

PG&E

FOR INTRA - COMPANY USES

From Division or Department **GAS DISTRIBUTION**

FILE NO. **453**

RE LETTER OF

SUBJECT **Revised S.P. 453-1, Inspection of
Gas Holders and Liquefied Hydrocarbon Vessels**

To Division or Department

September 1, 1982

DIVISION MANAGERS:

The subject Standard Practice has been revised to reflect changes in inspection form numbers. The procedural details remain the same. All of the listed forms are available from Gas Operations' clerical office; please contact [REDACTED]

Should questions arise concerning any of the provisions of this Standard Practice, please call [REDACTED]

J. B. Stoutamore
J. B. STOUTAMORE

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Enclosure

cc: [REDACTED]
HMMcKinley
[REDACTED] (enclosure)
Division Gas Supts. (enclosure)
District Managers (enclosure)
District Gas Supts. (enclosure)

PACIFIC GAS AND ELECTRIC COMPANY
STANDARD PRACTICE

STANDARD PRACTICE NO. 453-1

CUTIVE OFFICE OR DIVISION GAS OPERATIONS

PAGE NO. 1 EFFECTIVE 9/1/82

ISSUING DEPARTMENT GAS DISTRIBUTION

REPLACING 1 EFFECTIVE 6/23/82
 PAGE NO.

SUBJECT:

GAS HOLDERS AND LIQUEFIED HYDROCARBON VESSELS, INSPECTION OF

PURPOSE AND POLICY

1. In order to provide for uniform and scheduled information on the physical condition of low-pressure gas holders, high-pressure aboveground or underground holders, and liquefied hydrocarbon vessels, inspection and maintenance shall be performed and recorded at specified intervals.

REFERENCES

2. The current California Public Utilities Commission General Orders 94 and 112, "Rules Governing the Design, Construction, Operation, Maintenance and inspection of Gas Holders and Liquid Hydrocarbon Vessels."

RESPONSIBILITY

3. Responsibility for the inspection of holders, the preparation of necessary records, and the routine, emergency and scheduled maintenance shall be shared by the Division Gas Superintendent and the Manager of Gas Distribution Department as follows:
 - a. Daily, weekly and monthly interval inspections and maintenance shall rest with the Division Gas Superintendents.
 - b. Annual and additional interval inspections shall be initiated by the Manager of the Gas Distribution Department and necessary maintenance required as a result of these inspections shall be performed by the Divisions, as directed by the Gas Distribution Department.
4. Performance of the Gas Distribution Department associated with all holder inspection and maintenance shall include: Issuance of special instructions, training, reviewing and maintaining annual and additional Inspection Records, initiating action to correct conditions requiring immediate or scheduled attention, make recommendations and review maintenance and operating budgets.

SUPPLEMENT

5. Procedural details for gas holder and liquefied hydrocarbon vessel inspections appear in the supplement to this Standard Practice.

ISSUED BY: J. B. Stoutamore
 B. STOUTAMORE
 Manager, Gas Distribution

APPROVED BY: Howard M. McKinley
 HOWARD M. MCKINLEY
 Vice President -
 Gas Operations

DISTRIBUTION: Division Manager
 Division Gas Superintendent
 District Manager
 District Gas Superintendent

Organization, Planning and
 Development

*Additional copies of this Standard Practice may be obtained from Gas Operations, 77 Beale Street, San Francisco (PGandE Extension 22-1604).

• Paragraph Revised
 •• Paragraph Added

(SEE OVER)

PROCEDURAL DETAILS

GENERAL

- *6. Inspections of gas storage facilities are to be made in accordance with provisions of General Orders 94 and 112 and procedures established by the Gas Distribution Department, Gas Operations.

DAILY INSPECTIONS

*7. Waterless Holders

- a. Inspection performed by Division personnel.
- b. Inspection results recorded on Form 75-385 and station log, and filed in Division.

WEEKLY INSPECTIONS

*8. Waterless and Waterseal Holders

- a. Inspection performed by Division personnel.
- b. Inspection results recorded on Form 75-385 for Waterless Holders and Form 75-367 for the Waterseal Holders.
- c. Inspection reports retained in Division files as permanent record.

MONTHLY INSPECTIONS

*9. Waterless, Waterseal, and High Pressure Holders, and Liquefied Hydrocarbon Vessels

- a. Inspection performed by Division personnel.
- b. Inspection results recorded on Form 75-385 for Waterless, Form 75-367 for Waterseal, Form 75-374 for High Pressure Holders, and Form 75-362 for Liquefied Hydrocarbon Vessels.
- c. Original Inspection Report retained in Division files and one copy forwarded to Gas Distribution Department.

ANNUAL INSPECTIONS

*10. Waterless, Waterseal, and High Pressure Holders, and Liquefied Hydrocarbon Vessels

- a. Inspections performed by Gas Distribution Department and Division personnel.
- b. Inspection results recorded on Form 75-356 for Waterless, Form 75-354 for Waterseal, Form 75-360 for High Pressure Holders, and Form 75-185 for Liquefied Hydrocarbon Vessels.
- c. Inspection reports filed in General Office Gas Distribution Department files.

ADDITIONAL INSPECTIONS

11. Waterless, Waterseal, and High Pressure Holders, and Liquefied Hydrocarbon Vessels
- a. Additional inspections are performed by Gas Distribution Department, independent inspector, and Division personnel.
 - b. Additional inspections are performed on high-pressure holders every 10 years; results are recorded on Form 75-361.
 - c. Additional inspections are performed on waterless holders every 20 years; results are recorded on reports entitled "Additional Gas Holder Inspection - Waterless Type" (9 pages) Form 75-357.
 - d. Additional inspections are performed on waterseal holders every 20 years; results are recorded on reports entitled "Additional Gas Holder Inspection - Waterseal Type" (18 pages) Form 75-358.
 - e. Additional inspections are performed on liquefied hydrocarbon vessels every 20 years; results are recorded on reports entitled "Additional Gas Holder Inspection - Hydrocarbon Vessel" (7 pages) Form 75-359.
 - f. Inspection results are recorded by the independent inspector. Copies of reports are forwarded to C.P.U.C. and Gas Distribution Department.

FORMS ** Form number changed only.

12. All required inspection report forms, as listed below, are available from General Office Gas Distribution Department upon request.

<u>Form Number</u>	<u>Title</u>
**75-367	Gas Holder Inspection - Waterseal Type (Weekly and Monthly)
**75-374	Gas Holder Inspection - High Pressure (Monthly)
**75-385	Gas Holder Inspection - Waterless Type (Daily, Weekly, Monthly)
**75-362	Gas Holder Inspection - Hydrocarbon Vessel (Monthly)
75-356	Annual Gas Holder Inspection - Waterless Type
**75-354	Annual Gas Holder Inspection - Waterseal Type
75-360	Annual Gas Holder Inspection - High Pressure Gas - External
75-185	Annual Gas Holder Inspection - Hydrocarbon Vessel - External
75-361	Additional Gas Holder Inspection - High Pressure Gas (10-year Inspection)
75-357	Additional Gas Holder Inspection - Waterless Type (20-year Inspection)
75-358	Additional Gas Holder Inspection - Waterseal Type (20-year Inspection)
75-359	Additional Gas Holder Inspection - Hydrocarbon Vessel (20-year Inspection)