

Objective	To establish the overall requirements and responsibilities related to the inspections, operation, and maintenance of gas facilities owned by California Gas Transmission.
Scope	This Standard covers the requirements and responsibilities for inspections, operation, maintenance, and documentation of gas facilities.
Applies To	GSM&TS maintenance & operations employees.
Rescission	This document supersedes the GS Standard S4430, Revision 1, dated June 7, 1997.
Related Standard	CGT Standard 4431, "Operation & Maintenance Instruction Requirements" CGT Standard 4432, "Station Inspection, Testing, and Maintenance Procedures"
Originator	Technical Committee 21, Station Equipment
Business Risk	Improper inspection, operation, and maintenance of any CGT gas facility could jeopardize the safe and efficient operation of that facility or result in non-compliance with Federal or State regulations. Non-compliance with applicable Federal and State regulations may subject PG&E to fines and negative publicity.
Responsibility for Implementation	GSM&TS Area Superintendents
Contact for Further Information	██████████ Senior Gas Engineer System Integrity Gas System Maintenance & Technical Support Outside ██████████ Co. ██████████

Subject: CGT GAS FACILITIES REQUIREMENTS

Effective Date: 01 Oct 1999
Review Date: 01 Oct 2001

References

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

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

Deviations

Approval to deviate from the requirements of this standard must be obtained in writing from the Director, Station Engineering, or Director, System Integrity, GSM&TS.

Approvals and Authorizations

[Redacted Signature]

10/14/99

[Redacted Signature]

Date

Manager, Gas System Maintenance and Technical Support

Definitions

Facilities Owned By CGT: 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 and the regulation and metering facilities directly feeding DCS customers, regardless of delivery pressure, are owned by DCS. Based on present Memorandums Of Understanding (MOUs) between DCS and GSM&TS, there are certain facilities which supply other gas utilities that are owned by DCS.

Major Gas Facilities: Facilities that modulate gas pressure and flow, or process the gas, within the gas transmission system. These 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.
- Line rupture control valves (LRCVs).
- Gas metering and regulating facilities serving electric generating plants.
- Underground gas storage field facilities.
- Other facilities handling large volumes of gas and containing one or more of the following equipment: controller-operated equipment, 10-inch or larger control valves, or ultrasonic metering.

Requirements

All gas facilities shall be inspected, operated, and maintained in accordance with the requirements of CPUC General Order 112 (latest version), Operation & Maintenance Instructions (O&MI), and/or any applicable Corporate or CGT Standards. 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, separators, compressors, and filters.

All major gas facilities shall have O&MIs, in compliance with CGT Standard 4431, prior to being placed in operation.

Responsibility

The record of completed maintenance of station equipment shall be recorded and kept in accordance with CGT Standard 4432, "Station Inspection, Testing, and Maintenance Procedures."

The Director of System Integrity shall be responsible for the preparation and distribution of the necessary standards and policies on the inspections, operation, and maintenance of all facilities owned by CGT. For stations requiring Operation & Maintenance Instructions (O&MI), refer to CGT Standard 4431 for O&MI requirements and responsibilities.

The GSM&TS District Superintendents are responsible for performing the inspections, operation, and maintenance of the facilities owned by CGT located within their assigned geographic area.

The GSM&TS District Superintendents may through MOUs, negotiated with DCS, delegate the inspections, maintenance, and operations of some facilities to DCS.