

I have reviewed the product specification sheet for the proposed Air Sourced Heat Pump (ASHP) and the MCS020 assessment for the property above. The assessment indicates the nearest receptor is located 4m from the Heat Pump, and the result is 42dB, which is right in the limit of the noise standard to be met at the nearest sensible receptor according to the assessment. It is important to consider that this assessment does not take into account the spectral content/frequency or any tonal characteristics of the noise and uses a default background noise level of 40dB rather than a measured background level (which could be lower in the area). Therefore, despite meeting this standard, it is not uncommon for ASHPs to give rise to complaints after they have been installed. If the noise from an ASHP is causing a statutory nuisance, despite meeting the MC20 standards, the council has a duty in law to take action to try and abate the nuisance.

Having said that, I have the following enquiries:

- Can the applicant provide a sketch of the ASHP location (measured in metres) in relation to any sensible receptor identified?
- Has the applicant explored any other potential locations for the ASHP?
- Can the applicant get a quieter ASHP?
- Can the applicant check with the provider if are any available enclosure options that reduce noise without compromising the performance of the ASHP?