

TEST REPORT

IMR Report Number 200909987

SUMMARY

January 4, 2010

Six samples were received for load testing.

John Price
Golfire
PO Box 7
5 Knights Circle
Baldwinsville, NY 13027

The results are below.

LOAD TEST

PO Number
622899

Date Received
December 17, 2009

Description
G4 Testing

Sample	Load at Maximum Tensile Stress (lbf)	Failure Location
Red Handle #1	732	Rope Slipped
Silver Handle #1	671	Rope Slipped
Red Handle #1	4,500	Carabineer Hole Broke
Silver Handle #1	4,159	Carabineer Hole Broke
Red Handle #2	4,415	Carabineer Hole Broke
Silver Handle #2	4,484	Carabineer Hole Broke

Rope Slippage Test

Crosshead speed was 0.5 in./min.



Reviewed by



David Feavearyear
Mechanical Engineer

Reviewed by



Jim Andrews, CWI
Manager, Mechanical & Machine Shop

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Figure 1: Typical failure mode