

## BCA COMPLETION STATEMENT Building Code of Australia (BCA) 2016 Amendment 1

Project Reference No. GDL190044

### 1. APPLICANT DETAILS

Name NSW Department of Education  
Address 164 Walters Road, Blacktown NSW 2148  
Contact Tel: 02 8867 9204 Mobile: - Email: wsamudirector@det.nsw.edu.au

### 2. DETAILS OF THE BUILDING

Address Galungara Public School (Alex Avenue), Farmland Drive, Schofields NSW 2762  
Description of the building (whole or part) Construction of new school consisting of administrative and teaching facilities, and associated works  
**This BCA Completion Statement (Crown Completion) relates to Block A, B1, associated COLA's and Main Entry Portal only**  
BCA Classification 5 - Office, 9b – Educational Establishment

### 3. INFORMATION ATTACHED TO THIS DECISION

- Schedule "A" – Information relied upon in certificate determination  
 Limitations / Exclusions

### 4. STATEMENT OF COMPLIANCE

I hereby confirm that:

- Based upon visual inspection, and reliance upon the submitted documentation it is our opinion the new works subject of this assessment have been satisfactorily completed in accordance with the National Construction Code, Volume 1, Building Code of Australia 2016 Amendment 1 (BCA).

Certificate No: GDL190044.3 Date of this Certificate: 30/11/2020

Name: Charles Slack-Smith, NSW Fair Trading; BDC0378

Signature:

Address: Suite 7.02, Level 7, 10 Bridge Street, Sydney NSW 2000

Contact Tel: 02 8355 3160

COMPLETION CERTIFICATE (continued)

Certificate No. **GDL190044.3**

## 5. DESIGN DOCUMENTATION

The Documentation and Architectural plans as listed in the BCA Design Statement issued by Group DLA for this project has been relied upon as part of the BCA assessment at the Design stage, and reliance upon this information continues for the issue of this BCA completion statement.

## 6. SCHEDULE A – INFORMATION RELIED UPON IN STATEMENT DETERMINATION

- Final Fire Safety Certificate issued by Isaac Pinkerton of Richard Crookes Constructions, dated 26/11/2020
- Installation Certificate for Service Penetrations to Fire Rated Elements, issued by Andrew Hume of Modulair Pty Ltd, dated 06/10/2020
- Installation Certificate for Fire Hydrant System issued by Jared Doolan of Doolan Plumbing Pty Ltd, dated 19/10/2020
- Installation Certificate for Fire Seals issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Lightweight Construction issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Floor Fire Rating issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Lightweight Fire Protection (Plasterboard) issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Lightweight Fire Protection (Walls, Floor and Columns) issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Service Penetrations to Fire Rated Elements, issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Fire Doors issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Mechanical Air Handling Systems issued by Andrew Hume of Modulair Pty Ltd, dated 06/10/2020
- Installation Certificate for Portable Fire Extinguishers issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Structural Engineering issued by Dragan Kocev of D&A Consulting Group Pty Ltd, dated 06/10/2020
- Installation Certificate for Non-Structural Elements issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Timber Structural Elements issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Fire Hazard Properties issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Fire Hazard Properties issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Fire Seals, issued by Andrew Hume of Modulair Pty Ltd, dated 06/10/2020
- Installation Certificate for Door Latching issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Waterproofing, External Walls issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Waterproofing, External Walls issued by Mirko Radovanovic of MTZ Projects Pty Ltd, dated 08/10/2020
- Installation Certificate for Sarking issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Glazing Works issued by Aaron Pittman of Evolution Window Systems, dated 27/10/2020
- Installation Certificate for Student Toilet Signage issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Natural Lighting issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Mechanical Ventilation issued by Andrew Hume of Modulair Pty Ltd, dated 06/06/2020
- Installation Certificate for Thermal Insulation issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Building Fabric issued by Stefan Seketa of Modscape, dated 08/10/2020

## COMPLETION CERTIFICATE (continued)

### Certificate No. **GDL190044.3**

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- Installation Certificate for Building Sealing issued by Peter Angelopoulos of Strategic Building Services, dated 27/10/2020
- Installation Certificate for Door Seals issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Mechanical Ductwork (Flex & Rigid), issued by Andrew Hume of Modulair Pty Ltd, dated 06/10/2020
- Installation Certificate for Framing Works issued by Andrew W. Marren of AKM Projects Pty Ltd, dated Oct 2020
- Installation Certificate for Warning and Operational Signs issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Fire Seals, issued by Stefan Seketa of Modscape, dated 08/10/2020
- WSUD Maintenance Schedule Reference No. 182535 Revision A, issued by Northrop, dated 19/10/2020
- Site Audit Report No. 19175\_SAR155 issued by Rebeka hall of Zoic Environmental Pty Ltd, dated 10/09/2019
- Site Audit Statement No. SAS155 issued by Rebeka hall of Zoic Environmental Pty Ltd, dated 10/09/2019
- Certificate of Test No. FNC12071 for Aluminium Foil Products issued by Faustin Molina of CSIRO, dated 12/12/2017
- Certificate of Test No. FNC11220 for Fortaglas / Phoenix Products issued by Heherson Alarde of CSIRO, dated 21/08/2014
- Test Report No. 18-005157 for "TBA Firefly Non Combustible Sarking - Breathable EKA 161/1.27m - B" issued by Michael A. Jackson of Australian Wool Testing Authority Ltd, dated 07/09/2018
- Certificate of Test No. FNC11437A for Stryum Aluminium Façade issued by Heherson Alarde of CSIRO, dated 22/07/2015
- Certificate of Test No. FNE11605 for BlueScope Colorbond Steel issued by Heherson Alarde of CSIRO, dated 03/03/2016
- Test Report No. 148276 for iQ Granit SD issued by M.B Webb of APL Australia Pty Ltd, dated 09/08/2014
- Fire Assessment Report No. FAR 4055 Issue 2 for Assessment on Autex Wall Lining issued by Branz, dated 08/10/2013
- Test Report No. 7-597568-CN for Timber Internal Flooring issued by Michael A. Jackson of Australian Wool Testing Authority Ltd, dated 26/05/2014
- IGNIS Engineering Certification issued by Benjamin Hughes-Brown of IGNIS, dated 7/06/2019
- Certificate of Conformity No. CM20029 for AIR-CELL Insulwhite®, Glareshield XL™, Insulbreak®, Permicav XV™, Permifloor®, Permishield®, Permiwall® issued by Kevin Goodwin of CodeMark, dated 16/12/2018
- EWFA Test Report No. 379069-00.1 for Askin Insulated panel with XFlam Core issued by J. Richardson and C. m. McLean of Exova Warringtonfire, dated 04/11/2015
- Design Certificate for External Wall Components (Type A & B Construction) – New Build all facades issued by Kumar Singh of Modscape Commercial Pty Ltd, dated 16/07/2019
- Test Report No. RTF180222 for Wall and Ceiling Lining, Revision R1.0 issued by Warringtonfire, dated 18/12/2018
- Data Sheet for Colorbond Steel issued by BlueScope
- Design Certificate for External Wall Components (Type A & B Construction) – Student Amenities in COLA Area issued by Joelle Sarkis of Group GSA, dated 02/06/2020
- IGNIS Engineering Certification issued by Benjamin Hughes-Brown of IGNIS, dated 04/02/2019
- Test Report No. 45981 for Fire Hazard Properties of Plywood for use as internal wall and ceiling linings, Revision R10.0 issued by Warringtonfire, dated 23/07/2019
- Certificate of Test No. FNC11629 for Rockwool / Stone Wool issued by I issued by Heherson Alarde of CSIRO, dated 18/03/2016
- Product Guide for Rockwool Stonewool Party Wall Fire Stop issued by AIS
- Product Sheet for TBA Firefly Non-Combustible Sarking-Breathable
- Product Sheet for TBA Firefly Non-Combustible Sarking- Non Breathable
- Test Report No. 5017s for Tred-fx 'B' Floor safety insert ( black and yellow) issued by Gerald Fisher of CSIRO, dated 21/08/2009

## COMPLETION CERTIFICATE (continued)

**Certificate No. GDL190044.3**

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- Test Report No. 3351-1Bs for 2810 / 2811 Stainless Steel Grooved to top Face Board issued by Peter Westgate of CSIRO, dated 21/09/2005
- Slip Test Report No. 1-L0052.18 for SH60 Gritted (Yellow) and Stainless Steel Tactile Studs on Plywood issued by G. Sandford of OPUS International Consultants Ltd, dated 23/05/2005
- Consultants Advice Notice (CAN 1.0) for X-Flam with BCA Clause C1.10 issued by Gino Catalina of GinCat Fire Engineering Pty Ltd, dated 09/07/2019
- Installation Certificate for Building Sealing issued by Stefan Seketa of Modscape, dated 25/11/2020
- Installation Certificate for Disabled Access and Egress issued by Richard Seidman of i-Access Consultants, dated 16/11/2020
- Installation Certificate for Door Latching issued by Aaron Pittman of Evolution Window Systems, dated 26/11/2020
- Installation Certificate for Door Seals issued by Stefan Seketa of Modscape, dated 08/10/2020
- Installation Certificate for Energy Monitoring issued by Darren O'Conner of Ergo Group Pty Ltd, dated 27/11/2020
- Fire rated elements As Built Plan No. 5-02, Revision A, issued by Modacape, dated 26/04/2019
- Installation Certificate for Hydraulic Systems (Water supply, Sanitary plumbing and Stormwater) issued by Jared Doolan of Doolan Plumbing Pty Ltd, dated 27/11/2020
- Design Certification for Lifts issued by Gavin Kent of Hamilton Elevators NSW, dated 19/05/2020
- Installation Certificate for Roofing Materials issued by Stefan Seketa of Modscape, dated 25/11/2020
- Installation Certificate for Service Penetrations issued by Stefan Seketa of Modscape, dated 25/11/2020
- Installation Certificate for Service Penetration, Fire Rated Elements issued by Mirko Mick Radovanovic of MTZ Projects Pty Ltd, dated 26/11/2020
- Slip Check to AS 4586:2013 Report No. R7701 issued by Ryan Voorderhake of Safe Environments, dated 16/03/2018
- Product Data Sheet for Stepmaster Stairnosings issued by Walmay
- Structural Construction Certificate Stage 1 Non-Modular Buildings Only Including; COLA A/B/C, Covered Entry, Communal Hall (Non-Modular), External Stairs issued By Rory Dale of Northrop, dated 26/11/2020
- Installation Certificate for Subfloor Ventilation issued by Stefan Seketa of Modscape, dated 20/11/2020
- Installation Certificate for Waterproofing issued by Jae Jung Kim of Open Tiling Services, dated 24/11/2020
- Installation Certificate for Waterproofing of Wet Areas issued by Stefan Seketa of Modscape, dated 08/10/2020

## 7. LIMITATIONS / EXCLUSIONS

- Compliance with the Disability Discrimination Act (DDA); Disability (Access to Premises – Buildings) Standards 2010.
- Testing or Commissioning of any fire or related services. Refer to relevant certification of compliance issued for any measures altered, modified or installed as part of these works.
- This statement is issued for those elements not the subject of design or installation certification issued and listed in the statement.
- This statement excludes any Development Consent requirements or associated conditions of any planning requirements for these works and relates to confirmation of BCA compliance only subject to the above exclusions/limitations.
- Our assessment is limited to a visual inspection of accessible areas only and does not include review of any concealed spaces or the level of compliance of any elements of the base building unaffected by the subject scope of works.

## 8. FIRE SAFETY SCHEDULE

Fire Safety Measure	Standard of Performance (BCA 2016 Amendment 1)
Emergency lighting	AS 2293.1 – 2005 and BCA 2016 Amendment 1 Clause E4.2, E4.4
Exit signs	AS 2293.1 – 2005 and BCA 2016 Amendment 1 Clause E4.5, NSW E4.6 & E4.8
Fire doors (Lift and Fire Rated Doors)	AS 1735.11 – 1986, AS 1905.1 – 2005 and BCA 2016 Amendment 1 Clause Spec C3.4 and C3.10
Fire hose reel systems (Hall and Admin Areas only)	AS 2441 – 2005 and BCA 2016 Amendment 1 Clause E1.4
Fire hydrant system	AS 2419.1 – 2005 and BCA 2016 Amendment 1 Clause E1.3
Fire seals (protecting openings in fire resisting components of the building)	AS 1530.4 – 2005, BCA AS 1530.4 – 2005 BCA C3.12, C3.13, C3.15 and Fire Safety Engineering Report
Lightweight construction Lightweight construction (Fire protective covering (Ceiling), Columns, Beams)	BCA 2016 Amendment 1 Clause 4.1 of BCA Spec C1.1 (Ceiling fire rating) C1.8, Spec C1.8 and Fire Safety Engineering Report
Mechanical air handling systems (Auto shutdown)	Clause 5 of BCA 2016 Amendment 1 Clause Spec E2.2a, and sensitivity to AS 1670.1-2015 NSW BCA 2016 Amendment 1 Clause Table E2.2b
Portable fire extinguishers	AS 2444 – 2001 and BCA 2016 Amendment 1 Clause E1.6
Warning and operational signs	BCA 2016 Amendment 1 Clause D3.6 (Accessible Exit Signs), BCA 2016 Amendment 1 Clause E3.3 (Lift)
Fire Engineering Report Reference No. 110469-FER-r5, issued by BCA Logic, dated 02/07/2020 – Fire rating of structure/materials via Performance not DTS BCA – Compartment Size justification – Openings within 3m of inter allotment boundary	Clause CP1, CP2 of BCA 2016 Amendment 1
Sub Floor Space Restriction (No Combustible materials stored under buildings)	Fire Engineering Report Reference No. 110468-FER-r5, issued by BCA Logic, dated 02/07/2020 Management in Use Plan, issued by Department of Education ,dated 17/04/2020

30/11/2020

NSW Department of Education  
Attention: David Brennan  
164 Walters Road  
Blacktown NSW 2148

**BCA Completion Statement No. GDL190044.3**

**Galungara Public School (Alex Avenue), Farmland Drive, Schofields NSW 2762**

I am pleased to forward your BCA Completion Statement for this Stage of the project being for Block A, B1, COLA and Main Entry Portal works only.

Should you have any queries regarding this matter please do not hesitate to contact the undersigned on 02 8355 3160.

Yours sincerely

Charles Slack-Smith  
Director