

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

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| Operator: TAMMS MUNICIPAL GAS SYSTEM, VILLAGE OF | Operator ID#: 19070 |
| Inspection Date(s): 2/6/2014, 2/7/2014 (Half) | Man Days: 1.5 |
| Inspection Unit: TAMMS MUNICIPAL GAS SYSTEM, VILLAGE OF | |
| Location of Audit: Tamms | |
| Exit Meeting Contact: Sam Davis | |
| Inspection Type: Standard Inspection - Field Audit | |
| Pipeline Safety Representative(s): Valerie Schwing | |
| Company Representative to Receive Report: Sam Davis | |
| Company Representative's Email Address: tamms1092@yahoo.com | |

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| Headquarters Address Information: | City Hall Front & Russell Street Tamms, IL 62988 Emergency Phone#: Fax#: | |
| Official or Mayor's Name: | Warren Mitchell Phone#: (618) 747-2353 Email: | |
| Inspection Contact(s) | Title | Phone No. |
| Sam Davis | Gas Superintendent | |

| CUSTOMER METER & REGULATOR | | Status |
|--|--|---------------------|
| <u>Category Comment:</u> | | |
| <i>Staff examined the following meter sets; Huffmans Gas Station, 590 West St., 650 West St., 710 Front St., 750 Front St., 800 Second St., 195 Railroad St., 185 Railroad St.</i> | | |
| [192.353(a)] | Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated? | Satisfactory |
| [192.355(b)(1)] | Is the customer regulator vent rain and insect resistant? | Satisfactory |
| [192.355(b)(2)] | Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings? | Satisfactory |
| [192.355(b)(3)] | Is the vent protected from damage caused by submergence in areas of flooding? | Satisfactory |

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| [192.357(a)] | Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping? | Satisfactory |
| [192.357(d)] | Is a customer regulator that might release gas vented to the outside atmosphere? | Satisfactory |
| [192.359(a)] | Is the meter operating pressure within the allowable limits of the meter case rating? | Satisfactory |
| [192.365(a)] | Is the service line valve upstream of the regulator or meter? | Satisfactory |
| [192.365(c)] | Is the underground service line valve located in a curb box or standpipe that allows for ready operation? | Satisfactory |
| [192.727(d)][192.727(d)] | When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage? | Satisfactory |
| CATHODIC PROTECTION | | Status |
| Category Comment: | | |
| <i>Staff could not inspect Tamms's cathodic protection due to a layer of ice on the ground.</i> | | |
| [192.463(a)] | Is the applicable cathodic protection criteria contained in Appendix D of this part being followed? | Not Checked |
| [192.465(a)] | Were pipe to soil readings taken? | Not Checked |
| [192.465(b)] | Were rectifier installations inspected? | Not Checked |
| [192.465(a)] | Were isolated mains/services tested? | Not Checked |
| [192.465(c)] | Were critical/non critical bonds tested? | Not Checked |
| [192.467(a)] | Is electrical isolation provided by use of insulated meter spud, valve, union, or flange? | Not Checked |
| [192.467(c)] | Were casings installations tested for electrical isolation? | Not Checked |
| [192.479(a)] | Is the above ground piping coated or painted as required? | Not Checked |
| [192.479(c)] | Is the pipeline free of corrosion or pitting? | Not Checked |
| DAMAGE PREVENTION | | Status |
| Category Comment: | | |
| <i>Staff examined all of Tamms's eight regulator stations.</i> | | |
| [192.614] | Does the operator have a valid notification of planned excavation activities? | Satisfactory |
| General Comment: | | |
| <i>Staff examined a dig ticket that was scheduled to start on 1/7/14. The locate was performed on 1/3/14.</i> | | |
| [265.40(a)] | Did the operator complete the locating activities in the specified timeframe? | Satisfactory |
| General Comment: | | |

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| <i>Staff examined a dig ticket that was scheduled to start on 1/7/14. The locate was performed on 1/3/14.</i> | | |
| [192.614(c)(5)] | Were temporary markings made in accordance with the operator's Operation and Maintenance Manual? | Not Checked |
| <u>General Comment:</u> | | |
| <i>Staff could not see temporary markings due to recent snow and ice.</i> | | |
| [192.707(a)(1)] | Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad? | Satisfactory |
| [192.707(a)(2)] | Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference? | Satisfactory |
| [192.707(c)] | Are line markers placed and maintained as close as practical over each main and transmission line located above ground? | Satisfactory |
| [192.707(d)(1)] | Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke? | Satisfactory |
| [192.707(d)(2)] | Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times? | Unsatisfactory |
| <u>NOPV Comment:</u> | | |
| <i>The operator's name is not labeled on the pipeline markers.</i> | | |
| PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL) | | Status |
| [192.739(a)(4)] | Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.? | Satisfactory |
| <u>General Comment:</u> | | |
| <i>Staff reviewed the operator's inspection records for all eight of Tamms's regulator stations.</i> | | |
| [192.317(b)] | Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes? | Satisfactory |
| <u>General Comment:</u> | | |
| <i>All of Tamms's regulator stations are protected from accidental damage.</i> | | |

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| [192.741(a),192.741(c)] | Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications? | Not Applicable |
| General Comment: | | |
| <i>The operator's system does not contain telemetering and/or recording gauges.</i> | | |
| [192.743(a)] | Is overpressure protection provided on the pipeline down stream of the take point? | Satisfactory |
| [192.199(d)] | Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material? | Satisfactory |
| General Comment: | | |
| <i>The pressure relief or pressure limiting devices were made of noncombustible materials.</i> | | |
| [192.199(e)] | Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard? | Satisfactory |
| General Comment: | | |
| <i>The operator made an extra attempt to protect the West St. regulator from ice buildup by placing a tarp around the bottom of the barrier that protects the station from accidental damage.</i> | | |
| [192.199(h)] | Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative? | Satisfactory |
| VALVE MAINTENANCE | | Status |
| Category Comment: | | |
| <i>Staff inspected the following valve numbers 13, 20, 14, 18, and 17.</i> | | |
| [192.747(a)] | Were the valves inspected accessible? | Satisfactory |
| ODORIZATION OF GAS | | Status |
| [192.625(a)] | Was the odor intensity level readily detectable at or below 1/5th LEL? | Satisfactory |
| General Comment: | | |
| <i>Staff observed an actual gas reading detectable at 1.05 %.</i> | | |
| [192.625(e)] | Was the Odorization equipment and tank levels inspected? | Satisfactory |
| General Comment: | | |
| <i>Staff reviewed tank filling and examination documentation for 12/31/13.</i> | | |
| [192.625(f)] | Was the operator's equipment calibrated as required? | Satisfactory |
| General Comment: | | |
| <i>The operator's equipment was calibrated in 2013.</i> | | |
| TRANSMISSION | | Status |

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| <u>Category Comment:</u> | | |
| <i>The operator's system does not contain transmission pipelines.</i> | | |
| [192.179(b)(1)] | Are transmission valves protected from tampering or damage? | Not Applicable |
| [192.745(a)] | Were the valves inspected accessible? | Not Applicable |
| [192.719(a)] | Is pre-tested transmission pipe inventory maintained for use in an emergency? | Not Applicable |
| MARKING OF MATERIAL | | Status |
| <u>Category Comment:</u> | | |
| <i>Staff examined the operator's PE 2406 ASTM 2513 pipe and components</i> | | |
| [192.63(a)] | Does the operator's components and pipe contain the required markings? | Satisfactory |
| OPERATOR QUALIFICATION | | Status |
| Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed? | | No |

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