# Green Star Short Report Round [1/2]

Ensure all prompts shown in Blue text have been responded to.

Green Star – Office Design v3

Credit: IEQ-12 Internal Noise Levels

Project Name: [name]

Project Number: GS- [####]

Points available: 2 Points claimed: [1 or 2]

1. Building Services Noise
   1. Building services noise sources

[Identify all constant building services noise sources. For each relevant noise source please identify the noise type, source location and likely noise level]

[Building services noise sources may include: Fans, Boilers, Chillers, Cooling Towers, Heat Exchange Units, Hydraulics, Air diffusers and grills and dampers, plumbing etc]

* 1. Design features which mitigate building services noise

[Provide an explanation of the design features which have been incorporated into the building design to achieve the noise levels outlined in the credit criteria with reference to the noise sources identified above]

* 1. Resultant noise levels

[Make an assessment of the likely resultant internal noise levels which can be achieved across the NLA. Ensure that worst case locations, such as floors next to plant rooms, are considered.]

[Describe how low frequency rumble does not impact building occupant’s office space]

Therefore, as demonstrated in section 1.1, 1.2 and 1.3, this project is eligible to achieve [1] point for demonstrating that within the entire base building general office space, noise from base building services does not exceed 40dB(A)Leq.

1. Overall building noise sources

In addition to the building service noise sources and design features identified above, please provide an assessment of the noise level accounting for all constant noise sources.

* 1. Noise sources (excluding building services noise sources identified in section 1.1)

[Identify all relevant noise sources. For each noise source please identify the noise type, source location and noise level]

[Noise sources may include: road traffic, rail traffic, car park, loading dock etc]

* 1. Design features which mitigate these noise sources

[Provide an explanation of the design features which have been incorporated into the building design to achieve the noise levels outlined in the credit criteria with reference to the noise sources identified above]

* 1. Resultant overall noise levels

[Make an assessment of the likely resultant internal noise levels which can be achieved across the NLA. Ensure that worst case locations, such as floors closest to traffic noise, are considered]

[Describe how low frequency rumble does not impact building occupant’s office space]

Therefore, as demonstrated in section 2.1 to 2.3, this project is eligible to achieve [1] point for demonstrating that within the entire base building general office space, noise from base building services does not exceed 40dB(A)Leq.

1. Confirmation that Design Features are included in the Tender Design of the building

In line with ruling IEQ-12 Documentation (Design) A, please include a statement from a suitable professional which confirms that the noise mitigation design features have been included in the tender documentation.

Statement:

I, [insert name of suitable professional], have reviewed Tender Documentation for [Insert project name] and can confirm that all of the design features outlined within this short report have been included in the design of the building.

## Discussion

[Insert any issues you would like to highlight and clarify to the Assessment Panel.]

Author Details:

[Insert name, position and contact details of author]

[Date]

––– **Report end** –––