



MTS Metallurgical Testing Services  
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# Test Report

**To** Metforce Pty Ltd  
86 Furniss Road Landsdale WA 6919  
**Order No.** PAUL 2

**Report No.** **MTS-20032 METF**  
**Issue Date** 12/01/2015  
**Test Date** 12/01/2015

## Introduction

Two (2) only METFORCE QUICKLOC SWAGELESS STSTEM balustrade wire assemblies were received for testing to destruction to determine the maximum load capacity.

**Standard/Specification** Client Specification (report maximum load only)

## Results Summary

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

ID	Item/Heat No.	Dimensions/Type/Details
20032/01	Sample 1	1x19 stainless steel wire rope (3.2mm Diameter) with swageless fitting
20032/02	Sample 2	7x7 stainless steel wire rope (3.2mm Diameter) with swageless fitting

## Remarks

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

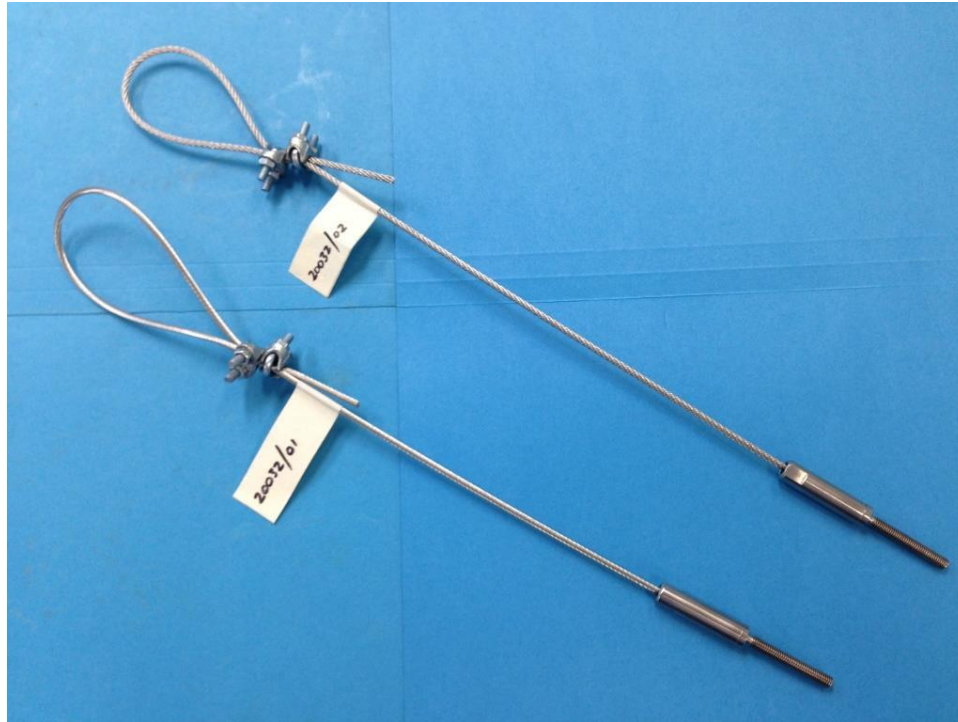
John Carroll  
Operations Manager



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

# Results

## Test Items



The test samples as received

## Fullsize Axial Tensile Test (Round)

Test Specification		Client Specification	Test Procedure	MTS-TP2.2 Tensile Test of Products	
ID	Dia. (mm)	Test Temp (°C)	UTS Load (kN)	UTS (MPa)	Fracture Location
20032/01	3.2	Ambient	8.66	1080	The wire rope failed in the swageless fitting
20032/02	3.2	Ambient	5.22	650	The wire rope failed in the swageless fitting

**Remark** The UTS(Mpa) values are approximations only. The true values can only be calculated using the actual cross-sectional area data supplied by the wire rope manufacturer.