From: Bruce Reynolds
Sent: 28 May 2010 15:14
To: Hannah Barker
Subject: ADC/0124/10 2 additional and 3 replacement groundfloor air-conditioning condensers

Dear Hannah

I have now had the opportunity to review the above application and would make the following comments.

The information within the application was not exactly clear, since on different drawings and pieces of paper, the location and number of the units are variously described as replacement or additional and on changing elevations of the building. My best estimate is that the proposal is for 5 No. DDRA-75 External Condensers to be fitted to the premises, with 2 new units on the north elevation and 3 replacement units on the south elevation. Technical data is also provided for some internal units, which should have no effect on external noise levels unless there are intake/outtake louvers allowing sound emission.

The condensers themselves are fairly loud, producing 55dB(A) at 10 metres. It is not indicated what noise levels are produced by the units they are replacing on the south elevation, but the location between two large buildings have the potential to funnel noise towards the residential premises at Courtfields.

The condensers on the north elevation would bring the total number of condensers and refrigeration units on that side to about 13. The new condensers alone would produce a noise level of about 53dBA at the nearest residential premises at Hurstfield.

There is no indication as to the hours of operation of these units.

I would therefore ask that a suitable noise survey should be carried out in support of the application, which should demonstrate the degree of impact on the amenity of the nearest residential premises to the north and east in order to allow suitable conditions to be applied.

If you require any further information, please do not hesitate to contact me.

Yours sincerely

Bruce Reynolds
Senior Environmental Health Officer
Adur District Council

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