



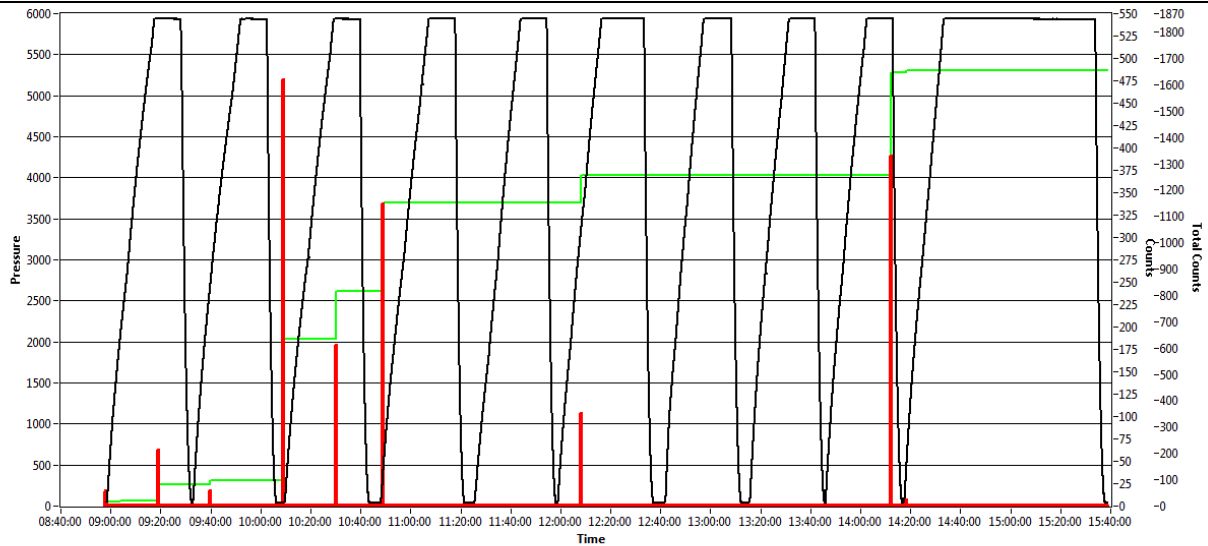
Acoustic Emission Report

WHOI Pressure Vessel Number: PV3

Pressure Test Log Number: 14-175

Pressure Test Date: 10-02-2014

Pressure_Test_14-175_10-02-2014_08-53.dat



Pressure_Test_14-175_10-02-2014_08-53.txt

WHOI P-TEST 14-175

DSV2 ALVIN CERT

LVP Housing and 2 Pumps

S/N: 12819-01 LVP pump

S/N: 12371-01 Spare LVP pump

S/N: 12819-01 LVP

9 X 10 Minute Minimum at 5,900 psig (+50/-0)

1 X 1 Hour Minimum at 5,900 psig (+50/-0)

Durante

Pressure Coefficient = 2504.257237

Intercept = -0.006000

Logging Start at 10/2/2014 8:57:53 AM

10/2/2014 8:58:17 AM Lead Break

10/2/2014 8:58:24 AM Start Cycle 1

10/2/2014 9:17:37 AM Start 10 Minute Hold-5,950 psig on Ashcroft

10/2/2014 9:27:50 AM 10 Minute Hold Complete-5,950 psig on Ashcroft

10/2/2014 9:27:59 AM Depressurizing

10/2/2014 9:32:35 AM Cycle 1 Complete

10/2/2014 9:32:38 AM Start Cycle 2

10/2/2014 9:52:07 AM Start 10 Minute Hold-5,950 psig on Ashcroft

10/2/2014 10:02:14 AM 10 Minute Hold Complete-5,950 psig on Ashcroft

10/2/2014 10:02:29 AM Depressurizing

10/2/2014 10:08:42 AM Cycle 2 Complete

10/2/2014 10:09:35 AM False Counts at Zero Pressure

10/2/2014 10:09:39 AM Start Cycle 3

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10/2/2014 10:29:23 AM Start 10 Minute Hold-5,950 psig on Ashcroft

10/2/2014 10:31:15 AM False Counts. Shut off Heater. Electrical.

10/2/2014 10:39:32 AM 10 Minute Hold Complete-5,950 psig on Ashcroft
10/2/2014 10:39:40 AM Depressurizing
10/2/2014 10:47:30 AM Cycle 3 Complete

10/2/2014 10:48:06 AM Start Cycle 4
10/2/2014 11:07:26 AM Start 10 Minute Hold-5,950 psig on Ashcroft
10/2/2014 11:17:38 AM 10 Minute Hold Complete-5,950 psig on Ashcroft
10/2/2014 11:17:46 AM Depressurizing
10/2/2014 11:24:58 AM Cycle 4 Complete

10/2/2014 11:25:26 AM Start Cycle 5
10/2/2014 11:44:09 AM Start 10 Minute Hold-5,950 psig on Ashcroft
10/2/2014 11:54:20 AM 10 Minute Hold Complete-5,950 psig on Ashcroft
10/2/2014 11:54:24 AM Depressurizing
10/2/2014 11:58:19 AM Cycle 5 Complete

10/2/2014 11:58:52 AM Start Cycle 6
10/2/2014 12:16:33 PM Start 10 Minute Hold-5,950 psig on Ashcroft
10/2/2014 12:33:01 PM 10 Minute Hold Complete-5,950 psig on Ashcroft
10/2/2014 12:33:21 PM Depressurizing
10/2/2014 12:40:58 PM Cycle 6 Complete

10/2/2014 12:41:47 PM Start Cycle 7
10/2/2014 12:57:24 PM Start 10 Minute Hold-5,950 psig on Ashcroft
10/2/2014 1:08:05 PM 10 Minute Hold Complete-5,950 psig on Ashcroft
10/2/2014 1:08:09 PM Depressurizing
10/2/2014 1:15:00 PM Cycle 7 Complete

10/2/2014 1:15:36 PM Start Cycle 8
10/2/2014 1:31:30 PM Start 10 Minute Hold-5,950 psig on Ashcroft
10/2/2014 1:41:37 PM 10 Minute Hold Complete-5,950 psig on Ashcroft
10/2/2014 1:41:43 PM Depressurizing
10/2/2014 1:45:38 PM Cycle 8 Complete

10/2/2014 1:45:42 PM Start Cycle 9
10/2/2014 2:02:39 PM Start 10 Minute Hold-5,950 psig on Ashcroft

10/2/2014 2:12:22 PM False Count. Shut off Heater. Electrical.

10/2/2014 2:12:41 PM 10 Minute Hold Complete-5,950 psig on Ashcroft
10/2/2014 2:12:46 PM Depressurizing
10/2/2014 2:16:33 PM Cycle 9 Complete

10/2/2014 2:17:07 PM Start Cycle 10
10/2/2014 2:33:25 PM Start 1 Hour Hold-5,950 psig on Ashcroft
10/2/2014 3:33:37 PM 1 Hour Hold Complete-5,950 psig on Ashcroft
10/2/2014 3:33:57 PM Depressurizing
10/2/2014 3:38:24 PM Cycle 10 Complete

10/2/2014 3:38:28 PM Test Complete
Logging Stop at 10/2/2014 3:38:31 PM
10/2/2014 3:38:44 PM Durante

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