

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

2025/93106 - The Co Operative Food, 12, Nab Lane, Mirfield, WF14 9BN

Erection of canopy and timber fence compound, replacement refrigeration plant and alterations to existing shopfront with associated works

**Responding Date:
13 February 2026**

**Responding Officer:
Mohammed Nasim**

**Responding Ref:
WK202603204**

Comments

Noise

The applicant has submitted an Acoustic Impact Assessment authored by Acoustical Control Consultants dated 08 July 2025 Ref B5829.0 which details the proposal as the removal of existing and the installation of new refrigeration pack, gas cooler, and two air conditioning condensing units (AC) installed in the service area to the west of the store building. Para 6.2 identifies the nearest noise sensitive receptors (NSRs) at approx. 10m from this area and this is reflected in figure 7.1.

A background noise assessment was undertaken on Wednesday the 25th of June 2025 between 2120hrs and 2340hrs from two measurement positions as shown on figure 7.1. Based upon the measured levels and the proposed fixed mechanical plant as per Appendix 2, a BS4142 assessment has been conducted and table 8.1 shows a +12dB exceedance indicating a significant adverse impact for daytime and a -7dB exceedance for night-time indicating a low impact. The author caveats the results as a worst case scenario with all plant running simultaneously at maximum capacity.

In attempting to justify this exceedance, in para 8.14, the author states that the NSR is located in the vicinity of a commercial premises where some amount of mechanical sound is to be expected and is an existing presence during the daytime and night time due to Co-op plant and this is accepted. However, as shown in para 5.16, BS4142 states an exceedance of 10dB or more is likely to be an indication of a significant adverse impact and this will require amendment or mitigation.

Furthermore, para 8.17 states that the 'worst case' highest plant sound levels are only likely to be produced during hot summer afternoons which is when external amenity areas are likely to be used.

The submitted information is rejected and we object to the proposal in order to protect residential amenity.