



ACN 010 959 841

# Arthur Thiris & Assoc. Pty. Ltd

## Consulting Engineer

36 Oakmont St.,  
Carindale, Qld. 4152

E-mail: athiris@bigpond.net.au

Ph: (07) 3420 3648

Fax: (07) 3420 3649

---

### Structural Design Check Certificate

---

Project Description : New Crane Stand – Pump Station at  
Hopkins St., Beaudesert

For : Altra9 Pty Ltd

Drawing Number : 486/5/7-0256- 052, 053

Our Reference : 12-008-D

---

#### Scope of Certificate:

Structural steel stand supporting new crane

#### Design Criteria:

To accommodate the safe working loads for the Crane – Kevrek 1500

Safe working load of 1250 kg at a radius of 1.203 m

Calculated Working Moment of 15.0 kNm

#### Codes of Practice:

AS 1170.1 2002	Structural Design Actions – Permanent, Imposed & Other Actions
AS 4100 1998	Steel structures

"I hereby certify that the structure under consideration has been designed in accordance with the relevant Standard Codes and publications referred to herein and in accordance with the good engineering practice.

On this basis, the structure completed in accordance with the above described plans and specifications and in accordance with the designed conditions of use identified herein will be structurally sound."

Signed: .....

Date: 9/5/2012

Arthur Thiris R.P.E.Q. (3325)