

**MECHANICAL TEST REPORT TO AS/NZS4325.1:1995  
TriCab B10/H400 SHEAR BOLT LUG**

Test Number: ACC17009  
Date: 21 June 2017  
Standard: AS/NZS 4325.1-1995  
Connector Type: Mechanical Shear Bolt Lug with conductive grease  
Product Code: **B10-ABXX/XH400**  
Conductor Type: Circular Flexible Class 5 Aluminium Conductor  
Cable Type and Cross-sectional Area: **TriCab KL-PAXA/1C300BK**  
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: 12 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) [Signature]*  
*George Young (TriCab Test Engineer) [Signature]*  
*Zoey Zao (TriCab Test Engineer) [Signature]*  
*Andrew Ngo (TriCab Mechanical Engineer) [Signature]*  
*Fernando Agustin (TriCab Technical Manager) [Signature]*



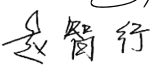


Witnessed by: *Adrian Brown (DNV•GL)*



**MECHANICAL TEST REPORT TO AS/NZS4325.1:1995**  
**TriCab B10/H400 SHEAR BOLT LUG**

Test Number: ACC17010  
 Date: 21 June 2017  
 Standard: AS/NZS 4325.1-1995  
 Connector Type: Mechanical Shear Bolt Lug with conductive grease  
 Product Code: **B10-ACXX/XH400**  
 Conductor Type: Circular Flexible Class 5 Aluminium Conductor  
 Cable Type and Cross-sectional Area: **TriCab KL-PAXA/1C400BK**  
 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: 16 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)*



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