

INSTALLATION CERTIFICATE - Mechanical Services

Mechanical Ventilation and Air Conditioning Systems

Site Details:			
Project Name:	Smalls Road Public School	Address:	3B Smalls Road RYDE (Lot 1 DP830420)
Suburb:	RYDE	State:	NSW
		Postcode:	2112
Description of Work:	Mechanical Ventilation and air conditioning		
Details of development / building approval:			
DA / CDC/SSD:	SSD8372	Consent authority	Date original SSD granted:
		NSW Department of Planning & Environment	2 nd November 2018
CC:		Certifying authority	
		Blackett Maguire + Goldsmith	

Certification:

I, the undersigned, certify that:

1. The following mechanical ventilation services/systems:


All mechanical ventilation services/systems that relate to the above development that form part of the development has been installation and documented in accordance with normal engineering practice and have been coordinated with the relevant SSD consent conditions and Construction Certificate Plans approved for construction. The design has also been checked to comply with the requirements of:

- Mechanical Ventilation and Air Conditioning System has been installed in accordance with AS 1668.1-2015 and AS1668.2-2012.
- BCA 2016 amendment 1, Clause E2.2, Table E2.2a, Specification E2.2, Specification E2.2b & clause D1.7(d)
- BCA 2016 amendment 1 section J5
- Fire Dampers comply with BCA 2016 amendment 1, C3.15 & AS/NZS 1668.1:2015, AS 1668.2-2012, AS 1682.1-1990, AS 1682-2-1990 and to manufactures specifications.
- Fire seals comply with BCA 2016 clause C3.15, AS 1530.4-2005, AS4072.1-2005 and installed in accordance with the tested prototype.
- Provision for access for future maintenance has been provided to all fire dampers in accordance with AS1851.
- BCA report by Blackett Maguire + Goldsmith reference 160339 issue 01 dated 13th February 2019.
- Any air handling which does not form part of the smoke control system (other than individual room units with a capacity not more than 1000 L/s, system serving critical treatment areas and miscellaneous exhaust air systems installed in accordance with Sections 5 and 6 of AS/NZS 1668.1-2015) shuts down in fire mode as required by Clause E2.2 of BCA 2016.

2. I am an appropriately qualified practising mechanical ventilation services designer / engineer and have:

- a) Appropriate current professional indemnity insurance (taken up by me or my employer as appropriate) to the satisfaction of the building owner or the principal authorising the design work; AND, one or more of the following;
- b) Appropriate tertiary qualifications in Mechanical Engineering;
- c) Corporate membership of the Institution of Engineers Australia in Mechanical Engineering discipline or equivalent; OR
- d) Relevant experience in the area of work being certified.

The following details must be provided in full:

Name:	William Dale	Qualification:	FIEAust CP Eng. No754558
Company Name:	ACES Pty Ltd	ABN No:	37 122 466 693
Company Address:	Unit 7, 192 Kingsgrove Road, KINGSGROVE 2208	Tel:	9336 3200
Signature:		Position Title:	National Construction Director
		Date:	11/12/2018