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PCS PHOSPHATE Suwannee River Chemicals

NATURAL GAS LEAK SURVEY
JULY 2017

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July, 2017

Potash Corporation
Suwannee River Chemicals
Post Office Box 300
White Springs, Florida 32096-0300
ATTN: Mr. Ron Spells / Jeff Hackney
Project Representatives

ANNUAL NATURAL GAS SAFETY SURVEY

A natural gas leakage survey was conducted for Potash Corporation Suwannee River Chemicals, White Springs, Florida during the month of July 2017. An area including the entire gas distribution system, as represented by management, was surveyed for natural gas leaks.

There were no Grade I leaks, Grade II leaks or Grade III leaks detected during this survey. No leaks were detected on the following facilities:

METER -	0	REGULATOR -	0	RISER -	0	CUT OFF -	0
SERVICE -	0	SERVICE TAP -	0	VALVE -	0	MAIN -	0

Any leak detected will be classified according to the criteria on the following pages.

Leak Grading Techniques

Leak grading provides standard evaluation of leak hazards to establish repair priority. That is why leaks must be graded consistently.

When a leak is detected, use a Combustible Gas Indicator (CGI) or an approved Electronic Gas Detector to evaluate and classify it. These are the only two instruments that may be used to classify a leak. Whichever instrument is used, approach every leak as if it is hazardous. Take all safety precautions.

When evaluating any gas leak indication, the first step is to determine the perimeter or the leak area. When this perimeter extends to a building wall, continue the investigation into the building.

Should gas be detected in sanitary sewers or ducts, make further tests in both the manhole and the lateral openings into the manhole. With the manhole lid off, the highest sustained reading in either the manhole or lateral is the true reading.

When evaluating underground leaks, use the highest sustained reading obtained with continued aspiration of the CGI bulb after natural ventilation of a sufficient number of bar holes. Usually, this will be no more than 12 aspirations.

Leak Grades

Based on an evaluation of the location and magnitude of a leak, assign a leak grade (classification) to establish the leak repair priority. Leaks fall into one of three grades, as defined below:

- **Grade I:**

A leak that represents an existing or probable hazard to persons or property, and requires immediate repair or continuous action until the conditions are no longer hazardous.

- **Grade II:**

A leak that is recognized as being non – hazardous at the time of detection, but requires scheduled repair based on probable future hazard.

- **Grade III:**

A leak that is non – hazardous at the time of detection and can reasonably be expected to remain non - hazardous.

Grade I Leak

Grade I leaks present an immediate and definite threat and require immediate repair or continuous action until the condition is eliminated.

Some examples of Grade I leaks include:

- Gas migration into or under a building.
- Gas migration into a tunnel, conduit, sanitary sewer or related manhole.
- Gas migration into an enclosure which contains equipment that may be a source of ignition.
- Readings outside a building where gas is likely to migrate to the building.
- A leak where gas has ignited.

Take any necessary action to protect life and property ***immediately***. Report these leaks to repair personnel as soon as possible. If necessary, implement the company emergency action plan. This plan may include evacuating the premises, blocking off an area, rerouting traffic, venting the area, stopping gas flow by closing valves or other means and notifying fire and police departments.

Eliminate all sources of ignition in the area. These may include heaters, de – energizing air conditioners, electric motors, starters, electrical switches and any other sources of sparks.

Remember not to operate electrical appliances in a gaseous atmosphere, even to turn them off or unplug them. If it is necessary to shut off electrical power, do it at the pole or other location away from the leak area.

Grade II Leak

These leaks are not an immediate hazard, but because of location, volume or pressure, may become a hazard. Classify leaks Grade II only after investigation (including extensive bar testing for underground leaks) determines that the leak does not meet the criteria for a Grade I leak.

Factors influencing Grade II leaks include amount of migration, proximity to buildings and subsurface structures, extent of pavement near and type of soil around the leak, including soil condition.

Florida's minimum requirement is that Grade II leaks must be repaired within 90 days after they were located.

Grade III Leak

These leaks are not a threat to persons or property and are not expected to become a hazard in the future.

Florida law requires that above ground [surface] Grade III leaks be repaired within 90 days of the date they are located unless the leak is upgraded or does not produce a positive leak indication when a soap and water solution, or its equivalent, is applied on suspected locations at operating pressures.

Florida law requires that below ground Grade III leaks be re-evaluated at least once every six months until cleared. The frequency of re-evaluation shall be determined by the location and magnitude of the leak condition.

Follow – up Activity

After a leak is classified and repaired, follow up inspection is required. Follow – up activities include:

- Inspection
- Re – evaluation

Inspection of a Leak

Always ensure that the leak is completely repaired before backfilling. Check the perimeter of the leak area with a Combustible Gas Indicator. Where there is residual gas in the ground after the repair of a Grade I leak, make a follow – up inspection as soon as practical after allowing the soil to vent gas to the atmosphere and stabilize. This should be within one month following the repair. In the case of other leak repairs, the need for a follow – up inspection should be determined by qualified personnel.

Re – evaluation of a Leak

When re – evaluating a leak, the same criteria must be used as when the leak was first graded.

Leak Classification - Grade I

DEFINITION:

A leak that represents an existing or probable hazard to persons or property, and requires immediate repair or continuous action until the conditions are no longer hazardous.

ACTION CRITERIA:

Requires prompt action to protect life and property, and continuous action until the conditions are no longer hazardous. The adequacy of all repairs of leaks shall be checked by appropriate methods immediately after the repairs are completed. Where there is residual gas in the ground, a follow-up inspection using a gas detector instrument must be made as soon as the gas has had an opportunity to dissipate, but no later than one month for Grade I leaks. The date and status of re-check shall be recorded on the leak repair records.

Prompt action in some instances may require one or more of the following:

- Implementation of Company emergency plan (§192.615)
- Evacuating premises
- Block off an area
- Re-route traffic
- Eliminate ignition sources
- Venting the area
- Notify Police and Fire departments
- Stopping the flow of gas by closing valves or other means

Leak Classification - Grade I

EXAMPLES:

- Any leak which in the judgement of the operating personnel at the scene, is regarded as an immediate hazard.
- Escaping gas that has ignited.
- Any indication of gas which has migrated into or under a building, or into a tunnel.
- Any reading at the outside wall of a building, or where gas would likely migrate to an outside wall of a building.
- Any reading of 80% Lower Explosive Limit, or greater, in a confined space.
- Any reading of 80% Lower Explosive Limit, or greater in small substructures (other than gas associated substructures) from which gas would likely migrate to the outside wall of a building.
- Any leak that can be seen, heard or felt, and which is in a location that may endanger company personnel or property.

Leak Classification - Grade II

DEFINITION:

A leak that is recognized as being non-hazardous at the time of detection, but justifies scheduled repair based on probable future hazard.

ACTION CRITERIA:

Grade II leaks should be repaired or cleared within 90 days from the date the leak was originally located, unless due to re-survey the leak is determined to be a Grade III leak. In determining the repair priority, criteria such as the following should be considered. The adequacy of all leak repair shall be checked by appropriate methods immediately after the repairs are completed. Where there is residual gas in the ground, a follow-up inspection using a gas detector instrument must be made as soon as the gas has had an opportunity to dissipate, but no later than six months for Grade II leaks. The date and status of re-check shall be recorded on the leak repair records.

- Amount of migration of gas.
- Proximity of gas to buildings and subsurface structures.
- Extent of pavement.
- Soil type and conditions (such as moisture and natural venting).

Grade II leaks vary greatly in degree of potential hazard. Some Grade II leaks, when evaluated by the above criteria, may justify scheduled repair within the next five working days. Others will justify repair within 30 days. During the working day on which the leak is discovered, these situations should be brought to the attention of the individual responsible for scheduling leak repair.

On the other hand, many Grade II leaks, because of their location and magnitude, can be scheduled for repair on a normal routine basis with periodic re-inspection as necessary.

Leak Classification - Grade II

EXAMPLES:

Any leaks requiring action ahead of adverse changes in venting soil conditions. Any leak which, under adverse soil conditions, would likely migrate to the outside wall of a building.

Leaks requiring action within 90 days are:

- Any reading of 40% Lower Explosive Limit, or greater, under a sidewalk, in a wall to wall paved area that has significant gas migration and does not qualify as a Grade I leak.
- Any reading of 100% Lower Explosive Limit, or greater, under a street in a wall to wall paved area that has significant gas migration and does not qualify as a Grade I leak.
- Any reading less than 80% Lower Explosive Limit in small substructures (other than gas associated substructures) from which gas would likely migrate creating a probable future hazard.
- Any reading between 30% Lower Explosive Limit and 80% Lower Explosive Limit in a confined space.
- Any reading on a pipeline operating at 30% SMYS, or greater, in a class three or four location, which does not qualify as a Grade I leak.
- Any reading of 80% Lower Explosive Limit, or greater, in gas associated substructures.
- Any leak which, in the judgment of operating personnel at the scene, is of sufficient magnitude to justify scheduled repair.

Leak Classification - Grade III

DEFINITION:

A leak that is non-hazardous at the time of detection and can be reasonably expected to remain non-hazardous.

ACTION CRITERIA:

Above ground Grade III leaks shall be repaired within 90 days from the date the leak was originally located unless the leak is upgraded or does not produce a positive leak indication when a soap and water solution, or its equivalent, is applied on suspected locations at operating pressures. Sub-surface Grade III leaks shall be re-evaluated at least once every six months until cleared. The frequency of re-evaluation shall be determined by the location and magnitude of the leak condition.

EXAMPLES:

Leaks requiring re-evaluation at periodic intervals include:

- Any reading of less than 80% Lower Explosive Limit in small gas associated substructures.
- Any reading under a street in areas without wall to wall paving where it is unlikely the gas could migrate to the outside wall of a building.
- Any reading of less than 30% Lower Explosive Limit in a confined area.



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CERTIFICATE OF CALIBRATION

	<u>Concentration</u>	<u>Vendor</u>	<u>Lot No.</u>	<u>for Model</u>
1. %Methane / Air	2.50% / bal	Bascom-Turner	11-4311	Gas Rover

Unit ID: 2
 Serial Number: 1324-402780
 User: _____ Date Calibrated: 7/5/2017
 Model Number: VGI-211 Time Calibrated (HH:MM): 13:39:00

Block Check OK(Y/N): Y

Sensor	Calibration Gas	Before Calibration	After Calibration	Sensitivity	OK (Y/N)
LEL	50% LEL	50	50	2042	Y
CO	100 PPM				
GAS	Air / Cal Gas	100	100	942	Y
GAS	System Gas	100	100	4087	Y
OXYGEN	Air				
H2S	H2S				
PPM GAS	50% LEL	50	50	1742	Y

This instrument has been calibrated and verified accurate within the specified tolerances. To assure proper operation and conformance to specifications, instruments must be re-calibrated periodically as described in the manual furnished with the instrument.

July 5, 2017

Date

Signature

City Services, Inc. (CSI)
User Task Status Report

Run by: Bobby Boyd
Run on: 3/26/2015

Whitfield, Mitch

TASK NAME

0001 - Measure Structure-To-Electrolyte Potential Qualification Type

STATUS

Qualified
Verified

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

ENERGY worldnet, Inc. - Performance

3/10/2015 3/10/2018 EV

ENERGY worldnet, Inc. - Performance

3/10/2015 3/10/2018 EV

ENERGY worldnet, Inc. - Written

3/6/2015 3/6/2018 EV

ENERGY worldnet, Inc. - Written

3/6/2015 3/6/2018 EV

ENERGY worldnet, Inc. - Written

3/21/2015 3/21/2018 EV

0031 - Inspect And Monitor Galvanic Ground Beds/Anodes

Qualification Type

ENERGY worldnet, Inc. - Performance

Qualified
Verified

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

EWN-PE-Install Galvanic Anode (9.2, 0031) - 2584

3/10/2015 3/10/2018 EV

EWN-CBT-AOC Failure to Follow Procedures - 2207

3/6/2015 3/6/2018 EV

EWN-CBT-AOC Insufficient Cathodic Protection - 2212

3/6/2015 3/6/2018 EV

EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355

3/21/2015 3/21/2018 EV

ENERGY worldnet, Inc. - Written

0061 - Inspect or Test Cathodic Protection Bonds

Qualification Type

Qualified
Verified

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

Evaluation Date **Expiration Date**

ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect and Perform Electrical Test of Bonds and Isolation Devices (1.4, 0061) - 2652	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV
0071 - Inspect or Test Cathodic Protection Electrical Isolation Devices				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect and test isolation devices (1.5, 0071, 0081) - 2653	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV
0081 - Install Cathodic Protection Electrical Isolation Devices				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect and test isolation devices (1.5, 0071, 0081) - 2653	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV

0091 - Troubleshoot in-Service Cathodic Protection System

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Cathodic Protection Remediation (0091) - 2361	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Test to Detect Interference (1.3) - 2651	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Test to Detect Interference (1.3) - 2594	3/21/2015	3/21/2018	EV

0101 - Inspect Rectifier And Obtain Readings

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Obtain a voltage output reading from a rectifier (3.1, 0101) - 2697	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Check for Proper Operation of a Rectifier (3.2) - 2698	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV

0111 - Maintain Rectifier

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Repair or Replace Defective Rectifier Components (4.2, 0111) - 2573	3/21/2015	3/21/2018	EV

ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Rectifiers(3.1, 3.2, 4.1, 4.2, 4.3, 9.3, 0101, 0111) - 2319	3/21/2015	3/21/2018	EV
	0141 - Visual Inspection For Atmospheric Corrosion			Qualified
	Evaluations			Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Visual Inspection of Atmospheric Coating (7.1, 0141) - 2646	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Atmospheric Corrosion (7.1, 0141) - 2223	3/9/2015	3/9/2018	EV
	0151 - Visual Inspection of Buried Pipe and Components When Exposed			Qualified
	Evaluations			Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect for External Corrosion on Buried or Submerged Pipe (5.2) - 2643	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect the Condition of External Coating on Buried or Submerged Pipe (5.3, 0151) - 2644	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV
	0161 - Visual Inspection for Internal Corrosion			Qualified

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect Internal Pipe Surfaces (12, 0161) - 2370	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Internal Corrosion (12) - 2213	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Inspect Internal Pipe Surface (12) - 2685	3/21/2015	3/21/2018	EV
0171 - Measure External Corrosion				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV
0191 - Measure Atmospheric Corrosion				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Measure Corroded Area (8.3, 0191) - 2582	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	3/21/2015	3/21/2018	EV
0201 - Visual Inspection of Installed Pipe and Components for Mechanical Damage				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect for Physical Damage on Buried or Submerged pipe (0211) - 2642	3/10/2015	3/10/2018	EV

ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-AOC Pipeline Damage (L) - 2753	3/20/2015	3/20/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Inspect for Physical Damage on Buried or Submerged Pipe (5.1) - 8695	3/21/2015	3/21/2018	EV
0211 - Measure and Characterize Mechanical Damage on Installed Pipe and Components	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect for Physical Damage on Buried or Submerged pipe (0211) - 2642	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-AOC Pipeline Damage (L) - 2753	3/20/2015	3/20/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Inspect for Physical Damage on Buried or Submerged Pipe (5.1) - 8695	3/21/2015	3/21/2018	EV
0251 - Inspection and Testing, Corrective and Preventive Maintenance, Overfill Protection Systems	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect, Calibrate & Repair Overfill Protective Devices (31, 0251) - 2397	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Test Overfill Protective Devices (30.0) - 2664	3/21/2015	3/21/2018	EV
0261 - Inspection, Testing, Corrective and Preventive Maintenance - Tank Gauges for Leak Detection	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	EWN-WE-Test Overfill Protective Devices (30.0) - 2664	3/21/2015	3/21/2018	EV

ENERGY worldnet, Inc. - Performance	EWN-PE-Inspection Testing and Calibrations of Leak Detection Equipment (44.1, 0551, 0291, 0261, 0281, 0241) - 2747	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Inspection, Testing and Calibrations of Leak Detection Equipment (44.1, 0551, 0291, 0261) - 2746	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-AOC Unplanned Escape of Product from a Pipeline (L) - 2749	3/7/2015	3/7/2018	EV
0301 - Manually Opening and Closing Valves				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Manually or Remotely Open or Close Valves (0311, 0301) - 2641	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Vault and Valve Inspection (59, 1191, 1351) - 2343	3/21/2015	3/21/2018	EV
0311 - Adjust and Monitor Flow or Pressure - Manual Valve Operation				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Leak Test Valve (20.4) - 2565	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Manually or Remotely Open or Close Valves (0311, 0301) - 2641	3/10/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV

ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Vault and Valve Inspection (59, 1191, 1351) - 2343	3/21/2015	3/21/2018	EV
0321 - Valve Corrective Maintenance				Qualified
Qualification Type		Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Internal Inspection of Valve (21.3) - 2624	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Internal Inspection of Valves (21.3) - 9960	3/21/2015	3/21/2018	EV
0331 - Visual Inspection and Partial Operation				Qualified
Qualification Type		Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-External Integrity Inspection (20.2, 0201) - 2563	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Function Test Valve (20.3, 0331) - 2564	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Valve Lubrication (19.2, 0341) - 2634	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Valve Seat Sealing (19.3) - 2635	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Valve Stem Packing Maintenance (19.4, 0321) - 2636	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Valve Lubrication (19.2) - 2695	3/21/2015	3/21/2018	EV

ENERGY worldnet, Inc. - Written	EWN-WE-Valve Seat Sealing (19.3) - 8817	3/19/2015	3/19/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Valve Stem Packing Maintenance (19.4) - 8867	3/19/2015	3/19/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-External Integrity Inspection (20.2) - 8868	3/19/2015	3/19/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Function Test Valve (20.3) - 8871	3/19/2015	3/19/2018	EV
0341 - Valve-Preventive Maintenance				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Valve Lubrication (19.2, 0341) - 2634	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Valve Seat Sealing (19.3) - 2635	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Valve Stem Packing Maintenance (19.4, 0321) - 2636	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Valve Lubrication (19.2) - 2695	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Valve Seat Sealing (19.3) - 8817	3/19/2015	3/19/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Valve Stem Packing Maintenance (19.4) - 8867	3/19/2015	3/19/2018	EV
0391 - Pilot - Operated Pressure Regulating Device - Inspection, Testing, Preventive and Corrective Maintenance				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect Test and Calibrate Pressure Limiting Devices and Relief Valves (24, 0401, 0421, 0411, 0381) - 2629	3/19/2015	3/19/2018	EV

ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV	Qualified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV	Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-Pressure Instrumentation (0401, 0391, 0381) - 2311	3/19/2015	3/19/2018	EV	Qualified
0401 - Controller Type Pressure	Regulating Device » Inspection, Testing, Preventive and				
Corrective Maintenance					
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified	
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect Test and Calibrate Pressure Limiting Devices and Relief Valves (24, 0401, 0421, 0411, 0381) - 2629	3/19/2015	3/19/2018	EV	Qualified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV	Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV	Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-Pressure Instrumentation (0401, 0391, 0381) - 2311	3/19/2015	3/19/2018	EV	Qualified
0411 - Spring - Loaded Pressure	Limiting and Relief Device - Inspection, Testing, Preventive and				
Corrective Maintenance					
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified	
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintain Repair Relief Valves (23.1, 0431) - 2627	3/10/2015	3/10/2018	EV	Qualified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV	Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV	Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-Regulator and Relief Inspection (23.1, 24, 0421, 0431) - 2322	3/19/2015	3/19/2018	EV	Qualified

0421 - Pilot Operated Pressure Limiting and Relief Device - Inspection, Testing, Preventive and Corrective Maintenance

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintain Repair Relief Valves (23.1, 0431) - 2627	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Regulator and Relief Inspection (23.1, 24, 0421, 0431) - 2322	3/19/2015	3/19/2018	EV

0591 - Leak Test at Operating Pressure

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	3/6/2015	3/6/2018	EV

0641 - Visually Inspect Pipe and Components Prior To Installation

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Visually Inspect Pipe and Pipe Components (38.1, 0641) - 2606	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2272	3/21/2015	3/21/2018	EV

EWN-CBT-Installing Steel & Plastic Mains and Services Part 2(0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2273

ENERGY worldnet, Inc. - Written

0681 - Joining of Plastic Pipe - Stab Fittings

Qualification Type

ENERGY worldnet, Inc. - Performance

Evaluations

EWN-PE-Perform Plastic Pipeline Fusion (0791) - 2402
 EWN-PE-Installation of a Continental Bolt-on Tap Tee w/Stab Fitting - 2530
 EWN-CBT-AOC Failure to Follow Procedures - 2207

3/21/2015

Evaluation Date

3/21/2018

Expiration Date

EV

Qualified
Verified

ENERGY worldnet, Inc. - Performance

EWN-PE-Perform Plastic Pipeline Fusion (0791) - 2402
 EWN-PE-Installation of a Continental Bolt-on Tap Tee w/Stab Fitting - 2530
 EWN-CBT-AOC Failure to Follow Procedures - 2207

3/10/2015

3/10/2018

EV

ENERGY worldnet, Inc. - Performance

EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2272

3/10/2015

3/10/2018

EV

ENERGY worldnet, Inc. - Written

EWN-CBT-Installing Steel & Plastic Mains and Services Part 2(0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2273

3/6/2015

3/6/2018

EV

ENERGY worldnet, Inc. - Written

EWN-CBT-Installing Steel & Plastic Mains and Services Part 2(0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2273

3/21/2015

3/21/2018

EV

ENERGY worldnet, Inc. - Written

EWN-CBT-Installing Steel & Plastic Mains and Services Part 2(0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2273

3/21/2015

3/21/2018

EV

ENERGY worldnet, Inc. - Written

EWN-CBT-Plastic Fusion (0761, 0771, 0791) - 2305

3/21/2015

3/21/2018

EV

0711 - Joining of Pipe - Compression Couplings

Qualification Type

ENERGY worldnet, Inc. - Written

Evaluations

EWN-CBT-AOC Failure to Follow Procedures - 2207

Evaluation Date

Expiration Date

Qualified
Verified

ENERGY worldnet, Inc. - Written

EWN-CBT-AOC Inoperability of a Pipeline Component - 2211

3/6/2015

3/6/2018

EV

ENERGY worldnet, Inc. - Written

EWN-CBT-AOC Inoperability of a Pipeline Component - 2211

3/6/2015

3/6/2018

EV

EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2272

ENERGY worldnet, Inc. - Written

3/22/2015

3/22/2018

EV

EWN-CBT-Installing Steel & Plastic Mains and Services Part 2(0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741, 0211, 0851) - 2273

ENERGY worldnet, Inc. - Written

3/22/2015

3/22/2018

EV

0751 - Joining of Plastic Pipe - Butt Heat Fusion: Manual
Qualification Type

Qualified
Verified

Evaluation Date **Expiration Date**

EWN-PE-Plastic Pipe Fusion Butt and Sidewall (0761, 0771, 0751) - 2306

ENERGY worldnet, Inc. - Performance

3/10/2015

3/10/2018

EV

EWN-CBT-AOC Failure to Follow Procedures - 2207

ENERGY worldnet, Inc. - Written

3/6/2015

3/6/2018

EV

EWN-CBT-Plastic Fusion (0761, 0771, 0791) - 2305

ENERGY worldnet, Inc. - Written

3/10/2015

3/10/2018

EV

0781 - Joining of Plastic Pipe - Electrofusion
Qualification Type

Qualified
Verified

Evaluation Date **Expiration Date**

EWN-PE-Electrofusion (0781) - 2242

ENERGY worldnet, Inc. - Performance

3/10/2015

3/10/2018

EV

EWN-CBT-AOC Failure to Follow Procedures - 2207

ENERGY worldnet, Inc. - Written

3/6/2015

3/6/2018

EV

EWN-CBT-Electrofusion (0781) - 2241

ENERGY worldnet, Inc. - Written

3/20/2015

3/20/2018

EV

0791 - Joining of Plastic Pipe - Socket Heat Fusion
Qualification Type

Qualified
Verified

Evaluation Date **Expiration Date**

EWN-PE-Perform Plastic Pipeline Fusion (0791) - 2402

ENERGY worldnet, Inc. - Performance

3/10/2015

3/10/2018

EV

EWN-CBT-AOC Failure to Follow Procedures - 2207

ENERGY worldnet, Inc. - Written

3/6/2015

3/6/2018

EV

ENERGY worldnet, Inc. - Written	EWN-CBT-Plastic Fusion (0761, 0771, 0791) - 2305	3/21/2015	3/21/2018	EV	Qualified
0861 - Installation of Steel Pipe in a Ditch	Evaluations	Evaluation Date	Expiration Date	EV	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Steel Pipe (0721, 0741, 0871, 0861, 0881, 1071) - 2290	3/10/2015	3/10/2018	EV	
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Buckled or Dented Pipe - 2205	3/6/2015	3/6/2018	EV	
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV	
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/22/2015	3/22/2018	EV	Qualified
0871 - Installation of Steel Pipe in a Bore	Evaluations	Evaluation Date	Expiration Date	EV	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Steel Pipe (0721, 0741, 0871, 0861, 0881, 1071) - 2290	3/21/2015	3/21/2018	EV	
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Buckled or Dented Pipe - 2205	3/6/2015	3/6/2018	EV	
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV	
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV	
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/21/2015	3/21/2018	EV	Qualified
0881 - Installation of Steel Pipe Plowing/Pull-In					

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Steel Pipe (0721, 0741, 0871, 0861, 0881, 1071) - 2290	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Buckled or Dented Pipe - 2205	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/21/2015	3/21/2018	EV
0901 - Installation of Plastic Pipe in a Ditch				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Plastic Pipe (0941, 0931, 0911, 0901, 0921) - 2289	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Buckled or Dented Pipe - 2205	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/21/2015	3/21/2018	EV
0911 - Installation of Plastic Pipe in a Bore				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified

ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Plastic Pipe (0941, 0931, 0911, 0901, 0921) - 2289	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Buckled or Dented Pipe - 2205	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/21/2015+	3/21/2018	EV
0921 - Installation of Plastic Pipe	Plowing/Pull-In	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Plastic Pipe (0941, 0931, 0911, 0901, 0921) - 2289	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Buckled or Dented Pipe - 2205	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/21/2015	3/21/2018	EV
0931 - Installation of Plastic Pipe	Plowing/Planting	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Plastic Pipe (0941, 0931, 0911, 0901, 0921) - 2289	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Buckled or Dented Pipe - 2205	3/6/2015	3/6/2018	EV

ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/21/2015	3/21/2018	EV
0941 - Install Tracer Wire Qualification Type		Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Maintenance of Plastic Pipe (0941, 0931, 0911, 0901, 0921) - 2289	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Steel & Plastic Mains and Services Part 1 (0941, 0931, 0911, 0901, 0921, 0871, 0861, 0881, 0721, 0731, 0741,0211, 0851) - 2272	3/21/2015	3/21/2015	EV
0951 - Installation of Pipe Above Ground Qualification Type		Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Installation of Steel Pipe: Above Ground (0951) - 9908	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Install or Repair Support Structures on Existing Above Ground Components (37) - 2673	3/20/2015	3/20/2018	EV
0971 - Installation and Maintenance of Casing Spacers, Vents and Seals				Qualified

Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Test Electrical Isolation on Cased Crossings/Taps/Meter Stations - 2340	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Repair Shorted Casing (9.5) - 2587	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
0991 - Coating Application and Repair- Brushed or Rolled				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Prepare Surface for Coating Using Hand and Power Tools (13.1) - 2543	3/22/2015	3/22/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Apply Atmospheric Coating Using Hand Application Methods (7.5) - 2580	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Atmospheric Corrosion (7.1, 0141) - 2223	3/9/2015	3/9/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Apply and Repair External Coating on Buried or Submerged Pipe (13) - 2665	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Apply Atmospheric Coating Using Hand Application Methods (7.5) - 8723	3/7/2015	3/7/2018	EV
1011 - External Coating Application and Repair- Wrapped				Qualified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Prepare Surface for Coating Using Hand and Power Tools (13.1) - 2543	3/21/2015	3/21/2018	EV

ENERGY worldnet, Inc. - Performance	EWN-PE-Apply Coating Using Hand Application Methods (013.4., 0991, 1011) - 2546	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Apply Atmospheric Coating Using Hand Application Methods (7.5) - 2580	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Atmospheric Corrosion (7.1, 0141) - 2223	3/9/2015	3/9/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Prepare Surface for Atmospheric Coatings (7.2) - 2662	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Apply and Repair External Coating on Buried or Submerged Pipe (13) - 2665	3/7/2015	3/7/2018	EV
	1081 - Tapping a Pipeline (Tap Diameter 2 Inch and Less)			Qualified
	Qualification Type	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Tapping a Pipeline 2 Inches and Under (40.7, 1081) - 8738	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Tapping and Stopping - General (40.8, 1121, 1131, 1091) - 2336	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-General Pipeline Repair-Tapping (40.7) - 2678	3/7/2015	3/7/2018	EV
	1091 - Tapping a Pipeline (Tap Diameter Greater Than 2 Inch)			Qualified
	Qualification Type	Evaluation Date	Expiration Date	Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Tapping a Pipeline 2-1/2 inches and Larger (40.8, 1091) - 9351	3/10/2015	3/10/2018	EV

ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Tapping and Stopping - General (40.8, 1121, 1131, 1091) - 2336	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-Tapping a Pipeline 2 1/2 (40.8) - 8784	3/7/2015	3/7/2018	EV
1141 - Squeeze Off Plastic Pipe				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Squeeze Off Plastic Pipe (1141) - 2307	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Flammable Gas Atmosphere - 2209	3/6/2015	3/6/2018	EV
1161 - Installation of Customer Meters and Regulators - Residential and Small Commercial				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Performance	EWN-PE-Gas Meter Change (1161, 1171) - 2262	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Gas Meter Turn On - 2263	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Inoperability of a Pipeline Component - 2211	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Installing Gas Meters (1161, 1171) - 2271	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Meter Regulator Sizing and Adjustments - 2292	3/7/2015	3/7/2018	EV
1171 - Installing Customer Meters - Large Commercial and Industrial				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Flammable Gas Atmosphere - 2209	3/6/2015	3/6/2018	EV

1181 - Installing and Maintaining Customer Pressure Regulating, Limiting, and Relief Device -
Qualification Type

Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	3/10/2015	3/10/2018	EV
EWN-CBT-AOC Failure to Follow Procedures - 2207			
EWN-CBT-AOC Gas Blowing or Liquid Flowing from Pressure Relief - 2210	3/10/2015	3/10/2018	EV
EWN-CBT-Pressure Instrumentation	3/10/2015	3/10/2018	EV
EWN-CBT-Pressure Testing of	3/10/2015	3/10/2018	EV
EWN-PE-Pressure Testing of Facilities (1181) - 2313	3/9/2015	3/9/2018	EV
EWN-PE-Abandonment of Facilities - 2199	3/9/2015	3/9/2018	EV
EWN-CBT-Abandonment of Facilities - 2198	3/9/2015	3/9/2018	EV
EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
EWN-CBT-AOC Flammable Gas Atmosphere - 2209	3/6/2015	3/6/2018	Qualified Verified

1211 - Odorization - Periodic Sampling

Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	3/21/2015	3/21/2018	EV
EWN-PE-Perform Odorometer Tests (58) - 2422			
EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	3/6/2015	3/6/2018	EV
EWN-CBT-AOC Under Odorization - 2218	3/6/2015	3/6/2018	EV
EWN-CBT-Odorization (57, 58, 1221) - 2295	3/7/2015	3/7/2018	Qualified Verified
ENERGY worldnet, Inc. - Written	3/21/2015	3/21/2018	EV
EWN-PE-Perform Odorometer Tests (58) - 2422			

1221 - Odorization - Odorizer Inspection, Testing, Preventive and Corrective Maintenance

Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	3/21/2015	3/21/2018	EV
EWN-PE-Perform Odorometer Tests (58) - 2422			

ENERGY worldnet, Inc. - Performance	EWN-PE-Operate/Inspect/Maintain Injection Odorant System - 2444	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Operate/Inspect/Maintain Bypass/Wick Odorant System - 2454	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Under Odorization - 2218	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Odorization (57, 58, 1221) - 2295	3/7/2015	3/7/2018	Qualified
1231 - Inside Gas Leak Investigation				Verified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Customer Leak Investigation (1231) - 2238	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Investigate Leaks, Damages, & Reported Problems - 2275	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Flammable Gas Atmosphere - 2209	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Leak Investigation - 2281	3/7/2015	3/7/2018	Qualified
1241 - Outside Gas Leak Investigation				Verified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Leak Survey (1241, 1261) - 2283	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Perform/Observe Leak Survey/Patrol - 2455	3/10/2015	3/10/2018	EV

ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Flammable Gas Atmosphere - 2209	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Leak Survey and Patrols (52.1, 52.2, 1241, 1261) - 2282	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Reporting Field Gas Leaks - 2325	3/7/2015	3/7/2018	Qualified Verified
1261 - Walking Gas Leakage Survey				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Leak Survey (1241, 1261) - 2283	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Flammable Gas Atmosphere - 2209	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Leak Survey and Patrols (52.1, 52.2, 1241, 1261) - 2282	3/7/2015	3/7/2018	Qualified Verified
1291 - Locate Underground Pipelines				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Locate Line (14.1, 1291) - 2548	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Reporting Protocols (15.2, 1311) - 2553	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Use of Probing Equipment (16.1) - 2554	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	3/6/2015	3/6/2018	EV

ENERGY worldnet, Inc. - Written	EWN-WE-Locate Pipeline (14.1) - 2688	3/7/2015	3/7/2018	Qualified
1301 - Install and Maintain Pipeline Markers				Verified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect and Maintain Marker (014.3) - 2550	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Inspect and Maintain Aerial Marker (14.4) - 2551	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	3/6/2015	3/6/2018	Qualified
1321 - Damage Prevention During Excavation Activities by or on Behalf of The Operator				Verified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Monitor Excavation Activities (1331, 1341) - 2570	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Excavation Part 1 (1341) - 2248	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Excavation Part 2 (1341) - 2249	3/21/2015	3/21/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-AOC Pipeline Damage (L) - 2753	3/20/2015	3/20/2018	Qualified
1331 - Damage Prevention Inspection During Third Party Excavation or Encroachment Activities				Verified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Investigate Leaks, Damages, & Reported Problems - 2275	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Marking and Damage Prevention - 2291	3/7/2015	3/7/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-AOC Pipeline Damage (L) - 2753	3/20/2015	3/20/2018	Qualified
1361 - Station Emergency Shutdown System Inspection, Testing and Corrective Maintenance				Verified
Qualification Type	Evaluations	Evaluation Date	Expiration Date	EV

ENERGY worldnet, Inc. - Performance	EWN-PE-Tapping a Pipeline 2 Inches and Under (40.7, 1081) - 8738	3/10/2015	3/10/2018	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	3/6/2015	3/6/2018	EV
ENERGY worldnet, Inc. - Written	EWN-WE-AOC Pipeline Damage (L) - 2753	3/20/2015	3/20/2018	

