



Issuing Department: GAS SYSTEM TECHNICAL SUPPORT

Effective Date: 12/1/96

Gas Supply Officer: V.P. - Gas Services & Operations

Review Date: 12/1/98

SUBJECT:

GAS SUPPLY GAS FACILITIES REQUIREMENTS

OBJECTIVE

To establish the overall requirements and responsibilities related to the operation and maintenance of gas control facilities owned by Gas Supply.

SCOPE

This Gas Supply Standard covers the requirements and responsibilities for inspections, operation, maintenance, and documentation of gas facilities.

RESCISSION

This Standard along with GS Standard 4431 replaces SP 464-1, "Major Control Facilities; Inspections, Operations and Maintenance".

ORIGINATOR

GS Standard Technical Committee 21 on Station Equipment

BUSINESS RISKS

Inappropriate inspections, operation, and maintenance of any Gas Supply gas facility will jeopardize the safe and efficient operation of that pipeline facility. Non-compliance with applicable Federal and State regulations may subject PG&E to fines and negative publicity.

DEFINITIONS

Facilities Owned By Gas Supply: Facilities that have a maximum operating pressure greater than 60 psig and most facilities that supply other gas utilities, regardless of delivery pressure. All stations that regulate to 60 psig or less are owned by CES. Based on present Memorandum Of Understandings (MOU) between CES and GS, there are certain facilities which supply other gas utilities that are owned by CES.

Major Gas Facilities: Facilities that modulate gas pressure and flow, or process the gas, within the Transmission System and have any or all of the characteristics listed below. The facilities may be unmanned, manned part or full-time, or remotely operated. Facilities shall include:

- System control points, such as Terminals and Gas Load Centers.
- Compressor stations.
- Pipeline pressure limiting stations.
- Gas processing facilities.



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- Line rupture control valves (LRCVs).
- Gas metering and regulating facilities serving PG&E electric generating plants.
- Underground gas storage field facilities.
- Other facilities handling large volumes of gas which generally have one or more of the following characteristics: 10-inch or larger control valves, controller-operated equipment, or orifice/ultrasonic metering.

REQUIREMENTS

All control facilities shall be inspected, operated, and maintained in accordance with the requirements of GO 112 (latest version) and the documents referenced in this GS Standard. The equipment to be inspected and maintained shall include, but not be limited to: regulators, monitor regulators, relief valves, block valves, emergency valves, SCADA, dehydrators, compressors, and filters.

All major gas facilities shall have Operation & Maintenance Instructions, in compliance with GS Standard S-4431, prior to being placed in operation.

For stations not considered major gas facilities, inspections, operation, and maintenance shall comply with CES Standard C-T&CS-S0351, "District Regulator Station Maintenance", Gas Standard H-14, "Typical District Regulator Sets", and other documents referenced in this GS Standard.

The record of completed maintenance of station equipment shall be recorded per the requirements of CES Standard C-T&CS-S0351, "District Regulator Station Maintenance", or the station's O&MI.

RESPONSIBILITY

The Manager of the Gas System Maintenance Department shall distribute the necessary information on the inspections, operation, and maintenance of all facilities owned by Gas Supply.

The Northern and Southern Area GSM Superintendents are responsible for performing the inspections, operation, and maintenance of the facilities owned by Gas Supply located within their assigned geographic area.

The Northern and Southern Area GSM Superintendents may, with agreement of CES, through MOUs, delegate the inspections, maintenance and operations of some facilities to CES.

REFERENCES

CES Standard C-T&CS-S0351, "District Regulator Station Maintenance"

Gas Standards & Specifications F-11, "Valve Lubrication and Maintenance Requirements"



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Gas Standards & Specifications H-14, "Typical District Regulator Sets"

GS Standard S-4411, "Inspection of Underground Gas Holders"

GS Standard S-4431, "Operation & Maintenance Instruction Requirements"

Accident Prevention Rules Book

History File Requirements (HFR) Manual

General Order 112-E, "Rules Governing Design, Construction, Testing, Maintenance and Operation of Utility Gas Gathering, Transmission and Distribution Piping"

ENSURING COMPLIANCE WITH STANDARD

The Manager of Gas System Maintenance shall ensure compliance with this Standard.

CONTACT FOR FURTHER INFORMATION

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APPROVALS AND AUTHORIZATIONS

██████████
Manager - Gas System Technical Support

██████████
Manager - Gas System Maintenance

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