



PRESSURE CONTROL/OVERPRESSURE PROTECTION CALIBRATION & INSPECTION REPORT

Email the completed form to mts@nrm.ca or fax to 587.747.6501

Form must be fully and accurately completed to meet compliance

Section A CUSTOMER INFORMATION (to be completed by RPO)												
Receipt Point #			Receipt Point Owner (RPO)									
Receipt Point Location			Calibration Company									
<i>Note: Separate reports must be completed for each gas and liquid stream.</i>			Calibration & Inspection Report for			Gas System		or Liquid System				
Have changes been made since the last Calibration & Inspection Date?					No		Yes					
Calibration & Inspection Date					Month	Day		Year				
Section B CALIBRATION (to be completed by Technician)												
PC/OPP Device Information			Pressure Control (PC)			Overpressure Protection (OPP)						
Sensing Device	Engineering Tag # <i>(Must Match P&ID)</i>											
	Description: <i>(Make & Model)</i>											
Shutdown Device	Engineering Tag # <i>(Must Match P&ID)</i>											
	Description <i>(Make & Model)</i>											
Calibration Set Point	As Found		kPa		kPa							
			psi		psi							
	As Left		kPa		kPa							
			psi		psi							
Seal #s	Optional <i>(Enter N/A if not required)</i>											
Section C INSPECTION AND ASSESSMENT (to be completed by RPO)												
CSA Z662-15 System Requirements						PC System		OPP System				
1. The system is sealed and protected from unauthorized operation – CSA Z662-15 4.18.2 (e)						RPO Initial to confirm		RPO Initial to confirm				
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)						RPO Initial to confirm		RPO Initial to confirm				
3. The capacity, sensitivity, and reliability of the system have been assessed and determined to be adequate to protect the NorthRiver pipeline from all pressure sources – CSA Z662-15 10.9.5.2 (b)						RPO Initial to confirm		RPO Initial to confirm				
4. The system was fully function tested and responded to prevent the downstream pressure from exceeding the NorthRiver specified pressure limits – CSA Z662-15 10.9.5.2 (c) <i>Note – this requirement does not apply to certified and sealed PSVs/PRVs</i>						RPO Initial to confirm		RPO Initial to confirm				
Section D PSV/PRV DECLARATION (to be completed by RPOs Engineer – applicable if OPP device is 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 that the PSV/PRV is sized adequately to protect the NorthRiver pipeline against all pressure sources upstream of the PSV/PRV												
Professional Engineering		Engineer Name (print)			Phone Number		Engineer Signature			Month	Day	Year
Section E SIGNATURES (to be completed by the RPO)												
Calibration Performed by		Technician Name (print)			Phone Number		Technician Signature			Month	Day	Year
Receipt Point Owner:		Customer Name (print)			Phone Number		Customer Signature			Month	Day	Year

For further details, please refer to NRM-MRM-POL-0005 Pressure Control and Over Pressure Protection Policy.

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 NorthRiver 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 NorthRiver 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 NorthRiver prior to implementation.
- If you have checked “Yes,” a Measurement Point Change Form *must* be submitted to NorthRiver (NRM-MRM-FRM-0002)

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 NorthRiver approved PC/OPPP&ID

Sensing Device/Shutdown Device

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

Calibration

- When tested, the PC system must trip and respond such that the downstream pressure never exceeds 100% of the NorthRiver 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 NorthRiver 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 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 is factored into the PSV/PRV design capacity

Section E

SIGNATURES

Calibration Performed by

- The Technician who 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 NRM-MRM-POL-0005 Pressure Control and Over Pressure Protection Policy.