

# SQM International Pty Ltd

ABN: 99 667 647 289

ACN: 667 647 289

Contact: 0478035123

Email: [info@sqminternational.com.au](mailto:info@sqminternational.com.au)



SQM INTERNATIONAL

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## Certificate of Kitchen Ventilation Design for Construction Certificate

Monday, 21 October 2024

Re: Certificate of Kitchen Ventilation Design for Construction Certificate Approval

Identification of Building – SHOP 2, 11 ADA AVE, BROOKVALE, NSW, 2100

Particulars of Building – Kitchen Ventilation System

Pursuant to the provisions of Clause A5.2 of the Building Code of Australia. I hereby by certify that the above design on new installed equipment is in accordance with normal engineering practice and meets the requirements of the Building Code of Australia, the Environmental Planning and Assessment Regulation, relevant Australian Standards and conditions of Development Consent. The design is in accordance with the following:

- Subdivision 4 – Mechanical Ventilation System
- The relevant clauses of the National Construction Code 2022

NCC Clause	Description (Mechanical)
Section C	Fire Resistance
Specification 7 – S7C5	Fire Resistance Fire Hazard Property Air-handing Ductwork
C4D3	Fire Resistance Protection of Openings Protection of Openings in External Walls
C4D13	Fire Resistance Protection of Openings Protection in Floors and Ceilings for Services
C4D15	Fire Resistance Protection of Openings Protection for services installations
Section E	Smoke Hazard Management
E2D3 & E2D5	Smoke Hazard Management General Requirements
Section F	Health and Amenity
F6D6	Health and Amenity Light and Ventilation Ventilation of rooms
F6D12	Health and Amenity Light and Ventilation Kitchen Local Exhaust Ventilation
F8D4	Health and Amenity Condensation Management Exhaust Systems

Section J	Energy Efficiency
J5D6	Energy Efficiency Building Sealing Exhaust Fans
J6	Energy Efficiency Air-conditioning and Ventilation

- The referenced Australian Standards listed in the Building Code of Australia (Schedule 4 Referenced Documents) as follows:

Standard	Description (Mechanical)
AS1668 Part 1: 2015 The use of ventilation and air-conditioning in buildings – Fire and smoke control in buildings (in incorporating amendment 1)	The use of ventilation and air-conditioning in buildings Part 1: Fire and smoke control in buildings
AS 1668.2: 2012 The use of ventilation and air-conditioning in buildings – Mechanical ventilation in buildings (in incorporating amendment 1)	The use of ventilation and air-conditioning in buildings Part 2: Mechanical ventilation for acceptable indoor-air quality
AS 4674: 2004	Design, Construction and Fit-out of food premises, Clause 2.5.2

The following is a schedule of the relevant service design drawings and specifications.

Drawing Number	Drawing Name	Revision
M-000	COVER SHEET & DRAWING LIST	3
M-001	LEGEND, NOTES, DETAILS & FAN SCHEDULE	2
M-110	FITOUT KITCHEN VENTILATION PLAN	3
M-120	SECTION - KITCHEN VENTILATION	3
M-130	ELEVATION - SHOPFRONT	3

I am an appropriate qualified and competent person in this area, who possess indemnity insurance to the satisfaction of the building owner. As such I can certify that the design and performance of the design systems comply with the above.

Full Name of Designer: **Jian Shang**



Yours sincerely,

Jian Shang

Mechanical Engineer | M.Eng | M.AIRAH | MIEAust No. 4519029

Professional Engineer Registration No. PRE0002112

Principal Design Practitioner Registration No. PDP0001161

Design Practitioner Registration No. DEP0003420