# Green Star Short Report Round [1/2]

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

Green Star – Office Design v3

Credit: Emi-8 Legionella

Project Name: [name]

Project Number: GS- [####]

Points available: 1 Points claimed: [1]

*NB: this Short Report template has been written in accordance with the updated Legionalla Credit which came into effect for projects registered after 18 December 2008. Projects registered before this date, have the option to use this version of the credit.*

1. No Water-Based Heat Rejection Systems  
   1.1 Naturally Ventilated Spaces

The entire building is naturally ventilated. Please refer to the [Schedule of ventilation openings / Empirical calculations / computer modelling report] which confirms that the building is able to be operated without the need for mechanical air-conditioning. Evidence of natural ventilation has been consistently provided throughout the entire submission, in particular this is clearly outlined within the Energy Conditional credit.

[Please insert hyperlinks to documents which support these claims]

* 1. Alternative Technologies

The mechanical air-conditioning provided for this building is [Variable Refrigerant Volume / other] and accordingly does not include any water based heat rejection systems. Please refer to the Extract(s) from the mechanical specification(s) and Tender drawing(s) of the HVAC system which confirm the lack of water based heat rejection systems.

[Please insert hyperlinks to documents which support these claims]

Therefore, as demonstrated in section 1 this project is eligible to achieve [1] point for minimising the risk Legionnaire’s disease by not providing water based heat rejection systems.

1. Water-Based Heat Rejection Systems

The mechanical air-conditioning system provided for this building includes water-based heat rejection systems which comply with the credit criteria. The compliant water based heat rejection systems are [combination wet/dry heat rejection systems / product name].

In addition a Legionella Risk Management plan has been drafted in accordance with [AS/NZS 3666.2:2002 or AS/NZS 3666.3:2000] and will be include in the O&M manual provided to the building owner.

[Please insert hyperlinks to documents which support these claims]

The building's heat rejection system complies with the compliance requirements outlined for water-based heat rejection system(s) as summarised below:

Does not contain water that is kept at a temperature between 20ºC and 50ºC  
 [Describe how this has been achieved]

Does release an aerosol spray during operation  
 [Describe how this has been achieved]

System is designed to maintain constant movement of water, when in operation, to prevent stagnation  
 [Describe how this has been achieved]

Designed for routine and periodic flushing to remove bio-film buildup and stagnant water from the system(s) whenever it is not in operation  
 [Describe how this has been achieved]

[Please insert hyperlinks to documents which support these claims]

Therefore, as demonstrated in section 2 this project is eligible to achieve [1] point for minimizing the risk of Legionnaire’s disease.

## 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** –––