

Pre-Inspection Checklist For New and or Existing Receipt Point

The following checklist items are required to be completed prior to booking an initial inspection. Once this checklist has been completed, please email scanned copy to **Measurement Technical Services**; mts@nrm.ca

CONTACT INFORMATION		
Date:		
Site Description (LSD):		
Receipt Point Owner: (RPO Company Name)		
Latitude and Longitude of tap (GPS):		
On Site Inspector – Name & Phone #:		
Instrumentation Contractor: Name & Phone #: Company name, contact name & Phone	#:	
GENERAL REQUIREMENTS		
	downstream of meter facilities, need to be to lower than 4lbs/mmcf before site inspection	
All equipment shall be compliant as detailed in the Raw Gas Transmission (RGT) Measurement Policy. Please refer to http://www.fieldservices-midstream.com for any additional information		
The metering facility shall be properly housed in a heated building	Is the building heated?	
NorthRiver Midstream (NRM) requires that the Over	Yes ; No	
Pressure Protection (OPP) system must be completely stand alone, and of electric, pneumatic or mechanical fail safe design and be fully operational. OPP system must not be controlled using a PLC	Does the OPP system use a PLC controller? Yes □; No □	
Pressure Control (PC) shall be set to limit the pressure to no more than 100% of the NRM pipeline Maximum Operating Pressure (MOP) and Over Pressure Protection shall be set to limit the pressure to no more than 110% of the NRM pipeline MOP respectively	Have the Pressure Control and Over Pressure Protection devices been tested to trip at set point and not exceed NRM MOP? Yes □; No □	
PC and OPP systems shall be specifically designated to protect NRM piping	Are there any valves capable of over-riding, bypassing or isolating the PC/OPP device? Yes ; No If so, please secure the valve in the normal operating position with an NRM car seal	

The Pressure Control and Over Pressure Protection devices shall be functional and calibrated prior to start up. The NRM technician will be dispatched to	Are the Pressure Control and Over Pressure Protection devices calibrated?
site, to inspect and witness the verification	Yes □; No □
A copy of the completed calibration certificates, including all required signatures, with correct traceability to the PC/OPP devices and tags numbers must be emailed after the site inspection	Are calibration forms fully and accurately completed to meet compliance?
Email scanned copy to: mts@nrm.ca	Yes □; No □
All Receipt Points shall have a sample point located upstream of the gas meter run, extending to the	Probe installed as per specifications?
center 1/3 of the pipe. It shall be located such that samples are taken from a fully developed flowing stream, 5 pipe diameters downstream of any obstruction (elbows, tees, meter runs, etc.)	Yes □; No □

INSTRUMENT REQUIREMENTS		
Recent calibrating equipment used in the field shall meet all the required specifications as outlined in the RGT measurement policy For pressure equipment, a dry pressure source such as nitrogen shall be used for calibration. Liquid mediums are not to be used for calibration	Does the Instrumentation Contractor have the proper calibration equipment on site as well as a copy of the certificate verifying annual certification? Yes : No :	
The Receipt Point operator's instrumentation contractor shall conduct the verification and calibration of the EFM device prior to the site inspection by NRM personnel	Has the Instrumentation contractor completed the calibration of the EFM devices? Yes : No : No : Is a copy of the EFM calibration available on site? Yes : No : No : Is a copy of the EFM calibration available on site?	
The Instrumentation contractor shall have the correct software, and is able to communicate with the EFM device	EFM available on site? Yes : No : No : EFM communications software available? Yes : No : No : Has the EFM configuration file been sent back to NRM? Yes : No : No : No : NRM?	
In order to properly verify the EFM flow calculations, the Instrumentation contractor shall have AGA calculation software available on site. (Preferably Flowcheck)	Does the Instrumentation Contractor have AGA calculation software available? Yes : No :	
The gas and/or liquid composition programmed into the EFM device shall be updated with the most recent analysis	Is there a recent gas analysis available on site? Yes □; No □	

NRM requires that the atmospheric pressure based on the actual elevation be programmed into the	Has the site elevation been calculated?
electronic flow measurement device	Yes □; No □
The Instrumentation contractor shall have the correct software, and is able to communicate with	RTU available on site?
the RTU device	Yes □; No □
	RTU communications software available?
	Yes □; No □
Receipt point owners must install a communications link between the EFM and RTU devices to the	Are communications commissioned and operating?
nearest NRM communications hub	Yes □; No □
NRM will provide a SCADA Address	EFM 🔲
Producer must contact the area Team Leader two weeks in advance to arrange the SCADA commissioning, including a point to end device check	Type Address:
SCADA on call: (250) 794-4238	Radio
	or Phone (dial up)
	Cell ; Landline ; ; Switch:
	Address:
	Phone Number:
	RTU N/A 🗍 Radio 🗍
	SRT-Microwave ; MDS-UHF or
	Phone (dial up)
	Switch:
	Address:Phone Number:

Before contacting NRM to dispatch a measurement technician to conduct the site inspection, all	EFM Powered and Wired?
instruments and analyzers are to be wired, powered up and communicating on the SCADA system	Yes □; No □; N/A □
NRM will only dispatch personnel to site after they have verified on SCADA all required equipment is communicating on SCADA	Transmitters Powered and Wired?
	Yes □; No □; N/A □
	RTU Powered and Wired?
	Yes □; No □; N/A □
	Panel Powered, Wired and Function Tested?
	Yes □; No □; N/A □
	Moisture Analyzer Powered, Wired and Function Tested?
	Yes []; No []; N/A []
NRM requires that the piping at the Receipt Point	Is facility piping at sales pressure?
will be pressurized at the time of arrival Gas must meet applicable moisture of less than 4	Yes □; No □
lbs/mmcf., and NRM's hydrocarbon dewpoint specifications	Expected Pressure =
	Moisture Dewpoint =
	Hydrocarbon Dewpoint =
For sour sites, an H2S free instrument air or nitrogen purge must be provided for the moisture analyzer head unit, enclosed in a NEMA or XP case depending on location	Is there an Instrument air or nitrogen purge for the analyzer housing?
	Air ☐; Nitrogen ☐; None ☐; N/A(Sweet) ☐
NRM requires two weeks' notice from the producer to schedule a measurement technician to perform the initial inspection and verification	Area Team Leader contacted 2 weeks prior to start up?
Please contact the area Team Leader or designate to schedule NRM Technicians to inspect the site	Yes No No
Team Leaders / Supervisors Fort St. John: Kevin Habb 250-262-3651 Fort Nelson: Denise Barry 250-233-6346	
Designate - Area Business Specialist Steven Vig 250-262-3478 Doug Gulevich 250-262-3421	

Manufacturer or blend of corrosion inhibitor Please inform the area Team Leader/Supervisor each time pigging into our system will occur: Team Leaders Fort St. John: Kevin Habb 250-262-3651 Steven Vig 250-262-3478 Fort Nelson: Denise Barry 250-233-6346	Manufacturer/blend Quantity Frequency
MTS COMMENTS	FIELD TECHNICIAN NOTES
Please return completed Pre-Inspection Checklist to mts@nrm.ca	
Completed by:	Date:
Signature:	