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MECHANICAL TEST REPORT TO AS/NZS4325.1:1995
TriCab B10/H50 SHEAR BOLT LUG

Test Number:	ACC17012
Date:	21 June 2017
Standard:	AS/NZS 4325.1-1995
Connector Type:	Mechanical Shear Bolt Lug with conductive grease
Product Code:	**B10-ABXX/XH630**
Conductor Type:	Circular Flexible Class 5 Aluminium Conductor
Cable Type and Cross-sectional Area:	**TriCab KL-PAXA/1C630BK**
Conductor Length:	> 500 mm
Number of Sample Tested:	3
Tooling:	Hex Socket and Wrench
Preparation of Connection:	Insulation is stripped to the desired length. Conductor is inserted to the barrel of the lug. Bolts are tightened and sheared using the hex socket and manual wrench.
Machine and Data logger:	Tensile Test machine model DK-50 with Smart test data logger to record the acceleration and load.
Load Application Rate:	500 N/s
Maximum Tensile Strength:	20 kN
Maintaining Time for the maximum tensile strength:	***60 seconds without movement/slips between conductor and shear bolt***
RESULT:	**PASS**

Tested by: *Greg Beziuk (TriCab Test Engineer)*

George Young (TriCab Test Engineer)

Zoey Zao (TriCab Test Engineer)

Andrew Ngo (TriCab Mechanical Engineer)

Fernando Agustin (TriCab Technical Manager)

Witnessed by: *Adrian Brown (DNV•GL)*

X Witnessed ☐ Reviewed
And found to comply with:
AS/NZS 4325.1:1995,
7 Mechanical Tests
Date: 2017-06-21
Sign: Adrian Brown
DNVGL Melbourne
This document has been digitally signed and will therefore not have handwritten signatures.