ObjectiveThis standard specifies responsibilities and requirements for the annual

inspection and verification of capacity for gas pressure relief devices.

The requirements of this standard apply to all gas pressure relief devices covered under the requirements of DOT 49 CFR Part 192 installed at stations including, but not limited to, compressor stations, pressure

limiting stations and regulating stations.

Rescission Instructions, "Relief Valve Calculations – Record Maintenance and

Responsibility", dated 8/95.

Related Policy None

Scope

Originator Technical Committee 21, Station Equipment.

Business Risk Failure to perform inspections of gas pressure relief devices and to

properly document them will jeopardize the safe operation of pipeline facilities. Non-compliance with applicable Federal regulations may

subject PG&E to fines.

Responsibility for Implementation CGT Gas System Maintenance Manager, DCS OM&C Managers or their designated representatives are responsible for ensuring compliance with

this standard.

Contact for Further Information GSTS/System Standards Management,

References 49 CFR 192, Paragraphs 192.731, 192.739 & 192.743

Gas Standard and Specification (GS&S) H-70, "Pressure Relief Devices"

File Reference: 01/23/23/98 2:19 PM Page 1 of 3

Material Redacted GTR0118391

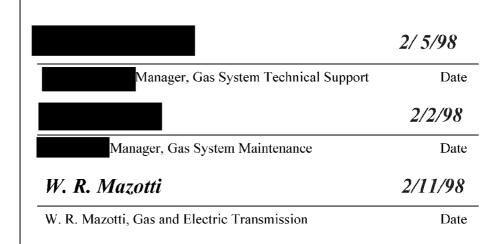
Standard

Subject: Gas Pressure Relief Devices - Responsibility for

Annual Inspection and Capacity Verification

Number: S 4433 Effective Date: Mar 1, 1998 Revision: 1 Review Date: Mar 1, 2000

Approvals and Authorizations



File Reference: 01/23/23/98 2:19 PM Page 2 of 3

Material Redacted GTR0118392

Standard

Subject: Gas Pressure Relief Devices - Responsibility for

Annual Inspection and Capacity Verification

Number: S 4433 Effective Date: Mar 1, 1998 Revision: 1 Review Date: Mar 1, 2000

Annual Inspection and Test

- 1. CGT District Foremen and DCS Operating Supervisors who maintain CGT-owned facilities shall ensure that all gas pressure relieving devices in their area of responsibility are annually inspected and tested. Where full flow testing of the relief device is not feasible, an annual review of the relief device's operating parameters shall be conducted. The inspection and test, or review, shall be performed and documented in accordance with the requirements of GS&S H-70.
- 2. If the operating parameters have changed, the Foreman or Operating Supervisor shall notify the appropriate Pipeline or Facility Engineer that a capacity calculation is needed to verify that the relief device still has sufficient capacity. See requirements for "Capacity Calculations" below.
- 3. Any relief device found to be defective shall be replaced. If the relief device is found to have insufficient capacity:
 - a. It shall be replaced or
 - b. An additional device shall be installed.

Data about the pressure relief devices installed, such as manufacturer, model, inlet, and outlet size, orifice size, and set pressure shall be verified at the time of inspection.

Capacity Calculations

CGT Pipeline, Facility Engineers, and the appropriate DCS Engineer shall prepare capacity calculations for any new installations and whenever notified by the Foreman or Operating Supervisor that operating parameters have changed.

All original calculations shall be forwarded to the appropriate District Foreman or Operating Supervisor for retention at the local office. A copy for the central station file shall be sent to the Records Section in Walnut Creek.

Notification to Field of Changes

CGT Pipeline and Facility Engineers shall ensure that:

- 1. All projects in assigned facilities, including those assigned to a project manager, are checked for affects on existing relief devices
- 2. The Foreman or Operating Supervisor is notified in writing of any required changes.

File Reference: 01/23/23/98 2:19 PM Page 3 of 3

Material Redacted GTR0118393