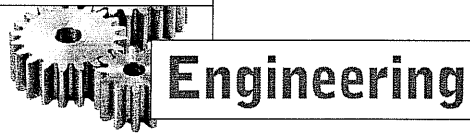


Certificate of Compliance



Project:	8T Drum Jack	Prepared:	Ryan McNamara
Client:	Cable Laying Products	Date:	16 April 2012
Job No.	CLP001	Total pages:	2

Scope:

Calculation to assess and certify a drum jack for a W.L.L of 8T

Design data:

HDJ-2500	Assembly, Rev D	Dated 30/04/2008
HDJ-2500-1	Support Plate, Rev F	Dated 12/06/2008
HDJ-2500-2	Bearing Boss, Rev A	Dated 27/03/2007
HDJ-2500-3	Top Hinge Spacer, Rev C	Dated 04/03/2008
HDJ-2500-4	Hinge Arm Detail, Rev E	Dated 05/02/2007
HDJ-2500-5	Slide Details, Rev B	Dated 10/01/2007
HDJ-2500-6	Sliding Support Details, Rev B	Dated 12/12/2006
HDJ-2500-7	Main Frame, Rev E	Dated 10/01/2007
HDJ-2500-8	Upper Hinge Strap, Rev C	Dated 09/01/2007
HDJ-2500-9	Jack Plate Details, Rev C	Dated 25/07/2011
HDJ-2500-10	Wedge, Rev A	Dated 31/30/2000
HDJ-2500-11	Drum Cone Assembly, Rev A	Dated 31/30/2000
HDJ-2500-12	Locking Collar, Rev A	Dated 31/03/2000
HDJ-2500-13	Lower Hinge Plate, Rev E	Dated 07/02/2011
HDJ-2500-14	Component Parts, Rev C	Dated 12/12/2006
HDJ-2500-15	Cast Drum Cone Assembly, Rev A	Dated 07/06/2000
HDJ-2500-16	Cast Bronze Sleeve Detail, Rev C	Dated 07/06/2000
HDJ-2500-17	Spindle and Assembly, Rev B	Dated 19/03/2012
HDJ-2500-18	Threaded Insert, Rev A	Dated 04/03/2008
HDJ-2500-EV	Exploded View, Rev A	Dated 29/07/2011

Applicable Standards:

AS3990:1993	Mechanical Equipment – Steel Work
AS4100:1998	Steel Structures

Operation notes:

1. The Drum Jack is suitable for a W.L.L of 8T
2. Prior to use, the drum jack must be inspected for corrosion, deformation and cracking. If any of the mentioned failures are present, the structure is to be repaired before continued use.
3. The drum jack must be used on a flat, level surface.
4. Two stands must be used to support either side of the drum spindle.
5. Distance from centre of bearings (nearest to drum) to edge of drum must not exceed 150mm.
6. Marking shall include;
 - a. W.L.L: 8T
 - b. Manufacturer: *(as built)*
 - c. Date: *(as built)*

Results:

Analysis shows that the drum jack complies with the listed Australian Standards and is suitable for use for a W.L.L of 8T.

I, Roderick L. McDonald, certify that the above mentioned structural steel components have been designed in accordance with relevant Australian Standards.



Roderick McDonald *MIEAust CPEng NPER RPEQ*
For and on behalf of Practical Group.