

From: Jane Cooper <Jane.Cooper@midsussex.gov.uk>
Sent: 25 November 2025 10:29:22 UTC+00:00
To: "Stefan Galyas" <Stefan.Galyas@midsussex.gov.uk>
Subject: DM/25/2884

Hi Stefan,

As discussed, the proposed air source heat pump should comply with the Microgeneration Certification Scheme Planning Standard MCS 020 (Air Source Heat Pump Sound Calculation). Compliance with MCS 020 is generally much more cost-effective than undertaking a full BS 4142 noise assessment. We strongly recommend that the applicant addresses this early in the build process, as this will allow flexibility to relocate the unit, select a quieter model, or install an acoustic barrier if necessary. Where compliance with MCS 020 cannot be demonstrated, a noise assessment in accordance with BS 4142:2014+A1:2019 should be provided to ensure that noise impacts on neighbouring properties are appropriately assessed and mitigated.

Recommendation: Approval with condition

Prior to the installation and operation of the air source heat pump, the applicant shall submit evidence to the Local Planning Authority demonstrating that the installation complies with the Microgeneration Certification Scheme Planning Standard MCS 020 (Air Source Heat Pump Sound Calculation), or an alternative noise standard agreed in writing with the Local Planning Authority. The air source heat pump shall thereafter be installed and operated in accordance with the approved detail.

Alternatively, this condition could be applied:

Plant Noise (Electrical/Mechanical): The development hereby permitted shall not come into use until a scheme has been submitted to the LPA demonstrating that the noise rating level (L_{Ar,Tr}) of plant and machinery within the build shall be at least 5dB below the background noise level (L_{A90,T}) at the nearest residential facade. All measurements shall be defined and derived in accordance with BS4142: 2014+A1:2019. The assessment shall be carried out with the plant/machinery operating at its maximum setting. The approved measures shall be implemented before the development is brought into use and thereafter be maintained in accordance with the approved details.

Please will you put this to the applicant.

Thanks,

Jane Cooper
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