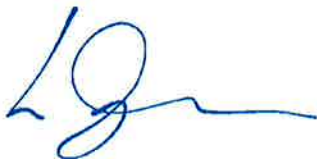


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Report no: 13090590
Order No: GH0618
Date of issue: 23/09/2013
Date of Test: 10/09/2013
Specification: AS1576.2 :1991
Element location: Sheffield

Report On the Testing of Girder Couplers in accordance with AS1576.2 :1991

Element Materials Technology Sheffield
Authorised by: Lee Mangham - Operations Manager



Signature:

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Report no 13090590

Introduction

The following report details tests performed on girder couplers in accordance with the Australian standard AS1576.2.

Description of samples

Description: Girder coupler as per drawing shown at the end of this report.

Marks: USE IN PAIRS AS 1576-2 GH 0613L

Method of test

All testing was performed in accordance with the stated appendix of AS 1576.2 :1991.

Testing was done in a 600kN Denison Mayes 7159 universal testing machine serial number T22

Results

Test 1

Testing in accordance with Appendix J - STRENGTH TEST FOR FLANGE CLAMP

Test No	Load Applied	Permenant Set
1	30.0 kN	Zero

Tested by L.Mangham - Operations Manager

Test Pass

Test 2

Testing in accordance with Appendix K - SLIP TEST THROUGH RIGID AND SWIVEL FLANGE CLAMPS

Test No	Load Applied	Amount of Slip
2	12.5 kN	0.9mm

Tested by L.Mangham - Operations Manager

Test Pass

Test 3

Testing in accordance with Appendix L - SLIP TEST OF RIGID AND SWIVEL FLANGE CLAMPS

Test No	Load Applied	Amount of Slip
3	12.5 kN	1.0mm

Tested by L.Mangham - Operations Manager

Test Pass

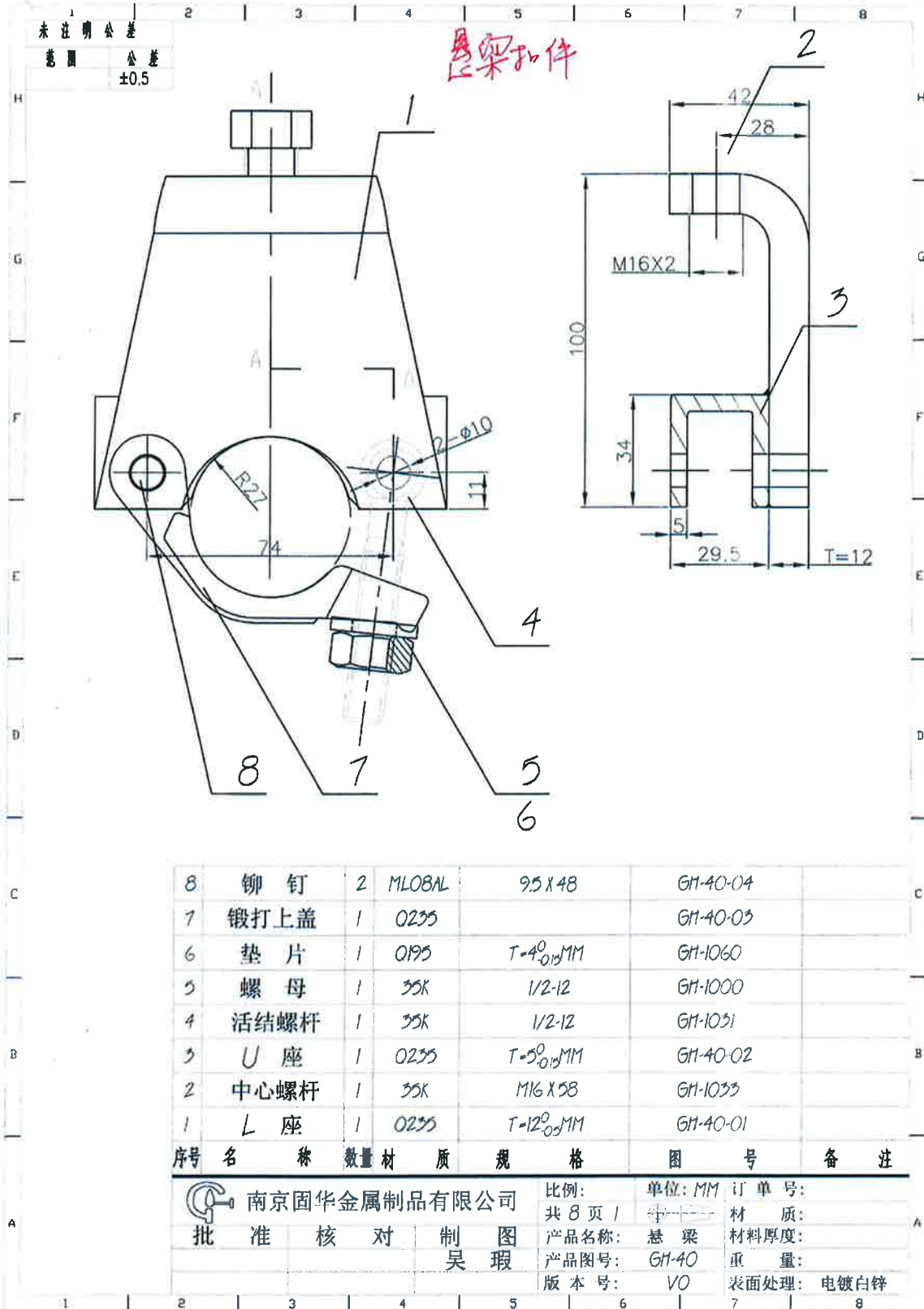
Conclusion

The couplers have passed the relevant sections of the standard as shown above.

Photograph of coupler



Drawings



End of Report