



Press Glass, Baglan Way, Port Talbot

Noise Management Plan for Condition Discharge

14th March 2025

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1. INTRODUCTION

1.1. Overview

inacoustic has been commissioned to prepare a Noise Management Plan (NMP) for operation of the Press Glass factory on Land at Baglan Way, Port Talbot.

This noise management plan details best practices already committed to by the Operator and monitoring, communication, and complaint procedures.

The Site Manager will be responsible for ensuring that this noise management plan is correctly implemented.

Due to the nature of the operations on site, and distance to the nearest receptors, ground-borne vibration is not considered a material risk. Therefore, vibration is scoped out of this NMP.

The Noise Management Plan is also deemed suitable to discharge noise-related Condition 13 imposed on the development by Neath Port Talbot County Borough Council

2. PLANNING CONDITION

The Decision Notice from Neath Port Talbot County Borough Council, dated 15 June 2022, applied to Application No. P2022/0470 includes the following noise-related Planning Condition:

Condition 13

Prior to the first use of the development hereby approved a Noise Management Plan shall be submitted to and approved by the Local Authority. The Noise Management Plan shall detail how noise emissions from all activities on site will be controlled, and mitigated. The Noise Management Plan should consider all potential noise sources on site, including noise from deliveries etc. The Noise Management Plan as approved shall be strictly adhered to during the operation of the development hereby approved.

Reason:

In order to protect the amenity of future workers and neighbouring residents and Policy EN8 of the Local Development Plan.

3. SITE DESCRIPTION

3.1. Site and Surrounding Area

The site is located on a parcel of land located between Baglan Way and Moor Road, Port Talbot.

The site area relative to significant off-site features in the area, including residential areas, is shown in Figure 1, below.

The prevailing ambient sound environment throughout the area is dominated by road traffic noise arising from vehicles using the M4 motorway, with localised contributions arising from nearby industries and local road traffic.

FIGURE 1: SITE AND SURROUNDING AREA



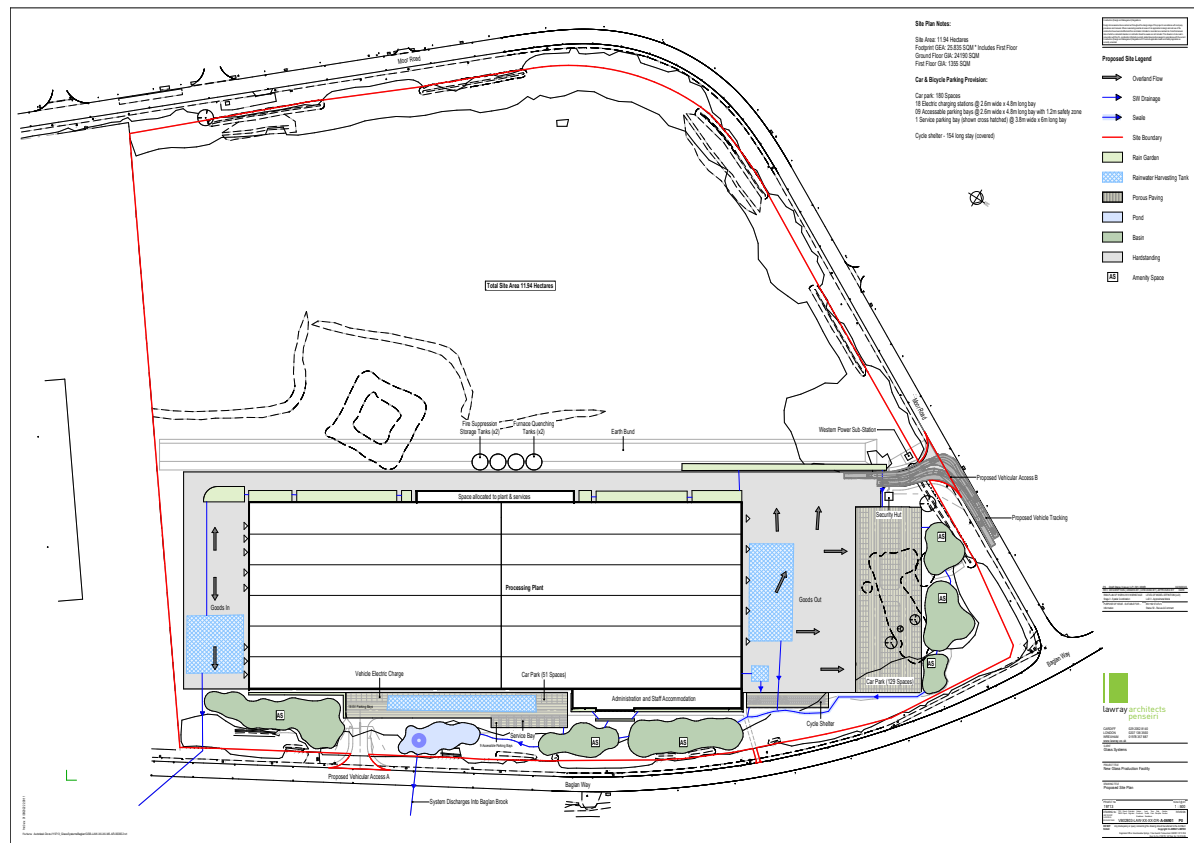
3.2. Development Overview

Press Glass in Port Talbot comprises a manufacturing facility within a new steel portal frame building. The building includes the main manufacturing/production area in addition to a plant and services area facing south west and office and admin areas facing north east.

The business operates on a perpetual basis, with round-the clock production, but deliveries and dispatch activities only occurring during daytime hours.

The site layout is shown in Figure 2, with elevations shown in Figure 3.

FIGURE 2: DEVELOPMENT LAYOUT



4. NOISE GENERATING ELEMENTS

The primary sources of noise at Press Glass include:

- HGV movements for deliveries and dispatch
- Glass processing operations
- Compressors
- Forklift and vehicle movements
- Furnace blowers
- Glass breaking into skips

5. NOISE MANAGEMENT

This NMP aims to ensure that BAT (Best Available Techniques) are in place to minimise noise from the operation of the site. With that purpose, the following noise-control strategies have been implemented:

HGV Movements

Deliveries and dispatch activities will be undertaken during daytime hours only, with a daily average of 21 vehicle movements, including:

- 2 articulated trucks with trailers
- 15 rigid trucks (18t)
- 3 panel vans
- 1 articulated truck with trailer for raw material delivery

Vehicles are required to adhere to designated speed limits within the facility and drivers are instructed to minimise engine idling and use low-noise reversing alarms.

Processing Area

- Blower Room provided with noise reduction kit. Acoustic housing installed around furnace blowers to reduce operational noise.
- Glass breaking station within soundproof enclosure. Waste glass containers enclosed in a soundproof enclosure, so that the noise created by the disposal of pieces of broken / waste glass from the conveyor belt into the respective container for broken glass is damped extensively.
- Glass breaking into skips scheduled during designated periods to limit disruption.
- Extraction system serving the furnaces do not discharge to the environment, but the rejected air/heat is recirculated into the building.
- Carbon fibre impellers integrated into the toughening plant to reduce noise levels from air movement.
- Compressors located within the 'Plant and Services' building area.
- All plant to be inspected and maintained regularly.
- Roller shutter doors remain closed during operations to contain noise. Doors only opened for receiving and offloading glass, minimising exposure to external areas.
- Use of electric forklifts instead of diesel-powered models to minimise noise emissions.
- Installation of acoustic rooms with noise reduction buffers to isolate high-noise activities.

6. MONITORING

As a commitment to regular review the effectiveness on the NMP, the following actions will be undertaken:

- Routine noise level assessments conducted to ensure compliance with noise regulations.
- Regular maintenance and inspections of noise control measures.
- Staff training on noise management practices and responsible operations.
- Continuous improvement approach to identify and implement further noise reduction opportunities.

7. COMPLAINT MANAGEMENT

The following procedure shall be followed in the event of noise complaints:

- All noise complaints should be immediately directed to the Site Manager.
- As soon as the complaint is received it will be recorded.
- An initial response will be made and recorded. In the event of serious noise pollution, the initial response could be to immediately cease the activity pending investigation. However, in most cases it might not be practicable to provide immediate relief. The complainant will be informed of actions and contingencies in place to mitigate the problems as far as reasonable.
- Where the initial response does not address the complaint, further investigation, corrective action, and follow-up monitoring shall be undertaken as appropriate.
- All actions will be recorded, and the complaint will then be closed.

8. CONCLUSION

This document presents the noise management plan (NMP) for the Press Glass factory on Land at Baglan Way, Port Talbot.

Current operations are carried out with consideration to best practices with regards to noise. Noise management strategies and monitoring procedures are presented in this NMP.

Appropriate actions to follow in the event of noise complaints from local residents are also provided.

This NMP is deemed appropriate to discharge Condition 13 on Decision Notice (Application No. P2022/0470) from Neath Port Talbot County Borough Council,

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