

Green Star – Design & As Built Submission Template

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

Design Review / As Built Submission [Delete as appropriate]

Credit: Microbial Control

Project Name: [name]

Project Number: GS- [####]

Points available: 1

Points claimed: [1]

Microbial Control

The project has been designed to minimise harmful microbes in building systems in accordance with the following criteria:

[Please select the applicable systems utilised in project]

Credit Criteria	Description	Points available	Points claimed
1 Legionella impacts in refrigeration systems	Naturally ventilated	1	<input type="checkbox"/>
	Water-less heat rejection systems		<input type="checkbox"/>
	Water-based heat rejection system that includes measures for Legionella control and a Legionella Risk Management Plan		<input type="checkbox"/>

[Please enter the number of points claimed for each criterion, 0 if no points are being claimed or N/A if the criterion is not applicable to the project]

1 Legionella Impacts in Refrigeration Systems

[Describe the buildings cooling system(s)]

Natural Ventilation and Waterless Heat Rejection

The project meets the requirements of this credit if the building as either naturally ventilated or the cooling system(s) do not contain water.

Water-Based Heat Rejection System

A Water-Based Heat Rejection System has been designed to mitigate risks from Legionella in certain climates.

It has been designed and built according to AS 3666.1:2011 and the Victorian Public Health and Wellbeing Act 2008. In addition the system includes the following features

- The water contained in the system is not stored at a temperature between 20°C and 50°C;
- The system does not release an aerosol spray during operation; and
- The system is designed and built to maintain constant movement in the system to prevent water stagnation.

[Describe how the water-based cooling system meets the credit criteria including Summary of how the system avoids creating an aerosol spray during operation, how it achieves the specified temperatures, how the system prevents water stagnation and a description of the maintenance process for the system]

[Please insert hyperlink to documents that support these claims, Extracts from the Commissioning Report, As Built drawings of cooling systems, Legionella risk management plan]

Therefore as demonstrated in this section 1 the project is eligible to achieve [1] point for minimising harmful microbes.

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** ——