implementation of dust mitigation on the construction site.

Site Activities

Dust generating activities may occur mainly during the groundwork phase of the project however all efforts will be made to eliminate or mitigate this. Due to the position of the construction project, which is central to the main site, it is not expected that it will have a significant impact off site.

Working Hours

All ground work and construction activities will be carried out during the hours of 07:00 to 19:00, Monday to Friday.

Weekend work will be carried out:

Saturday:

Sunday:

Local Resident Liaison

There is an existing community liaison meeting that is held quarterly throughout the year by Kronospan.

The details of the project will be communicated to this group for onward communication to the local residents.

Potential Receptors to Dust

- Groundwork and construction workers,
- Kronospan employees,
- Contractors on site,
- Site visitors.
- Off-site receptors, residents Chirk

Dust Assessment of Potential Risk: Construction Phase

Ref	Element	Dust Mitigation and Control Methods
1	Communications	• Any issues within the site will be dealt with by the Principal Contractor for the development project. • Any issues resulting in off-site enquiries / complaints from residents in Chirk or their representatives will be dealt with in the first instance by K Baker (EHS Manager) and in his absence C Barker (EHS Advisor).

2	Dust Management	This dust management plan will be submitted to Wrexham CBC for approval and will then be communicated to the project team and Principal Contractor for the project,
3	Site Management	- On-site complaints or issues are to be recorded by the Principal Contractor. - Resident complaints / enquiries from local residents will be recorded using Kronospan's established complaints procedure (attached as appendix 2 KC/EHS/PRO/016).
4	Monitoring	- Visual inspections of the project area will be carried out by the Principal Contractor. In addition, random audits will be conducted by representatives of the Kronospan EHS Department. - Increased frequency of inspection will take place during dry weather and high activity. - Off-site ambient air Monitoring carried out at Lloyds Lane (School) (SE) and proposed at Chirk Hospital (NE).
5	Preparing and Maintaining the Site	- Minimise dust by wetting or dampening down where necessary; e.g. concrete cutting activities and movement of dry / potentially dusty material. - Reduce the storage of dusty materials to a minimum. These activities will be managed by the Principal Contractor
6	Construction Traffic	- Regularly clean access and egress points to the site. - Dampen down with the water bowser, if required. - Clean roadways and construction area with the site road sweeper as required. These activities will be managed by the Principal Contractor
7	Measures specific to Excavations	- Minimise drop heights when loading and off loading. - In dry periods dampen down the area. These activities will be managed by the Principal Contractor
8	Cutting Masonry / Concrete	- Cutting activities will use water as a dust suppressant. - Respiratory protection will be used by construction operatives, as required and specified by SSOW. These activities will be managed by the Principal Contractor
9	Waste Management	Off-site removal of waste will be handled / managed in such a way as to reduce dust emissions (dust suppression, covered skips /

		containers etc.) and will only be handled by registered waste carriers. • Waste skips will be used as suits the waste being generated for disposal. • Waste management on site will be covered in the Project Health Safety and Environment plan to be issued prior to commencement of work. These activities will be managed by the Principal Contractor with advice from the Kronospan EHS Dept.
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Dust Monitoring

Site inspections will be carried out daily by the Principal Contractor with remedial action taken based on their findings. If dust is evident from activities on site dampening down will take place. If dampening down is deemed likely to be insufficient / inappropriate then other dust suppression measures will be employed.

A continuous dust / ambient air monitor is positioned at Lloyds Lane in Chirk. In the near future a second dust monitor will be installed at the Chirk Cottage Hospital (as mentioned above). Both these monitoring sites are being managed by Wrexham CBC.

Data can be accessed via the following website: www.airqweb.co.uk or by downloading the AirQApp to your mobile phone.

Complaints Procedure

Our Kronospan site complaints procedure KC/EHS/PRO/016 - Responding to Complaints is attached (appendix 2) and will be followed in the event of any off-site complaint that could relate to the project.

Complaints should be directed to the site as follows:

Telephone call to the Site Reception / Weighbridge on: 01691 773361

Email: office23@kronospan.co.uk

We will inform Wrexham County Borough Council if any complaints are received relating to this project.