

# A. A. Barnes & Coy Pty Ltd

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Consulting Engineers

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TuffLift P/L

13 Nov 19

## Machinery description:

Vehicle Hoist

## Mark machinery:

Plant model,	TLP4.00H
Rated capacity,	4.00 t

## Engineer's Certification:

Certification number,	Tuf56A
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This machinery has been checked in accordance with:

AS 1418.1 - 2002	Cranes code
AS 1418.9 - 1996	Vehicle hoists
AS 3990 - 1993	Mechanical Equipment - Steelwork
AS1480 - 1982	Concrete structures code

Occupational Health & Safety Regulations 2017, Victoria

## Minimum concrete slab for hoist:

Minimum concrete strength,	32.00 MPa
Minimum concrete depth,	100.0 mm
Minimum reinforcing mesh,	261 mm <sup>2</sup> per m
Square mesh,	SL92

In my opinion the design adequately complies with the listed codes, & regulations as required by WorkSafe Victoria, & is capable of safely & effectively carrying out the functions for which it was designed.

A copy of the calculations & drawings is attached.



Alex A. Barnes

