Acoustic Comfort

Credit 13

Individual Building  Portfolio

Project Name: [name]

Project Number: GS- [####]

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| --- | --- | --- | --- |
| Total points available: | 1 | Points claimed: | [#] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | **Type** | **Criteria** | **Description** | **Claimed** |
| 13.1 | **Data** | **Internal Noise** **Levels** | **1 point** is available where internal ambient noise levels *of each regularly occupied primary space* are suitable for the activity type under normal operating conditions. | [#] |

# Project-specific technical questions

|  |  |
| --- | --- |
| There are no project-specific technical questions for this credit. |  |
| There are project-specific technical questions for this credit and all responses received from the GBCA are attached. |  |

# 13.1 Internal Noise Levels

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| --- | --- | --- |
| Indicate which compliance pathway has been selected and fill in the corresponding section below.  Select one option. | **13.1A** Internal noise levels have been measured, and validated as appropriate; or |  |
| **13.1B** A NABERS Indoor Environment noise level rating has been achieved. |  |

## 13.1A Internal noise measurement

Describe how the internal noise levels in regularly occupied primary spacesare measured and validated to be at appropriate levels, to meet the compliance requirements for each of the items below, by referencing supporting evidence attached to the Submission Template.

13.1A.1 Frequency of Verification

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| --- | --- |
| **Requirement** | **Supporting Evidence** |
| 13.1A.1.1 Show that a verification of sound levels has taken place at least once during the *performance period* during the normal operation of the building’s systems. | *E.g. sound level measurement results.* |

13.1A.2 Location of verification

|  |  |
| --- | --- |
| **Requirement** | **Supporting Evidence** |
| Show that the location of sound level testing has taken place in:   * Those locations at which the noise is of interest, as described by AS 1055.1-1997 (for Australian projects) or NZS 6801:2008 (for New Zealand projects); and * All ROPS identified under 13.1.2 *Location of Verification* in the Submission Guidelines. | *E.g. short report from suitably qualified professional.* |

13.1A.3 Internal noise levels

| **Requirements** | **Supporting Evidence** |
| --- | --- |
| 13.1A.3.1 Show that the sound level measurements have been verified against the current version of Australian Standard AS/NZS 2107 as applicable to the relevant space use. | *E.g. sound level measurement results.* |
| 13.1A.3.2 Verify that all sound level measurements in ROPS are within the ‘satisfactory’ sound levels provided in AS/NZS 2107. | *E.g. sound level measurement results.* |

13.1A.4 Provisions for naturally ventilated buildings

Where the building is naturally ventilated, please complete the following.

|  |  |
| --- | --- |
| **Requirements** | **Supporting Evidence** |
| 13.1A.4.1 Verify that, in naturally ventilated buildings, all measurements have been carried out with natural ventilation openings in the open position. | *E.g. sound level measurement results.* |
| 13.1A.4.2 Verify that all sound level measurements in in natural ventilated buildings are no more than 10dB(A) above the lower figure in the range recommended in ‘satisfactory’ sound levels provided in AS/NZS 2107. | *E.g. sound level measurement results.* |

13.1A.5 Recording and reporting

|  |  |  |
| --- | --- | --- |
| **Requirements** | **Supporting Evidence** | |
| 13.1A.5.1 All results have been input into the Acoustic Comfort Calculator. | |  |
| 13.1A.5.2 Verification measurements have been tabulated in the Acoustic Comfort Calculator. | |  |
| Provide any additional comment on results input into the Acoustic Comfort Calculator. |  | |
| 13.1A.5.3 All applicable areas comply with the noise level performance requirements of **Internal Noise Levels (13.1A.3);** or corrective actions have been implemented in accordance with **Corrective Actions (13.1A.6),** for any areas where noise level measurements do not comply with the requirements. | |  |

13.1A.6 Corrective actions

Where corrective actions are required for areas where noise level measurements do not comply with the requirements, please complete the following.

| **Requirement** | **Supporting Evidence** |
| --- | --- |
| Describe the corrective actions that have been implemented for any areas where noise level measurements do not comply with the requirements of 13.1A.3. | *E.g. corrective actions have been carried out in line with the acoustic consultants report. Refer to:*   * *Acoustic report; and* * *Extract(s) from the contract.* |
| Confirm that the corrective actions have been implemented within the performance period. |  |
| Describe how the corrective actions have enabled these areas to comply with the required noise levels within the *performance period*. |  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation**  (Name / title / description of document) | **Reference**  (Page no. or section) |
| *Green Star – Performance Acoustic Comfort Calculator* | [####] |
| *####* | [####] |

### DISCUSSION

Outline any issues you would like to highlight and clarify with the Certified Assessor(s).

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## 13.1B Noise measurement in NABERS Indoor Environment

Describe how noise levels have been validated to be at appropriate levels, as demonstrated through a certified NABERS Indoor Environment rating, to meet the compliance requirements for each of the items below, by referencing a valid NABERS IE report.

|  |  |
| --- | --- |
| The NABERS IE rating was completed after January 2015. |  |
| The NABERS IE rating was completed during or was valid for at least the last three months of the *performance period*. |  |
| The Ambient Sound section of the NABERS Indoor Environment Report confirms that the average ambient sound level of the base building is compliant with recommended sounds specified in AS/NZS 2107. |  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation**  (Name / title / description of document) | **Reference**  (Page no. or section) |
| *NABERS IE report* | [####] |
|  | [####] |

### DISCUSSION

Outline any issues you would like to highlight and clarify with the Certified Assessor(s).

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# DECLARATION

I confirm that the information provided in this document is truthful and accurate at the time of completion.

Provide author details, including name, position and email address:

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|  |

Click here to enter a date.