# Gas Transmission & Midstream Pressure Control/Overpressure Protection Calibration & Inspection Report

Email completed form to meastechservices@enbridge.com or fax to 403.699.1610

All white boxes must be fully and accurately completed to meet compliance

For further details, please refer to the MES-400 Pressure Control and Overpressure Protection Specification

Last Revised: April 23, 2018

---

### Section A  
**CUSTOMER INFORMATION**  
*(to be completed by the RPO)*

<table>
<thead>
<tr>
<th>Receipt Point #</th>
<th>Receipt Point Owner (RPO)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Receipt Point Location**  
Calibration Company

**Note:** Separate reports must be completed for each gas and liquid stream

**Calibration & Inspection Report for**  
Gas System [ ]  
Liquid System [ ]

Have changes been made since the last Calibration & Inspection Date?  
No [ ]  
Yes [ ]

**Calibration & Inspection Date**

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Section B  
**CALIBRATION**  
*(to be completed by the Technician)*

**Sensing Device**

| Engineering Tag #  
(Must Match P&ID) |
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>(Make &amp; Model)</td>
</tr>
</tbody>
</table>

**Shutdown Device**

| Engineering Tag #  
(Must Match P&ID) |
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>(Make &amp; Model)</td>
</tr>
</tbody>
</table>

**Calibration Set Point**

<table>
<thead>
<tr>
<th>As Found</th>
<th>kPa</th>
<th>psi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>As Left</td>
<td>kPa</td>
<td>psi</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Seal #s**  
(Optional)  
(Enter N/A if not required)

---

### Section C  
**INSPECTION & ASSESSMENT**  
*(to be completed by the RPO)*

**CSA Z662-15 System Requirements**

<table>
<thead>
<tr>
<th>PC System</th>
<th>OPP System</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPO Initial to confirm</td>
<td>RPO Initial to confirm</td>
</tr>
</tbody>
</table>

1. The system is sealed and protected from unauthorized operation – CSA Z662-15 4.18.2 (e)

2. The system is properly installed and protected from dirt, ice, snow or other conditions that could prevent its proper operation – CSA Z662-15 10.9.5.2 (a)

3. The capacity, sensitivity, and reliability of the system has been assessed and determined to be adequate to protect the Enbridge pipeline from all pressure sources – CSA Z662-15 10.9.5.2 (b)

4. The system was fully function tested and responded to prevent the downstream pressure from exceeding the Enbridge specified pressure limits – CSA Z662-15 10.9.5.2 (c)

*Note – this requirement does not apply to certified and sealed PSVs/PRVs*

---

### Section D  
**PSV/PRV DECLARATION**  
*(to be completed by the RPO’s Engineer - only applicable if OPP device is a PSV/PRV)*

As a registered Professional Engineer, I certify that I have reviewed the capacity of the PSV/PRV designated as the OPP device since the last calibration, and I confirm the PSV/PRV is sized adequately to protect the Enbridge pipeline against all pressure sources upstream of the PSV/PRV

---

### Section E  
**SIGNATURES**  
*(to be completed by the RPO and the Technician)*

**Calibration Performed by**

<table>
<thead>
<tr>
<th>Technician Name (print)</th>
<th>Phone Number</th>
<th>Technician Signature</th>
<th>Month</th>
<th>Day</th>
<th>Year</th>
</tr>
</thead>
</table>

**Calibration Witnessed by**

<table>
<thead>
<tr>
<th>Witness Name (print)</th>
<th>Phone Number</th>
<th>Witness Signature</th>
<th>Month</th>
<th>Day</th>
<th>Year</th>
</tr>
</thead>
</table>

**Receipt Point Owner**

<table>
<thead>
<tr>
<th>Customer Name (print)</th>
<th>Phone Number</th>
<th>Customer Signature</th>
<th>Month</th>
<th>Day</th>
<th>Year</th>
</tr>
</thead>
</table>
## PRESSURE CONTROL/OVERPRESSURE PROTECTION CALIBRATION & INSPECTION REPORT INSTRUCTIONS

- All white boxes must be fully and accurately completed to meet compliance
- The Technician must obtain a copy of the Enbridge approved PC/OPP P&ID from the Receipt Point Owner (RPO) for use and reference prior to completing the onsite calibration

### Section A  
**CUSTOMER INFORMATION**

**General Comments**
- To be completed by the RPO

**Have changes been made since the last Calibration & Inspection Date?**
- Field devices must be verified against the Enbridge approved PC/OPP P&ID
- If there is a change to the designated PC/OPP design, devices, Pressure Control or Overpressure Protection limits, etc., these changes must be reviewed and approved by Enbridge prior to implementation
- If you have checked “Yes” then a Receipt Point Change Form must be submitted to Enbridge

**Calibration & Inspection Date**
- PC/OPP designated devices must be inspected, assessed, and tested annually prior to October 1st of each calendar year with a maximum interval of 12 months from the previous year’s inspection and calibration

### Section B  
**CALIBRATION**

**General Comments**
- To be completed by the Technician; please sign the “Calibration Performed by” field after completing this section
- Engineering tags for PC/OPP devices must match the Enbridge approved PC/OPP P&ID

**Sensing Device/Shutdown Device**
- PSV/PRV cannot be designated as Pressure Control
- PSV’s must be removed from service and recertified at an accredited facility; please attach the PSV test report to this Calibration & Inspection Report form

**Calibration Set Point**
- When tested, the PC system must trip and respond such that the downstream pressure never exceeds 100% of the Enbridge specified MOP; therefore, the operational delay of devices (repeatability, hysteresis, valve transit time, etc.) must be accounted for in the design and set point of the system
- When tested, the OPP system must trip and respond such that the downstream pressure never exceeds 110% of the Enbridge specified MOP; therefore, the operational delay of devices (repeatability, hysteresis, valve transit time, etc.) must be accounted for in the design and set point of the system

**Seal #s**
- Entry of a seal number(s) is optional; enter N/A if not required

### Section C  
**INSPECTION & ASSESSMENT**

**General Comments**
- To be completed by the RPO; please sign the “Receipt Point Owner” field after completing this section
- Bypasses around main process PC/OPP valves are NOT acceptable

**Item 3**
- If a PSV/PRV is designated as an Overpressure Protection device, a registered Professional Engineer must complete and sign section D.

### Section D  
**PSV/PRV DECLARATION**

**General Comments**
- This section is only applicable if a PSV/PRV is designated as OPP; enter N/A if not applicable
- To be completed and signed by the RPO’s Professional Engineer
- The person completing this section must be a registered Professional Engineer and must review all pressure sources upstream of the PSV/PRV; this review must be completed annually to ensure any additional pressure sources that have been added since the last calibration date are factored into the PSV/PRV design capacity

### Section E  
**SIGNATURES**

**Calibration Performed by**
- The Technician who completed Section B

**Calibration Witnessed by**
- The witness, such as an Enbridge Field Measurement Technician, another Technician from the calibration company, a Receipt Point Owner representative, etc., who must be able to verify the Technician has completed Section B

**Receipt Point Owner**
- The Receipt Point Owner is the owner of the Receipt Point or a representative acting on behalf of the Receipt Point Owner who completed Section C

---

For further details, please refer to the [MES-400 Pressure Control and Overpressure Protection Specification](#)  
Last Revised: April 23, 2018