

# PRESSURE TEST DATA SHEET

|                  |             |
|------------------|-------------|
| Test Technician: | Mark Wells  |
| Design Engineer: | Mark Greise |

|            |            |
|------------|------------|
| Date:      | 5/4/06     |
| Test Tank: | 24" Vessel |

|                      |           |
|----------------------|-----------|
| Test Pressure (psi): | 1825      |
| Housing S/N:         | M6-05-211 |
| Drawing/Rev No:      | M6-05-200 |

|                     |                      |
|---------------------|----------------------|
| Max Rate (psi/min): | 200                  |
| End Cap S/N:        | M6-05-315, M6-05-313 |
| Soak Time           | 12 hrs               |

Weight: 642 lb (before test) - includes wood inside housing for test  
642 lbs (after test)

## TEST PROCEDURE:

1. Seal Article to be tested and check for large leaks w/ 30-50 psi shop air pressure and/or vacuum if test fitting exists on test article.
2. Bring article to test pressure specified above, do not exceed maximum pressurization rate. Record time
3. Hold at test pressure +/- 2% for 14 minute
4. Bring article to ambient pressure, do not exceed maximum pressurization rate
5. Hold at ambient pressure for 1 minute
6. Repeat step 2-5 for a total of 10 times and hold at test pressure for soak time specified above.
7. Record time test article reaches last ambient pressure.
8. Disassemble test article and inspect for leaks and/or permanent deformation.
9. Record all significant observation on data sheet.

| Cycle No.     | Start Time | Max Hold Press (psi) | Min Hold Press (psi) | Comments                     |
|---------------|------------|----------------------|----------------------|------------------------------|
| 1             | 8:45       | 1836-1840            | 1820                 | Fell off to 1820 after 5 min |
| 2             | 9:17       | 1840                 | 1829                 |                              |
| 3             | 0943       | 1843                 | 1826                 |                              |
| 4             | 1013       | 1846                 | 1828                 |                              |
| 5             | 1042       | 1848                 | 1827                 |                              |
| 6             | 1111       | 1840                 | 1826                 |                              |
| 7             | 1141       | 1840                 | 1827                 |                              |
| 8             | 1210       | 1840                 | 1830                 |                              |
| 9             | 1240       | 1840                 | 1827                 |                              |
| 10            | 1501       | 1844                 | 1819                 |                              |
| Test Complete |            |                      |                      |                              |

|           |                                                                                                            |
|-----------|------------------------------------------------------------------------------------------------------------|
| Comments: | Aluminum plugs made for test where sampler ports are located appeared to have surface corrosion after test |
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|                 |              |                  |        |
|-----------------|--------------|------------------|--------|
| Test Complete   | Satisfactory | Not Satisfactory | Date   |
| Test Technician | Mark Wells   |                  | 5/5/06 |
| Test Engineer   | Mark Greise  |                  | 5/5/06 |