

Project 089686/001
Report 089686/001-R001

Test Report HYDRO TEST

Client	: Lasbedrijf J.W.A. Peijs	Test date	: 08 January 2013
Reference	: Mr. J. Peijs	Part examined	: Pipe and flexible hose
Order no	: 70130015	Method	: Hydrostatic test
Component	: Fire defender	Equipment	: Pressure Booster LP111
Examination by	: M. Bijl (LT-2)	Pressure gauges	: LD 517 (0 – 100 Bar)

The hydrostatic test was executed on an assembly of two tubes (1500 mm length x diameter 76 mm x 3mm wall thickness) connected with a flexible hose with two Storz couplings according to **Hydrostatic test method ASME B1634, Year 2009.**

Pipe

Item:	: 089686/001	Outside diameter	: 76 mm
Material tube	: Aluminum	Wall thickness	: 3 mm
Length tube	: 1500 mm	working Pressure	: 15 barg
Length flexible hose	: 500 mm	Connection	: Storz coupling

Requirements and limits

Test pressure	: 22 bar(g) (1.5 x Rated pressure)
Test temperature	: Ambient Temperature
Test fluid	: Demineralised Water
Hold time	: 3 Minutes

Test Result: **Approved**

Note

During the hydrostatic test on the two tubes connected with the flexible hose no visual leakage or pressure drop has been found. After the hydrostatic test a burst test was executed to determine the maximum allowed working pressure for this assembly. The assembly passed the test successfully according to **Hydrostatic test method ASME B1634, Year 2009.**

- At 45 barg the windings of the storz coupling bursted.

After the burst test on the assembly the flexible hose was removed and the 2 tubes where connected and tested.

- At the test pressure of 50 barg the sealing of the storz coupling was blown out.

Agreed Applus RTD

Agreed client

Agreed Authority

Name

Marco Bijl (LT-2)

Date

08 January 2013

Name

Mr. J. Peijs

Date

08 January 2013

Name

Date