



Inspection Statistics 2023 Year in Review



2023 Review of Inspections

- Inspections performed in 2023
 - 87 Finalized Inspections with 37 Different Operators
(excludes Gas Gathering Type B Inspections)



2023 Review of Inspections



Type	No. of Operators	OQ-Office	Public Awareness Plan	Standard Records - OQ Field	O&M	Liquid Integrity Mgmt. Plan	Control Room Mgmt.	DIMP or DIMP-I	Drug and Alcohol	TOTAL
Gas Transmission and Gas Gathering Type A	18	7	6	15	3	0	0	0	3	34
Gas Distribution	13	1	2	29	3	0	2	3	2	42
Hazardous Liquid	6	2	1	4	2	1	0	0	1	11
TOTAL	37	10	9	49	8	1	2	2	6	87

2023 Review of Inspections



- Definitions

- Unsatisfactory - when it does not appear to meet code requirements, or the operator has failed to meet the minimum code requirements.
- Concern – when the operator meets requirements, but is an area of recommendation or concern that if not addressed may lead to a non-compliance, or improvements could be made. For a records review, concern could be used to document forms with mistakes or missing information.
- Sat Plus -



2023 Review of Inspections



- 36 Unsatisfactory Results from all Inspections
 - 5 Unsatisfactory Results from the Gas Distribution Inspections
 - 29 Unsatisfactory Results from the Gas Transmission Inspections (including GG Type A)
 - 2 Unsatisfactory Results from the Hazardous Liquid Inspections
 - 0 Unsatisfactory Results from the Drug and Alcohol Inspections
- 154 Concerns from all Inspections
 - 76 Concerns from the Gas Distribution Inspections
 - 54 Concerns from the Gas Transmission Inspections (including GG Type A)
 - 24 Concerns from the Hazardous Liquid Inspections
 - 0 Concerns from the Drug and Alcohol Inspections



2023 Review of Inspections Example of Report Classification



Unsatisfactory - Category	Unsatisfactory - Sub Category	Unsatisfactory - Question
Time-Dependent Threats	External Corrosion - CP Monitoring	Cathodic Protection Monitoring Do records adequately document cathodic protection monitoring tests have occurred as required?
Records	Operations And Maintenance	Valve Maintenance Distribution Lines Do records indicate proper inspection of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?

2023 Review of Inspections



- Gas Distribution - 42 Inspections
 - 5 - Unsatisfactory findings (4 Operators)
 - 5 - Records
 - 4 - Operations and Maintenance
 - Valve Maintenance, Reviewing personnel performance after an emergency (Both from Standard inspections.)
 - Liaison with Public Officials, Evaluating Program Effectiveness (Both from Public Awareness Program inspections)
 - 1 - Reporting
 - Annual Report was not submitted properly or within the prescribed time (from Std.)



2023 Review of Inspections



- Gas Distribution - 42 Inspections
 - 76 Concerns (9 Operators)
 - 48 - Records (5 Operators)
 - 26 - Operations and Maintenance (4 Operators) All 26 Records
 - 5 - Maximum Allowable Operating Pressure Determination
 - 3 - Flanges and Flange Accessories
 - 3 - Maintenance of Equipment Used in Joining Plastic Pipe
 - 20 - Corrosion Control (7 Operators) 12 Records, 8 Procedures
 - 3 Atmospheric Corrosion Control
 - 2 Unprotected pipe
 - 2 Corrosion Control Personnel Records
 - 7 - Pressure Test (4 Operators) All Records
 - 2 Do Pressure Tests indicate testing done in accordance with 192.513

2023 Review of Inspections



- Gas Distribution - 42 Inspections
 - 76 Concerns (9 Operators) – Continued
 - 22 - Procedures (2 Operators)
 - 8 - Corrosion Control (2 Operators)
 - Does the process give adequate guidance for the application and inspection of protective coatings on pipe?
 - Does the process require corrosion control procedures to be carried out by, or under the direction of, qualified personnel?
 - 3 - Emergency (2 Operators)
 - Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency
 - 6 Topical Content (1 Operator) – All Procedures
 - 6 Control Room Management
 - 3 related to fatigue

2023 Review of Inspections



- Gas Transmission and Gas Gathering Type A - 34 Inspections
 - 29 Unsatisfactory (6 Different Categories, Top 3 listed below) – 5 Operators
 - 10 Design and Construction (All Procedure) – 1 Operator
 - 8 Plastic Pipe Construction
 - Various infractions all pertaining to procedures
 - 9 Public Awareness (7 Records, 2 Procedure) – 1 Operator
 - Various infractions
 - 4 Training and Qualifications (3 Procedure, 1 Record) – 2 Operators
 - 2 related to OQ (1 Procedure, 1 Record)
 - 2 related to Emergency Response



2023 Review of Inspections



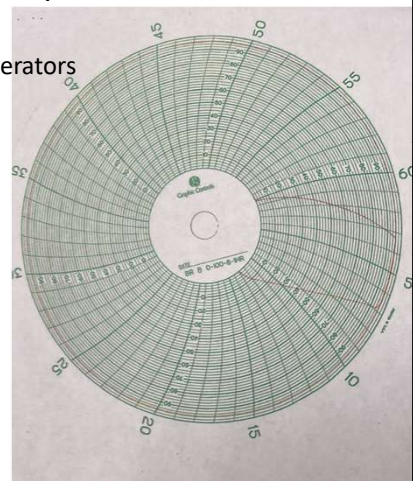
- Gas Transmission and Gas Gathering Type A - 34 Inspections
 - 54 Concerns (8 Categories, Top 4 listed below) – 10 Operators
 - 16 Public Awareness and Damage Prevention (14 Procedure, 2 Record) – 2 Operators
 - 2 -Asset Identification
 - 2- Audience Identification
 - 2 - Evaluation Plan
 - 10 Training and Qualification (5 Procedures, 5 Records) – 4 Operators
 - 7 were OQ related
 - 2- non-qualified individuals to perform covered tasks
 - 2 - Qualification of personnel
 - 1 was Training of Personnel



2023 Review of Inspections



- Gas Transmission and Gas Gathering Type A - 34 Inspections
 - 54 Concerns - Continued
 - 9 Time Dependent Threats (5 Records, 4 Procedures) - 3 Operators
 - 8 for External Corrosion and 1 for Internal corrosion
 - Cathodic Protection Monitoring records
 - New Buried Pipe Coating Installation Procedure
 - 7 Maintenance and Operations (5 Operators)
 - 4 Records, 3 Procedures, All seven different
 - Pressure Limiting and Regulating Stations Capacity of Relief Devices records



2023 Review of Inspections



- Hazardous Liquid - 11 Inspections
 - 2 Unsatisfactory (One Operator)
 - Time Dependent Threats
 - One Atmospheric Corrosion the other External Corrosion (both records)
 - Atmospheric Corrosion Monitoring - Do records document inspection of aboveground pipe for atmospheric corrosion?
 - Correction of Corrosion Control Deficiencies - Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?



2023 Review of Inspections



- Hazardous Liquid - 11 Inspections
 - 24 Concerns (6 Operators)
 - 8 - Training and Qualifications (6 Procedures, 2 Records) - 3 Operators
 - 6 - OQ
 - 2 – Contractor Qualification records maintained
 - Remaining 4 Procedures – all different
 - 2 - Qualification of Personnel
 - 1 - Supervisors required to maintain a thorough knowledge of corrosion control procedures
 - 7 - Time Dependent Threats (6 Procedure, 1 Record) - 3 Companies
 - 6 External Corrosion
 - 2 - Rectifiers or other Impressed Current Sources records
 - 1 - Qualification of Personnel (procedure) - Qualification of Welders to API 1104 or the ASME Boiler & Pressure Vessel Code
 - 3 - Integrity Management (2 records, 1 procedure) – 1 Operator



2023 Review of Inspections

WV 2023 Unsat. - All

Unsatisfactory - Sub Category
9 Public Awareness
8 Plastic Pipe Construction
4 Operations And Maintenance
2 External Corrosion - CP Monitoring
2 Operator Qualification
2 Atmospheric Corrosion
2 Training of Personnel
1 Reporting
1 Gas Pipeline Overpressure Protection
1 External Corrosion - Cathodic Protection
1 Repair Methods and Practices
1 Construction
1 Materials
1 Gas Pipeline Maintenance
0 Public Awareness Program Effectiveness
0 Maintenance and Operations

PHMSA

4 Top 15 Code Cited for UNSAT 2012-Present sorted by count

Cited Code	Count	
192.605(a)	110	Procedures
192.353(a)	91	Meters and Regulators - Location
192.616(c)	80	Public Awareness
192.481(b)	75	Monitoring Atmospheric Corrosion Control
192.147(a)	68	Flanges and Flange Accessories
192.355(b)(2)	54	Meters and Regulators - Protection
192.491(c)	47	Corrosion Control Records
192.615(b)(2)	46	Emergency Plans
192.357(a)	40	Meters and Regulators - Installation
192.455(a)	40	External Corrosion Control
192.479(a)	40	Atmospheric Corrosion
192.605(b)(8)	39	Procedures
192.747(a)	36	Valve
192.481(a)	35	Atmospheric Corrosion
192.1007(b)	30	Integrity Management Rank Risk Threats