

## Calibration Checklist

Meter ID: \_\_\_\_\_ Date: \_\_\_\_\_

Elevation: \_\_\_\_\_'msl Atmospheric Pressure: \_\_\_\_\_psi

- 1. Determine “normal operating points” :  
 DP: \_\_\_\_\_” SP: \_\_\_\_\_  psig  psia Temperature: \_\_\_\_\_°F  
 observation  integration/EFC volume statement
- 2. Take meter out of service (close isolation valves)
- 3. Leak test performed (*III.C.12*). Do not proceed until no leaks
- 4. Charts Only:  Pen arc (*III.C.14*)  Time lag (*III.C.16*)
- 5. **Verify** (“as found”) of DP, SP (*III.C.15*), and Temperature (*III.C.19*):

Differential Pressure (inches):

|           | <input type="checkbox"/> zero | <input type="checkbox"/> 100% | <input type="checkbox"/> “normal” |
|-----------|-------------------------------|-------------------------------|-----------------------------------|
| Applied   |                               |                               |                                   |
| Indicated |                               |                               |                                   |
| Error     |                               |                               |                                   |

- Acceptable<sup>1</sup> (go to step 8)  Unacceptable (go to step 6a)

Static Pressure:

|           | <input type="checkbox"/> zero |      | <input type="checkbox"/> 100% |      | <input type="checkbox"/> “normal” |      |
|-----------|-------------------------------|------|-------------------------------|------|-----------------------------------|------|
|           | psig                          | psia | psig                          | psia | psig                              | psia |
| Applied   |                               |      |                               |      |                                   |      |
| Indicated |                               |      |                               |      |                                   |      |
| Error     |                               |      |                               |      |                                   |      |

- Acceptable<sup>1</sup> (go to step 8)  Unacceptable (go to step 6b)

Temperature (°F):

|           | <input type="checkbox"/> “normal” |
|-----------|-----------------------------------|
| Applied   |                                   |
| Indicated |                                   |
| Error     |                                   |

- Acceptable<sup>1</sup> (go to step 8)  Unacceptable (go to step 6c)

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<sup>1</sup> Acceptable = 0 error per Onshore Order 5, III.C.19, unless otherwise defined per local or state NTL.

- 6. a. □ **Calibrate** DP per manufacturers specifications
- b. □ **Calibrate** SP per manufacturers specifications
- c. □ **Calibrate** temperature per manufacturers specifications

□ 7. **Verify** (“as left”) of DP, SP, and Temperature (*III.C.19*):

- Differential Pressure (inches):

|           | □ zero | □ 100% | □ “normal” |
|-----------|--------|--------|------------|
| Applied   |        |        |            |
| Indicated |        |        |            |
| Error     |        |        |            |

- Acceptable<sup>1</sup> (go to step 8) □ Unacceptable (go to step 6a)

- Static Pressure:

|           | □ zero |      | □ 100% |      | □ “normal” |      |
|-----------|--------|------|--------|------|------------|------|
|           | psig   | psia | psig   | psia | psig       | psia |
| Applied   |        |      |        |      |            |      |
| Indicated |        |      |        |      |            |      |
| Error     |        |      |        |      |            |      |

- Acceptable<sup>1</sup> (go to step 8) □ Unacceptable (go to step 6b)

- Temperature (°F):

|           | □ “normal” |
|-----------|------------|
| Applied   |            |
| Indicated |            |
| Error     |            |

- Acceptable<sup>1</sup> (go to step 8) □ Unacceptable (go to step 6c)

- 8. Return meter to service (open isolation valves, close equalizers, open vent)

psig = psia – atmospheric  
 psia = psig + atmospheric