

Leak Test Report

Test Number: 1	Project No: PL-00742	Page 1 of 1
Project Name: Hydrogen Station Test Device (HyStEP)		
Test Information		
System Description: Leak test of hydrogen system		
Description of Test Boundaries: Entire hydrogen system. See drawings PL-00742-04-02		
Design Temperature: -40C to 85C	Design Pressure: 0-87.5 MPa	
Test Fluid: Hydrogen		
Test Requirements		
Required Test Procedure: Fill to 87.5 MPa and check for leaks with snoop and handheld gas detector. Hold pressure overnight and monitor pressure drop (taking into account temperature change)		
Required Test Duration: Hold Pressure Overnight		
Test Results		
Test Start Date: 8-Oct-2015		
Test End Date: 9-Oct-2015		
Results: Pressurized entire system to 87.5 Mpa After 18 hours, the SOC remained unchanged ^{NOV 24/15} within acceptable limits (L.O.) Leak checked system using Snoop and gas detector and no leaks found		
Test Acceptance:		
Prepared By: <i>Liam Quinn EIT Sean Dunne</i>	Date: <i>Oct 16/15</i>	
Leak Checked By: <i>TODD OLIVER ASOT, [Signature]</i>	Date: <i>Oct 16/15</i>	
Approved By: <i>PAUL HORACON</i>	Date: <i>Nov 26/15</i>	