# refrigerant Impacts

### Credit 28

### Design Review Submission As Built Submission

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Criteria | Description | Points Available | Points Claimed |
| **28** | **Refrigerant Impacts** | The combined Total System Direct Environmental Impact of the refrigerant systems in the building is less than 15.  OR | 1 |  |
| The combined Total System Direct Environment Impact (TSDEI) of the refrigerant systems is between 15 and 35, AND a leak detection system with automated refrigerant recovery is in place.  OR |  |
| No refrigerants are employed by the nominated building systems. |  |

## Project-specific technical questions (formerly tcs and cirs)

|  |  |
| --- | --- |
| 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 NZGBC are attached. |  |

28 Refrigerant Impacts

The Project demonstrates compliance by using the following option:

|  |  |
| --- | --- |
| There are no refrigerants employed by nominated building systems |  |
| The combined Total System Direct Environmental Impact (TSDEI) of the refrigeration equipment and systems in the building is less than 15 |  |
| The combined Total System Direct Environment Impact (TSDEI) of the refrigerant equipment and systems in the building is between 15 and 35, and a leak detection system with automated refrigerant recovery is in place. |  |

Provide a list of nominated systems to be included in the credit clearly outlining refrigeration equipment and refrigerant used.

Provide a summary of the building commissioning plan, clearly outlining refrigeration equipment.

|  |  |
| --- | --- |
| The building commissioning has taken place according to the plan. |  |

If the TSDEI is between 15 and 35, provide a summary of the leak detection and automated refrigerant recovery system.

The results from the Impacts from Refrigerants Calculator are as summarised below:

|  |  |
| --- | --- |
| **Calculator Item** | **Result** |
| Sum of DEI x Plant Cooling Capacity |  |
| Sum of Cooling Capacity of all Rated Equipment |  |
| Total System Direct Environmental Impact of Refrigerants |  |

[Insert hyperlinks to green star impacts from refrigerants calculation]

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

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

## DISCUSSION

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

## 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:

[Date]

––– **Report end** –––