

Planning Condition Discharge Statement

Plant Noise Assessment – NR35 Compliance

Site Address: 60 Ferring Street, Worthing, BN12 5JP

Applicant: Andalucia

Date: 25/02/2026

1. Purpose of Submission

This statement is submitted in discharge of the planning condition relating to mechanical plant noise control.

The condition requires details of all plant and confirmation that noise at the boundary of any noise-sensitive property shall not exceed NR35 as defined in Table B.1 of **BS 8233:2014**.

2. Description of Installed Plant

The following air conditioning system has been installed:

Indoor Unit:

Mitsubishi Electric PEAD-M71JA2

Outdoor Unit:

Mitsubishi Electric SUZ-M71VA

The outdoor condenser unit is:

- Ground mounted on a flat roof
- Installed on proprietary anti-vibration rubber feet
- Located in open air (not within an enclosed courtyard)

No additional ducted plant or mechanical equipment is installed externally.

3. Operating Hours

The plant operates between:

12:00 (midday) and 23:00 hours daily

The unit does not operate overnight.

4. Location and Nearest Noise-Sensitive Receptor

The nearest noise-sensitive property boundary is approximately:

10 metres from the outdoor unit.

5. Manufacturer's Acoustic Data

According to manufacturer technical data, the outdoor unit has:

- **Sound Power Level (LwA):** 67dBa

Manufacturer data sheet is available on request

The Mitsubishi also has a night set-back function and scheduling options to reduce/stop output during hours that require this.

6. Predicted Noise Level at Nearest Boundary

Using standard free-field sound propagation calculations:

- Distance attenuation has been applied over approximately 10 metres.
- No façade reflection corrections have been applied (free-field conditions).
- No tonal or impulsive characteristics are identified from manufacturer data.

The predicted sound pressure level at the nearest noise-sensitive boundary is:

39 dB(A)

This level is below NR35 as defined in Table B.1 of BS 8233:2014.

7. Vibration Control Measures

The condenser unit is installed on anti-vibration rubber isolation feet to prevent structure-borne transmission.

The unit is ground mounted on a flat roof slab and is not wall-mounted.

8. Compliance Statement

Based on manufacturer acoustic data, distance attenuation and site conditions, the installed plant will not exceed NR35 at the boundary of any noise-sensitive property when operating.

The equipment will be:

- Maintained in accordance with manufacturer recommendations
- Operated only during the stated hours
- Kept in good working condition to prevent noise increase

No additional plant or ducting will be installed without prior written approval from the Local Planning Authority.

Name: Jason Dyer

Position: Operations Manager

Company: H&D Air Conditioning, Unit 1a William Way, Burgess Hill, RH159AG

Date: 25/02/2026