

From: [Pires, Andre](#)
To: [Aftanas, Gina](#)
Subject: H/26/101016 - 50 CHESTNUT AVENUE, EASTLEIGH, SO50 5AL - Pollution comments
Date: 09 March 2026 16:19:54
Attachments: [image002.png](#)
[image639960.png](#)

Good afternoon Gina,

Thanks for consulting the Pollution Team on the application H/26/101016 for the installation of air source heat pump at the rear of the property, in at 50 CHESTNUT AVENUE, EASTLEIGH, SO50 5AL.

I reviewed the proposed drawings and the MCS 020(a) assessment. The MCS 020(a) is above the 37dB criteria and therefor failed. Following the recent Air Source Heat Pumps Professional Advice Note (2026) from Institute of Acoustics from February 2026 when MCS 020(a) fails then a Level 1 assessment is required as below.

Method		When to apply
PDR+	MCS 020a	Where PDR is unavailable for non-acoustic reasons and no greater caution is needed the installer may offer a calculation to the MCS 020a for consideration by the EHP ¹ .
Level 1	Desktop Calculations	Compliance with 37 dBA* criterion demonstrated through appropriate calculations carried out by an SQA.
Level 2 Full Assessment	Survey and predictions	Use Level 2 in exceptional circumstances only e.g., tranquil areas, or multiple units with significant risk of cumulative impact. The BS 4142 methodology may be used to ensure the adverse impacts are minimised as far as reasonable.

**The sound level threshold of 37 dB(A) is an incident sound pressure level², calculated at 1 m in front of the centre of a window or door to a habitable room as described in MCS 020a.*

The level 1 assessment requires an acoustician to calculate and proposed mitigation and to present the findings in a report for planning.

Thank you

Andre

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