

**PACIFIC GAS AND ELECTRIC COMPANY**  
**CUSTOMER ENERGY SERVICES (CES)/GAS SUPPLY (GS)**

**CES/GS STANDARD**

CES STANDARD: C-T&CS-S0350  
GS STANDARD: S4110  
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EFFECTIVE DATE: 7-94  
REVIEW DATE: 7-99

ISSUING DEPARTMENT: T&CS, DISTRIBUTION

CES OFFICER: V.P. T&CS

GS OFFICER: V.P. GS&O

**TITLE:** Periodic Leak Surveys of Gas Transmission and Distribution Facilities

**Purpose:**

To establish a uniform requirement for the performance of gas leak surveys of Company pipelines, buried station piping, mains and services for the purpose of detecting and reporting leakage; and thereby establish a system of records.

**Policy:**

Leak surveys shall be conducted at regular intervals throughout the gas transmission and distribution systems. It is the Company's policy to search for, evaluate and control gas leakage in the interests of safety and efficiency of operation.

**Responsibility:**

The responsibility for performance of gas leak surveys and records for the transmission and distribution facilities, shall rest with the operating department supervisor who directs the maintenance and operation of the facilities.

Effective Date: **July 1, 1994**

Review Date: **July 1, 1999**

**Approved by:**

Signed,

Signed,

J.H. Pope  
Vice President, T&CS

W.R. Mazotti  
Vice President, GS&O

**Distribution:**

CES Vice Presidents  
Gas Services and Operations Managers  
Gas Services and Operations Superintendents  
Technical and Construction Services Managers  
Division Managers  
Division Capital Investment Directors  
Division Construction, Maintenance and Operations Directors  
Technical & Ecological Services Manager

CES/GS Standard

June 21, 1994

**TITLE:** Periodic Leak Surveys of Gas Transmission and Distribution Facilities.

**Reference Documents:**

S.P. 460.2-1, "Patrolling Pipelines and Mains"

S.P. 460.2-2, "Physical Inspection: Pipelines, Mains and Services"

S.P. 460.21-2, "Clock Testing and Soap Testing for Leaks"

S.P. 460.21-3, "Investigating Gas Leaks on Customer's Premises"

S.P. 460.21-5, "Work Procedures for Gas Department Employees in Confined Spaces"

S.P. 460.21-8, "Fumigation"

S.P. 463.8, "Maximum Operating Pressures of Pipelines & Mains operating At Or Over 20% SMYS"

S.P. 851-2, "Use of Multipurpose Customer Service Orders and Printer Generated Multipurpose Customer Service and Scheduled Meter Change Orders"

GS&S A34.2, "Uprating Procedures - Low to High Pressure"

GS&S M-53, "Portable Combustible Gas Indicators Specification"

GS&S M-53.1, "Portable Combustible Gas Indicators Operation and Maintenance Specifications"

GS&S M-53.2, "Portable Hydrogen Flame Ionization Gas Detector"

C.P.U.C. General Order 112-D.

**Supplement:**

The procedural details of the gas leak survey program appear in the Supplement to this Standard.

**For Further Information:**

For additional information or copies of this Standard please contact the Distribution Department.