

Objective	This standard specifies responsibilities and requirements for the annual inspection and verification of capacity for gas pressure relief devices.
Scope	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
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	CGI Gas System Maintenance Manager, DCS OM&C Managers or their designated representatives are responsible for ensuring compliance with this standard.
Contact for Further Information	GS&S/System Standards Management [REDACTED]
References	49 CFR 192, Paragraphs 192.731, 192.739 & 192.743 Gas Standard and Specification (GS&S) 11-70, "Pressure Relief Devices"





Standard

Subject: Gas Pressure Relief Devices - Responsibility for Annual Inspection and Capacity Verification

Number: S 4433
Revision: 1

Effective Date: Mar 1, 1998
Review Date: Mar 1, 2000

Approvals and Authorizations

	<i>2/5/98</i>
 . Manager, Gas System Technical Support	Date
	<i>2/2/98</i>
 Manager, Gas System Maintenance	Date
<i>W. R. Mazotti</i>	<i>2/11/98</i>
W. R. Mazotti, Gas and Electric Transmission	Date



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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.