

RE: 19 King Street cdn/25/0152 plant verification condition 3b)

From Graeme Souter <graeme.souter@manchester.gov.uk>
Date Wed 4/9/2025 2:51 PM
To Maximillian Gibson <Maximillian.Gibson@manchester.gov.uk>

Hi Max

Thanks for the response.

The validation report needs to include the background noise level and the plant noise limit for completeness and most importantly, the measured plant noise at the receptor not calculated levels.

The purpose of the validation assessment is to demonstrate that all the items of plant once installed are operating in accordance with the manufacturers specification not just 1 of them. One or more of the other remaining 3 units may have a fault, may not be operating as expected or in accordance with the manufacturers data, there may be problems with workmanship when installed which causes a different noise or tone or may be operating differently when installed in field conditions.

The report needs to include measurements of all 4 units to provide actual cumulative noise level not calculated as would be expected in part a) of the condition to demonstrate that the compliance with the calculated rating to address part b)

Also, for completeness, the report should include a description of the 4 units installed and confirm that they are the same units as originally proposed and assessed under part a) of the condition.

As it stands and as previously stated, the information submitted doesn't demonstrate that all 4 units when operating in cumulative use do not exceed the criteria at the receptor so we need a revised report to address the above and provide the required information.

Kind regards

Graeme

Graeme Souter

Environmental Protection
Environmental Health
The Neighbourhoods Service
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From: Maximillian Gibson <Maximillian.Gibson@manchester.gov.uk>
Sent: 07 April 2025 13:36
To: Graeme Souter <graeme.souter@manchester.gov.uk>
Subject: Re: 19 King Street cdn/25/0152 plant verification condition 3b)

Hi Graeme,

Hope you're doing great!

Have you had a chance to review the below?

Thanks,

Maximillian Gibson

Planning Officer
Planning, Building Control and Licensing
Manchester City Council

0161 219 6359

Maximillian.Gibson@manchester.gov.uk

Manchester City Council, P.O.Box 532, Town Hall, Manchester, M60 2LA

From: Maximillian Gibson <Maximillian.Gibson@manchester.gov.uk>
Sent: Tuesday, March 25, 2025 11:38 AM
To: Graeme Souter <graeme.souter@manchester.gov.uk>
Subject: Re: 19 King Street cdn/25/0152 plant verification condition 3b)

Hi Graeme,

Please see comments from agent below:

The initial NIA established sound power level limits based on measured background noise levels at the nearest sensitive receptor, allowing for appropriate plant selection. The measured background is considered to provide a robust representation of the existing typical noise environment at the sensitive receptor. The validation survey established the specific sound power level of an operational unit, to be compared directly to the plant limits derived from the existing typical background, in order to demonstrate compliance with the 5dB below criteria prescribed by the planning Condition.

As all units are identical, the combined sound level for the full plant configuration has been determined via measurement of a single unit under typical operation and calculation of the combined sound power level, which provides sufficient demonstration that the combined plant rating level remains at least 5 dB below the background noise level at the nearest ESR. As per the NIA and planning Condition.

Best,

Maximillian Gibson

Planning Officer

Planning, Building Control and Licensing
Manchester City Council

0161 219 6359

Maximilian.Gibson@manchester.gov.uk

Manchester City Council, P.O.Box 532, Town Hall, Manchester, M60 2LA

From: Graeme Souter <graeme.souter@manchester.gov.uk>
Sent: Thursday, March 13, 2025 4:30 PM
To: Maximilian Gibson <Maximilian.Gibson@manchester.gov.uk>
Subject: 19 King Street cdn/25/0152 plant verification condition 3b)

Hi Max

I have reviewed the Hydrock plant verification assessment dated 23rd January 2025 reference 36953-HYD-XX-XX-TN-Y-1001 and the validation report will need to include the background noise level and the plant noise limit identified in the initial assessment based on the background noise survey with the measured plant rating at the receptors to demonstrate compliance. The assessment has only measured 1 item and calculated the remaining 3 so the assessment will also need to include the measured plant noise from all 4 units in operation.

Kind regards

Graeme

Graeme Souter
Environmental Protection Officer
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Environmental Health
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