

**Consultation Response from: KC Environmental Health (Pollution & Noise Control)**

**2024/90576 - Adjacent Britannia Road, Golcar, Huddersfield, HD3 4QB**

**Discharge of condition 13 (noise impact assessment) of previous permission 2021/92062 for erection of 9 dwellings and associated works**

**Responding Date:  
25 March 2024**

**Responding Officer:  
Mohammed Nasim**

**Responding Ref:  
WK202406851**

**Comments**

The applicant has submitted a Noise Impact Assessment authored by Acoustic Solutions dated 22 February 2024 Ref AS24-08. The objectives are to establish the daytime, evening and night time ambient and background sound levels at the application site and its surrounding environs, establish the likely daytime and night time noise impact arising from the noise sources identified in the course of the assessment and if appropriate, provide recommendations with respect to management and/or structural controls to mitigate and control the potential noise impact upon future occupiers of the proposed development. Table 3.1 details the observed noise sources including the railway line and neighbouring commercial/light industrial uses.

A baseline noise survey was undertaken on 19 and 20 February 2024 between 0700hrs to 2300hrs (daytime/evening) and 2300hrs to 0700hrs (night time) from two noise monitoring positions, MP1 (southern façade) and MP2 (northern façade) as shown in Appendix 2. A summary of the findings is given in tables 3.2 (MP1) and 3.3 (MP2). The principle daytime noise sources at both MPs were commercial vehicle movements and general activity at the neighbouring commercial/light industrial uses and vehicles travelling along Britannia Road. Due to the topography of the land, railway noise was only slightly audible at MP2 at nighttime.

Table 4.1 predicts the external evening and night time observed effect levels arising from noise from external noise as predicted at MP1 and MP2 with table 4.2 highlighting the BS8233 exceedance by +13dB for daytime and evening for MP1. This equates to a Significant Observed Adverse Effect Level (SOAEL) to the occupiers. All BS8233 criteria are met at MP2. The report refers to BS8233 where it states that where a development is considered necessary or desirable, the internal target levels may be relaxed by up to 5 dB and reasonable internal conditions still achieved.

In mitigation, a glazing and ventilation specification is given for the northern façade with a higher specification for the southern façade. A recommendation is also made for 1x Titon Ultimate dMEV decentralised mechanical extract fan to be installed per room at this façade. No mitigation is necessary for the external amenity areas.

The findings of the report are accepted on the basis that development is considered necessary or desirable.

**Recommendations**

We recommend the condition is not discharged until all of the mitigation measures outlined in the approved Noise Impact Assessment authored by Acoustic Solutions dated 22 February 2024 Ref AS24-08 are implemented and retained thereafter.