

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
30/12/2021	Revision (appendix 1)	30/12/21	K. Baker	C Barker

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.

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

The working hours detailed below are based on the attached memo from Ian Jones Public Protection (see appendix 1).

Working hours including deliveries to and from site should be undertaken only between the hours of 07:30 to 18:00 Monday to Friday, 08:00 to 14:00 on a Saturday, and at no time on a Sunday or a bank holiday.

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.
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) (Please see the attached memo from Ian Jones Appendix 1).
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 particulate matter / ambient air monitor is positioned at Lloyds Lane in Chirk. In the near future a second 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.

Appendix 1

MEMORANDUM



From: Ian Jones Public Protection
Service Manager

To: David Williams Planning
Control Manager

Our Ref:

Your Ref: P/2021/0808

Date: 02-09-2021

Town and Country Planning Act 1990

Town and Country Planning (General Development Procedure) Order 1996

Re: P/2021/0808, KRONOSPAN LTD HOLYHEAD ROAD CHIRK WREXHAM

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(HALOGIAD) 10 (DRAENIO) A 11 (PYST Y SEILIAU) CANIATAD CYNLLUNIO
P/2017/0700 / DISCHARGE OF CONDITIONS 3 (NOISE) 4 (DUST MANAGEMENT)
5 (MATERIALS) 6, 7, 8, 9 (CONTAMINATION) 10 (DRAINAGE) AND 11 (PILING)
OF PLANNING PERMISSION P/2017/0700
KRONOSPAN LTD HOLYHEAD ROAD CHIRK WREXHAM

ZIP11 - DUST MANAGEMENT SCHEME REQUIRED BY CONDITION

The Dust Management Plan "Kronospan limited, Holyhead Road, Chirk" Project Ref: P/2016/0534. Dated: December 2020 is acceptable though the referenced monitoring sites at Lloyds Lane and the planned site at the hospital monitor for particulate matter and not dust. Therefore they cannot be relied on as an indicator of potential offsite dust.

The plan also notes that hours of construction will be 07:00 to 19:00 on week days. The applicant is advised that:

All works in relation to the implementation of this permission, including deliveries to and /or leaving the site, should be undertaken only between the hours of 07.30 to 18.00 Monday to Friday, 08.00 to 14.00 on a Saturday, and at no time on a Sunday or a Bank Holiday. Outside these times, any works which are audible beyond the site boundary have the potential to cause unreasonable disturbance to neighbouring premises.

The applicant is advised that the Council has the option to control construction noise by serving a Control of Pollution Act 1974, Section 60 Notice where deemed necessary, and failure to comply with such a Notice can result in prosecution.

The applicant is further advised that any complaints received relating to noise of any type from the development may also be investigated using the Council's Standardised Procedure for Dealing with Noise Nuisance Complaints. This is done under the Statutory Nuisance provisions provided within the Environmental Protection Act 1990, and legal action may be taken where appropriate.

I recommend that this condition be discharged.