Lewis
Consulting Structural Engineers
ABN 35 639 409 911

27 May 2025

Our Ref: 25015-C01

oOh! Media Pty Ltd
Attn: Anita Burgermeister – Commercial Director

Glebe Island Silos, Existing Signage – Structural Certification

Dear Anita,

Lewis Design Group (LDG) were commissioned by oOh Media to undertake a structural assessment of the existing signage structure attached to the Glebe Island Silos building.

The purpose of the assessment was to determine the structural adequacy of the existing signage structure and its compliance regarding the relevant current Australian Standards. We note that our scope was limited to the steel structure directly supporting the screen and does not include assessment of the base building.

The methodology for the structural assessment of the existing signage framing included:

- Desktop review of previous structural condition assessment reports.
- Detailed site survey of existing steel framing. We note that existing structural 'as built' drawings were not available for our review.
- Documentation of existing structural framing
- Structural analysis of wind loading in accordance with AS 1170.0- 2002, AS1170.1-2002, and AS 1170.2-2021
- Structural analysis of the steel framing supporting the screen AS 4100-2020
- Review of the existing structure for adequacy and compliance with current relevant Australian Standards

The following reasonable assumptions were made:

- It has been assumed that the structure was installed with materials that were the standard strength grades of the time (circa 1994)
- It has been assumed that the base building structure is adequate to support the additional wind sail of the screen. We note that the signage structure has been in place approximately 30 years and that no significant signs of structural distress in the base build structure from wind loading has been identified in previous structural assessment reports
- It has been assumed that all typical bolt connections are 'snug tight' to AS4100 and that all cantilevered connections are 'TB tight' to AS4100
- Where structure was obscured during the site survey, it has been assumed that this is similar to adjacent typical structure

Sydney
Suite 102, 88 Foveaux St
Surry Hills, NSW 2010

Mid North Coast
Bellingen, NSW 2454

The structural design assessment of the existing steel sign framing has been assessed in accordance with relevant provisions of the standard building codes current at the time of the review and in accordance with accepted engineering practice and principles. In particular the assessment is in accordance with:

- AS 1170 Structural Design Actions (AS1170.0-2002, AS1170.1-2002, AS1170.2-2021, AS1170.4-2007)
- AS 4100 Steel Structures – 2020

Our findings from the structural analysis were as follows:

- **The Southern Elevation of the screen steel framing was determined as being structurally adequate and compliant with Australian Standards as noted above**.
- **The Western Elevation of the screen steel framing was determined as being structurally adequate and compliant with Australian Standards as noted above**.

It is recommended that the structure be regularly inspected for any sign of distress as part of routine maintenance.

This report shall not be construed as relieving any other party of their responsibilities, liabilities or contractual obligations.

Yours sincerely,

Tomm Lewis
Director
BEng Civil (Hons), MIEAust, CPEng, NER

Tel: 0434820279

The Institution of Engineers Australia: Membership Number 2389910
BLA (Building Licensing Authority, Victoria) Registration Number PE0002882