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Test Report

To	Metforce Pty Ltd 86 Furniss Road Landsdale WA 6919	Report No.	MTS-19121 METF
Order No.	PAUL	Issue Date	17/09/2014
		Test Date	16/09/2014

Introduction

Two (2) only standoff fittings were received for testing to the client's requirements. Each bracket was subjected to the progressive application of test load in the downwards direction to simulate the worst possible case of in-service conditions.

Loading was continued until either yielding was observed or a load of 5,500 Newtons (approx 560 kgs) was achieved.

The load achieved before any signs of failure were observed was recorded as the "Load bearing capacity" of the bracket.

Test Item(s) Two (2) only Balustrade Standoff Fittings

Standard/Specification Client Specification (Based on the design requirements of AS/NZS 1170)

Results Summary

(For details of individual tests, refer to the tables on the following pages.)

ID	Item/Heat No.	Dimensions/Type/Details	Finish
19121/1	STANDOFF 38ADJ	Stand-off Fitting, 316 Stainless steel with 304 stainless steel threaded rod	Polished
19121/2	STANDOFF 50ADJ	Stand-off Fitting, 316 Stainless steel with 304 stainless steel threaded rod	Polished

Remarks

The results of the tests reported herein were not subject to assessment and are provided for information purposes only.

Colin Lorrimar
Metallurgical Testing Manager



Accreditation No: 15624
Accredited for compliance with ISO/IEC 17025

Results

Load Test - STANDOFF 38ADJ

Test Specification Client Specification **Test Procedure** MTS-TP3.1 Compression Tests - Products

Specimen ID	Test Load (N)	Observations	Assessment
19121/1	5,500	No signs of cracking, distortion or any other failure. Load bearing capacity: >560 kgs.	NOT ASSESSED



The standoff fitting under the test

Results

Load Test - STANDOFF 50ADJ

Test Specification Client Specification **Test Procedure** MTS-TP3.1 Compression Tests - Products

Specimen ID	Test Load (N)	Observations	Assessment
19121/2	5,500	No signs of cracking, distortion or any other failure. Load bearing capacity: >560 kgs.	NOT ASSESSED



The standoff fitting under the test