

Pressure Control/Overpressure Protection Calibration & Inspection Report

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

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

Section A CUSTOMER INFORMATION (to be completed by the 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 <input type="checkbox"/> or Liquid System <input type="checkbox"/>		
Have changes been made since the last Calibration & Inspection Date?			No <input type="checkbox"/>		Yes <input type="checkbox"/>
Calibration & Inspection Date			Month	Day	Year
Section B CALIBRATION (to be completed by the 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 <input type="checkbox"/>	psi <input type="checkbox"/>	kPa <input type="checkbox"/>	psi <input type="checkbox"/>
	As Left	kPa <input type="checkbox"/>	psi <input type="checkbox"/>	kPa <input type="checkbox"/>	psi <input type="checkbox"/>
Seal #s	Optional <i>(Enter N/A if not required)</i>				
Section C INSPECTION & ASSESSMENT (to be completed by the 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 has 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 <u>fully function tested</u> 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 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 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 and the Technician)					
Calibration Performed by	Technician Name (print)	Phone Number	Technician Signature	Month	Day Year
Calibration Witnessed by	Witness Name (print)	Phone Number	Witness Signature	Month	Day Year
Receipt Point Owner	Customer Name (print)	Phone Number	Customer Signature	Month	Day Year

PRESSURE CONTROL/OVERPRESSURE PROTECTION CALIBRATION & INSPECTION REPORT INSTRUCTIONS	
<ul style="list-style-type: none"> All white boxes must be fully and accurately completed to meet compliance The Technician <i>must</i> 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
<p>General Comments</p> <ul style="list-style-type: none"> To be completed by the RPO <p>Have changes been made since the last Calibration & Inspection Date?</p> <ul style="list-style-type: none"> Field devices must be verified against the NorthRiver approved PC/OPPP&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” then a Receipt Point Change Form must be submitted to NorthRiver <p>Calibration & Inspection Date</p> <ul style="list-style-type: none"> 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
<p>General Comments</p> <ul style="list-style-type: none"> 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 <p>Sensing Device/Shutdown Device</p> <ul style="list-style-type: none"> 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 <p>Calibration Set Point</p> <ul style="list-style-type: none"> 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 <p>Seal #s</p> <ul style="list-style-type: none"> Entry of a seal number(s) is optional; enter N/A if not required 	
Section C	INSPECTION & ASSESSMENT
<p>General Comments</p> <ul style="list-style-type: none"> 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 <p>Item 3</p> <ul style="list-style-type: none"> 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
<p>General Comments</p> <ul style="list-style-type: none"> 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
<p>Calibration Performed by</p> <ul style="list-style-type: none"> The Technician who completed Section B <p>Calibration Witnessed by</p> <ul style="list-style-type: none"> The witness, such as a NorthRiver 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 <p>Receipt Point Owner</p> <ul style="list-style-type: none"> 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 	