



MTS Metallurgical Testing Services
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Test Report

To Sorrento Glass
1 / 7 Hector St Osborne Park WA 6017
Order No. G. Vile

Report No. **MTS-18493 SG**
Issue Date 4/08/2014
Test Date 20/06/2014

Introduction

MTS Metallurgical Testing Services was engaged to conduct load tests on a pool fence spigot to the requirements of Australian Standard AS 1926.1 - 2012.

Details

ID	Item/Heat No.	Dimensions/Type/Details	Finish	Overall Assessment
18493/01	Round Spigot	40mm Round Bolted Base Duplex stainless steel spigot	Polished	COMPLIES

Examinations & Tests

A visit was made to the test site to verify the installation arrangements against supplied drawings and to conduct a load test.

Summary

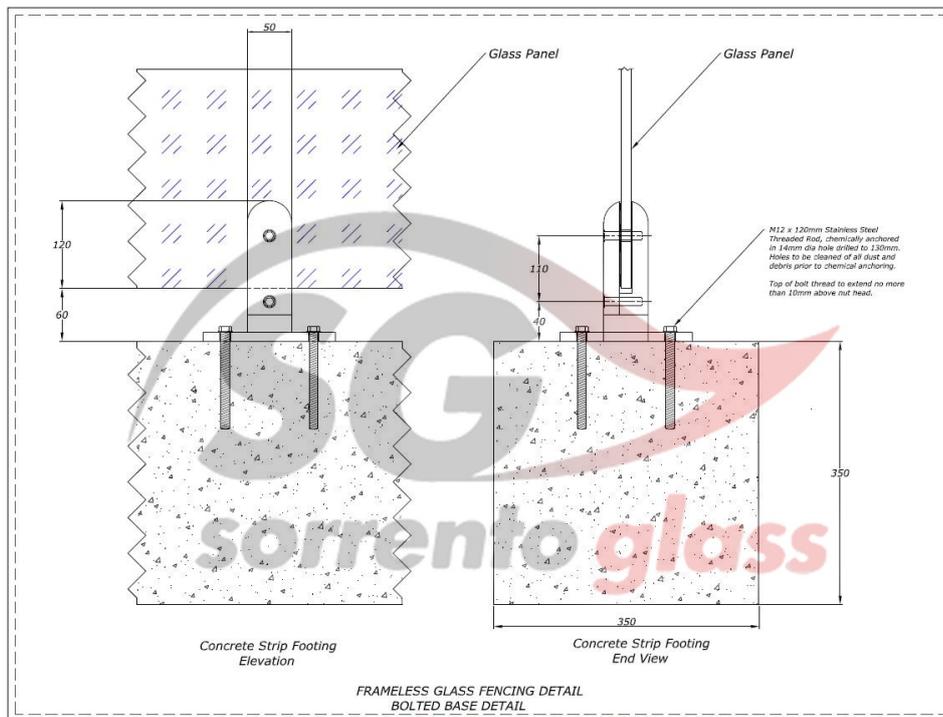
The results of the tests reported herein COMPLIED with the requirements of the stated standard.

Colin Lorrimar
Metallurgical Testing Manager

Results



The 40mm round bolted base spigot



The spigot was installed in accordance with the details of this drawing, modified to suit the 100mm thick floor at the test site.

Results

Load Test

Test Specification AS 1926.1 - 2012, Appendix C **Test Procedure** MTS-TP3.1 Compression Tests - Products

Specimen ID	Test Load (N)	Deflection Under Load (mm)	Permanent Distortion (mm)	Observations	Assessment
18493/01	330	23.0	2.0	No damage or loosening evident.	COMPLIES



The Bolted Base Round Spigot under test load.

Requirements

No breakage or signs of fracture or loosening of any part. Maximum Permanent Distortion: 6mm.

Remark

A specially made stiffened test jig was used to simulate the effect of an in-service load applied at 1200mm above ground level.