



Finance Technical Guideline

TG011 Legionella Pneumophila in Building Water Systems

1 Purpose

This document provides guidance for the design and control of building water systems to reduce the risk of Legionella pneumophila colonies developing - particularly in relation to truncated plumbing lines.

1.1 Disclaimer

The information contained in this publication is provided in good faith and believed to be rel-of-date or misleading.

2 introduction

Legionella pneumophila is a bacterium

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The OSH Act places general duty obligations on manufacturers, designers, and

- b) The building has a waterless heat rejection system, or
- c) Any water-based heat rejection system includes measures for Legionella control and a Legionella Risk Management Plan has been provided for the system.

Refer to the GBCA Green Star rating tool for further information.

5 Standards and Codes of Practice

AS/NZS 3666.1-2011 Air-handling and water systems of buildings - Microbial control – Part 1 Design, installation and commissioning.

AS/NZS 3666.2-2011 Air-handling and water systems of buildings - Microbial control – Part 2 Operation and maintenance.

AS/NZS 3666.3-2011 Air Handling & Water Systems of Buildings – Microbial control – Part 3 Performance-based maintenance of cooling water systems.

Code of Practice: Prevention and Control of Legionnaires' Disease, 2010, Commission for Occupational Safety and Health under the provisions of the Occupational Safety and Health Act 1984 and the Mines Safety and Inspection Act 1994.

6 References

Legionnaires Disease Environmental Health Guide. Department of Health WA

Victorian Public Health and Wellbeing Act 2008

Australian Institute of Refrigeration Air Conditioning and Heating, <http://www.airah.org.au/> accessed November, 2007.

7 Document Control

TRIM Reference	2015/02812 DOC 02202854
Revision Date	July 2021
Next Revision	July 2022

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Date	Author	Reason	Sections
22/03/2017	C Maclean	Format update	
19/10/18	K.Maher	Update links Revise Version Control Protocol Revise Principal Architect	References Document Control Document Approval
6/07/2021	A Raynes-Goldie	Revise BMW references	All

8 Document Approval

This guideline was endorsed and approved for use on 6 July 2021 by:

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