



**TWB Engineering Solutions Pty Ltd**

**ABN: 72161366221**

**P.O. Box 173, Toongabbie, NSW 2146**

**Mobile: 0434281562**

**Email: jxie863@gmail.com**



18/6/2024

Mr. Ian Revelman  
Director  
Labsupply Australia Pty Ltd  
3B/87 Allingham St  
Condell Park NSW 2200  
Australia

Dear Ian,

**Certification for Installations at Labsupply Australia Pty Ltd  
3B/87 Allingham St, Condell Park NSW 2200**

I have conducted inspections on the 5<sup>th</sup> and 12<sup>th</sup> of June 2024 for the installations of one double toilet pods sized 2.10 m x 1.30 m, one bathroom pod sized 2.17 m x 1.90 m, and one Washroom sized 4.90 m x 2.90 m with an air-conditioning unit as per post-construction photos shown in the Appendix. The purposes of the inspections are to ascertain the above-mentioned systems form as an integral part of the mezzanine system in service.

With the completion of the required detailing and connection work briefed onsite in the first inspection, I can certify that the above installations are in accordance with normal engineering practice and meets the requirements of the Building Code of Australia 2022 and relevant Australian Standards.

It needs to be addressed that the roofing systems for the above installations are not designed to resist any other loads other than the existing facilities installed, such as foot traffic, stacking of other goods etc.

The preparation for this installation certificate has also referenced the following standards:

<b>Act, Regulation or NCC</b>	<b>Section, Regulation, Part, Performance Requirement or Other Provision</b>
AS/NZS 1170.0- 2002	Structural Design Actions Part 0: General Principles
AS/NZS 1170.1- 2002	Structural Design Actions Part 1: Permanent, Imposed and Other Actions

**Note:** The mezzanine floor has been certified to be able to take 500kg/m2 by R. Balas Consulting P/L.



TWB Engineering Solutions Pty Ltd

ABN: 72161366221

P.O. Box 173, Toongabbie, NSW 2146

Mobile: 0434281562

Email: jxie863@gmail.com



ENGINEERS  
AUSTRALIA  
Chartered Professional Engineer  
MEMBER

**Design Compliance Statement with the Building Code of Australia**

Contents of Design Specifications		Building Code of Australia (BCA) requirement
1	Design Principles	AS 1170.0:2002
2	Loads	AS 1170.1:2002
3	Loads	AS1170.4 – 2007
4	Design Steel Pallet Racking	AS 4084:2012

Yours faithfully,

JONATHAN XIE, B Eng Sc, M Eng Sc, PhD (Civil Eng.), FIEAust, IntPE (Aus), CPEng  
(NPER)



**TWB Engineering Solutions Pty Ltd**

**ABN: 72161366221**

**P.O. Box 173, Toongabbie, NSW 2146**

**Mobile: 0434281562**

**Email: [jxie863@gmail.com](mailto:jxie863@gmail.com)**

## **APPENDIX**

### **Details of Onsite Installations**



**Welded Coner Stopper Angle**



**TWB Engineering Solutions Pty Ltd**

**ABN: 72161366221**

**P.O. Box 173, Toongabbie, NSW 2146**

**Mobile: 0434281562**

**Email: [jxie863@gmail.com](mailto:jxie863@gmail.com)**



**Side Anchor Angle with Screw Fixing**



**TWB Engineering Solutions Pty Ltd**  
ABN: 72161366221  
P.O. Box 173, Toongabbie, NSW 2146  
Mobile: 0434281562  
Email: [jxie863@gmail.com](mailto:jxie863@gmail.com)



**Side Anchor Angle with Screw Fixing**





**TWB Engineering Solutions Pty Ltd**

**ABN: 72161366221**

**P.O. Box 173, Toongabbie, NSW 2146**

**Mobile: 0434281562**

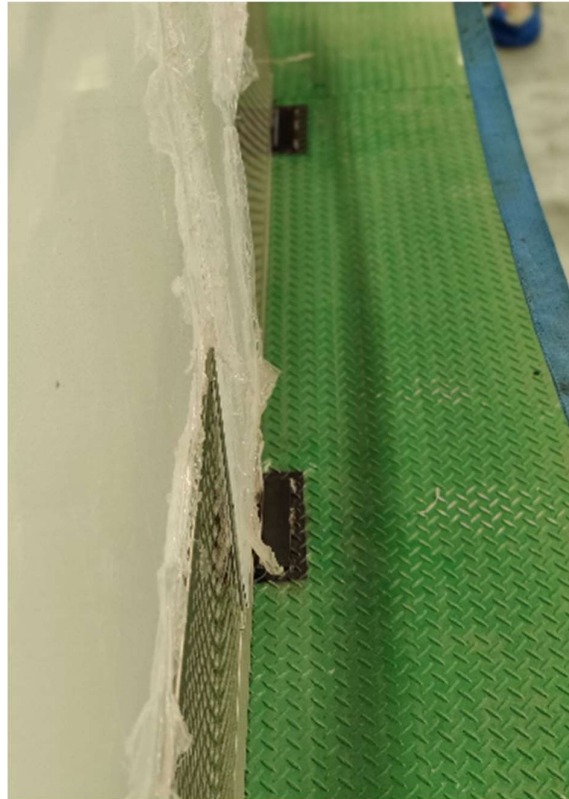
**Email: [jxie863@gmail.com](mailto:jxie863@gmail.com)**



**Side Anchor Angle with Screw Fixing**



**TWB Engineering Solutions Pty Ltd**  
**ABN: 72161366221**  
**P.O. Box 173, Toongabbie, NSW 2146**  
**Mobile: 0434281562**  
**Email: [jxie863@gmail.com](mailto:jxie863@gmail.com)**



**Side Anchor Angle with Screw Fixing**



**TWB Engineering Solutions Pty Ltd**

**ABN: 72161366221**

**P.O. Box 173, Toongabbie, NSW 2146**

**Mobile: 0434281562**

**Email: [jxie863@gmail.com](mailto:jxie863@gmail.com)**



**Non-Trafficable Rooftop**





**TWB Engineering Solutions Pty Ltd**

**ABN: 72161366221**

**P.O. Box 173, Toongabbie, NSW 2146**

**Mobile: 0434281562**

**Email: [jxie863@gmail.com](mailto:jxie863@gmail.com)**



**Non-Trafficable Rooftop**