

## Certificate of Compliance

Project:	<b>Certification of Drum Trolley</b>	Prepared:	Mitchell Stewart-Smith
Client:	Cable Laying Products	Issue Date:	28 January 2014
		Revision	0
Job No.	CLP-006	Total pages:	2

### Scope:

As requested by Cable Laying Products an Engineer from Practical Engineering has performed a structural assessment and certification of the DTP-500 Drum Trolley to the following design data, assumptions and applicable Australian Standards.

### Drawing data:

- DTP-500 Rev A General Assembly
- DTP-500-1 Rev A Component Parts
- DTP-500-2 Rev A Component Parts
- DTP-500-3 Rev A Component Parts
- DTP-500-4 Rev A Component Parts
- DTP-500-5 Rev A Base Assembly
- DTP-500-6 Rev A Component parts
- DTP-500-7 Rev A Handle Frame
- DTP-500-8 Rev A Component Parts
- DTP-500-9 Rev A Drum Spindle Detail
- DTP-500-10 Rev A Locking Collar
- DTP-500-11 Rev A Drum Spindle
- DTP-500-12 Rev A Handle Bending Detail
- DTP-500-EV Rev A Exploded View

### Applicable Standards:

The following Australian Standards were used to assess the Drum Trolley:

- AS3990:1993 *Mechanical equipment—Steelwork*

### Exclusions

The exclusions to the certificate include:

- Analysis and selection of any wheels or castors

Certification Requirements

- The Drum Trolley is suitable for a W.L.L of 500 kg
- Minimum welded bolt (axle) length of 150mm for the above W.L.L
- Axle bolts must be Grade 8.8 minimum material specification
- Prior to use, the Drum Trolley is to be inspected for corrosion, deformation and cracking. If any of the mentioned failures are present, the Drum Trolley is to be repaired before further use

Marking

Recommended marking should include:

1. W.L.L: 500kg
2. [Manufacturer]
3. [Date of manufacture]

Results:

Analysis shows that the DTP-500 Drum Trolley complies with the listed Australian Standards and has a W.L.L of 500kg.

I, Dan Henderson, certify that the above mentioned has been assessed in accordance with relevant Australian Standards and is fit for purpose.



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**Dan Henderson** *MIEAust CPEng NPER RPEQ*  
For and on behalf of Practical Engineering Australia Pty Ltd.