

## GENERAL TEST REPORT

<b>Report Number</b>	LS21-2957 LT	<b>Test Date</b>	29/12/2021
<b>Customer</b>	<b>The Trustee for Blitz Systems Unit Trust</b>		
<b>Customer Address</b>	55 Pendlebury Road, Cardiff NSW 2285		
<b>Requested By</b>	Reuben Allbut	<b>Purchase Order</b>	Reuben
<b>Accredited Laboratory</b>	LMATS Sydney Laboratory		
<b>Job Location</b>	6 Techno Park Drive, Williamstown VIC 3016		
<b>Job Description</b>	Load testing of 4 off Wire Lock Arrangements		
<b>Identification</b>	With Lock 1, With Lock 2, Without Lock 1, Without Lock 2		
<b>Material Specification</b>	Not Specified		
<b>Test Specification</b>	Client's specified activities – Report findings		
<b>Test Method</b>	AS 1391-2020 as a guideline		
<b>Equipment Data</b>	50kN UTM Machine		
<b>Technical Data</b>	The supplied wire lock was held in a Universal Tensile test machine. A preload of 100N was applied to the crimped cable and the distance between both the connectors was measured as reference. The tensile load on the crimped cable was then gradually increased at a constant rate.		
<b>Evaluation Data</b>	Refer to Table 1		
<b>Test Technician</b>	Muhammad Muflih Mandara		
<b>Remarks</b>	Photographs of the samples before and after testing are located on the following page.		
<b>Test Results</b>	Refer to Table 1		

**Table 1 Load test results**

Sample ID	Max Load (kN)	Failure Location
With Lock 1	2.90	In wire
With Lock 2	2.93	In wire
Without Lock 1	2.77	In wire
Without Lock 2	2.66	In wire

**LMATS is accredited for compliance with  
ISO/IEC 17025 – Testing**  
Accreditation Number 15840

**Signature**



**Muhammed Sabah**  
29/12/2021



Figure 1: With lock 1 mounted in the UTM before test



Figure 2: With lock 1 failure location



Figure 3: With lock 2 mounted in the UTM before test

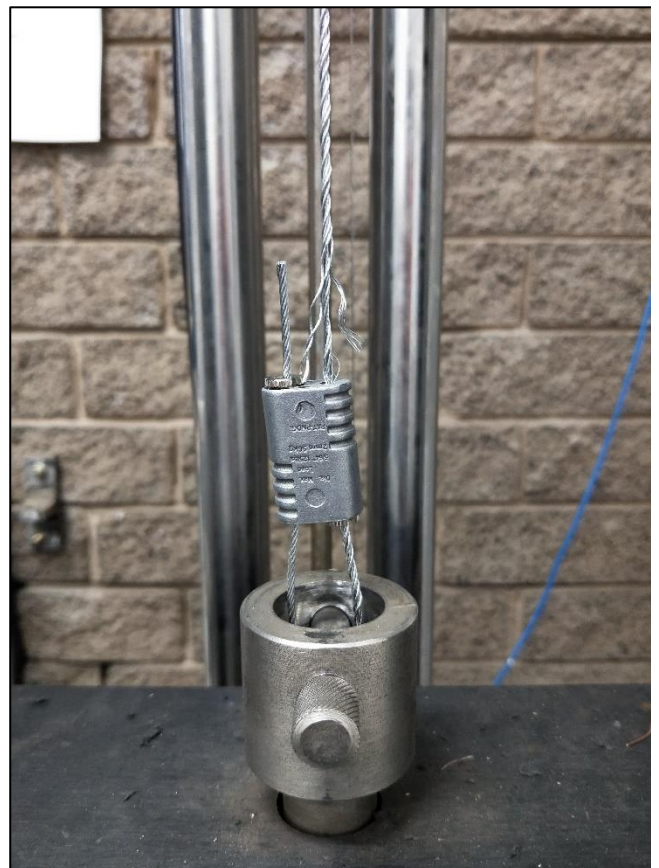


Figure 4: With lock 2 failure location



Figure 5: Without lock 1 mounted in the UTM before test



Figure 6: Without lock 1 failure location



Figure 7: Without lock 2 mounted in the UTM before test

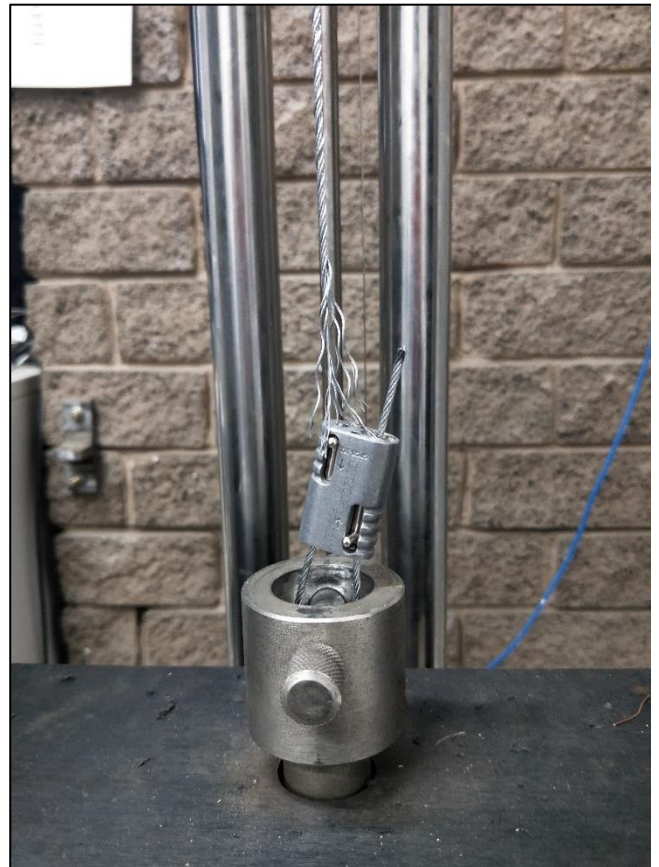


Figure 8: Without lock 2 failure location