

ANDREW BAIGENT

CONSULTING ENGINEER

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Our Ref: 181263/01/AHB

Date: 22 November 2018

CERTIFICATE OF STRUCTURAL ADEQUACY

To: Kotzur Pty Ltd

Address: 60 Commercial Street, Walla Walla, NSW, 2659

Attention: Mr Bid Biswal

Project: 185 cub m Silo
Newcastle Agri Terminal Pty Ltd
38 Robertson Road, Carrington, NSW, 2294

Certification: I, Dr Andrew Baigent, am a practicing consulting structural engineer. I certify, having exercised reasonable skill, care and diligence in accordance with the ethics and practice of the engineering profession that the structural engineering aspects of the above silo, including the support structure and footing complies with the requirements of Part B1 Structural Provisions and with Performance Requirement P2.1.1 of the Building Code of Australia. In addition, the design complies with the current relevant Australian Standards as listed below. This certification is in relation to the following document.

Document:

- J07964-07, Sheet 2 of 3, prepared by Kotzur Pty Ltd, 26 November 2013
- J07964-04, Sheet 1 of 8, prepared by Kotzur Pty Ltd, 23 November 2013
- J07964-10, prepared by Kotzur Pty Ltd, 22 November 2013

Australian Standards:

- 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
- AS/NZS 1170.2-2011 Structural Design Actions, Part 2: Wind Actions
- AS 1170.4-2007 Structural Design Actions, Part 4: Earthquake Actions in Australia
- AS 3600-2009 Concrete Structures
- AS 3774-1996 Loads on Bulk Solids Containers
- AS 3990-1993 Mechanical Equipment - Steelwork

Signed:

Andrew Baigent,

Dr A.H. Baigent

B.E., Ph.D., Grad.Dip.Bus.Admin., C.P.Eng.,
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