



MTS Metallurgical Testing Services  
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# Test Report

<b>To</b>	GR8 Glass Pool Fencing 15/51 Lancaster Rd, Wangara WA 6065	<b>Report No.</b>	<b>MTS-21316-1 METF</b>
<b>Order No.</b>	PAUL 4	<b>Issue Date</b>	15/07/2015
		<b>Test Date</b>	9/07/2015

## Introduction

MTS Metallurgical Testing Services was engaged to perform load tests on a toughened glass pool fence panel to the requirements of AS 1926.1 - 2012.

**Test Item(s)** One (1) only Frameless glass pool fence panel on Core Drilled "Bolt-through" spigots.

## Details

ID	Item/Heat No.	Dimensions/Type/Details
21316/01		1800mm Long x 12mm Thick x 1200mm High frameless toughened safety glass panel. 2205 Duplex stainless steel spigots - fixed with Bostik Tech Flow HES Grout.

## Examinations & Tests

The details and procedure for the installation of the spigot fixings were observed and verified prior to load testing.

## Summary

The results of the tests reported herein COMPLIED with the requirements of AS 1926.1 - 2012.

Colin Lorrimar  
Metallurgical Testing Manager

# Results

## Static Load Test

**Test Specification** AS 1926.1 - 2012, Appendix C      **Test Procedure** MTS-TP3.7 Load Tests of Protective Enclosures, Barriers and Fences

Specimen ID	Test Load (N)	Deflection Under Load (mm)	Permanent Distortion (mm)	Observations	Assessment
21316	330	30.0	4.0	No signs of fracture, loosening or distortion beyond the specified requirements.	COMPLIES



Square Core Drilled spigots under the test.

**Requirements** No breakage or signs of fracture or loosening of any part. Maximum Permanent Distortion: 9mm.