64.7501 REV. 4.65

PACIFIC GAS AND ELECTRIC COMPANY

STANDARD PRACTICE

EXECUTIVE OFFICE OR DIVISION \_\_\_\_\_GAS OPERATIONS

PAGE NO. 1 EFFECTIVE 6-23-69

DIANDARD PRACTICE NO.

453-1

ISSUING DEPARTMENT

GAS DISTRIBUTION

REPLACING
PAGE NO. \_\_\_\_EFFECTIVE\_\_\_\_\_

SUBJECT:

GAS HOLDERS AND LIQUEFIED HYDROCARBON VESSELS, INSPECTION OF

#### PURPOSE AND POLICY:

l. 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. C.P.U.C. - G.O. 94-A and G.O. 112-B, Section 854, "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. <u>Daily</u>, <u>weekly</u> and <u>monthly</u> 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.

APPROVED: E. H. FISHER, Vice President - Gas Operations

DISTRIBUTION:

Division Managers

Director, Procedures Analysis

Division Gas Superintendents Division Administrative Analyst

District Managers

District Superintendents

Additional copies of this Standard Practice may be obtained from Gas Operations, 245 Market Street, San Francisco (PG&E extension 9-1604).

\* Paragraph Revised
\*\* Paragraph Added

(SEE OVER)

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## PROCEDURAL DETAILS

## **GENERAL**

6. Inspections of gas storage facilities are to be made in accordance with provisions of General Orders 94-A and 112-B, Section 854, and procedures established by the Gas Distribution Department, Gas Operations.

#### DAILY INSPECTIONS

# 7. Waterless Holders

a. Inspection performed by Division personnel.

 Inspection results recorded on Form 61-6232 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 61-6232 for Waterless Holders and Form 61-6230 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

Inspection performed by Division personnel.

b. Inspection results recorded on Form 61-6232 for Waterless, Form 61-6230 for Waterseal, Form 61-6231 for High Pressure Holders, and Form 61-6233 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 61-6184 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.

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# ADDITIONAL INSPECTIONS

- 11. <u>Waterless, Waterseal, and High Pressure Holders, and Liquefied Hydrocarbon Vessels</u>
  - 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 liquefield 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

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

Form Number	Title
61-6230	Gas Holder Inspection - Waterseal Type (Weekly and Monthly)
61-6231	Gas Holder Inspection - High Pressure (Monthly)
61-6232	Gas Holder Inspection - Waterless Type (Daily, Weekly, Monthly)
61-6233	Gas Holder Inspection - Hydrocarbon Vessel (Monthly)
75-356 (4/3/69)	Annual Gas Holder Inspection - Waterless Type
61-6184	Annual Gas Holder Inspection - Waterseal Type
75-360 (4/4/69)	Annual Gas Holder Inspection - High Pressure Gas - External
75-185	Annual Gas Holder Inspection - Hydrocarbon Vessel - External
75-361 (4/4/69)	Additional Gas Holder Inspection - High Pressure Gas (10 Year Inspection)
75-357 (4/3/69)	Additional Gas Holder Inspection - Waterless Type (20 Year Inspection)
75-358 (4/3/69)	Additional Gas Holder Inspection - Waterseal Type (20 Year Inspection)
75-359 (4/3/69)	Additional Gas Holder Inspection - Hydrocarbon Vessel (20 Year Inspection)

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