



<b>LAST REVIEW DATE:</b> <b>2/19/10</b>	<b>REVIEW CYCLE:</b> <b>5 Years</b>
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**SPECIFICATION:** **G-702-1**

**TITLE:** **INSPECTION, TESTING, AND  
MAINTENANCE OF COMPANY-OWNED  
AUTOMATIC TEMPERATURE CONTROL  
EQUIPMENT**

**VOLUME:** **3 and Gas Blue Book**

**REVISION:** (See ★)

- 1) Section 1.0 - Added "Rate 1."
- 2) Section 4.1 - Added procedure "CSP 4-2-2 Energy Services: Dual-Fuel Sales Service and Transportation Service."
- 3) Section 4.2 - Clarified method of customer interruption.
- 4) Section 4.4 - Clarified that the Metscans are owned by Con Edison.
- 5) Section 4.7 - Reworded for clarity.
- 6) Section 4.8 - Replaced Gas Transportation Services with Gas Supply – (Change of group name but same group).
- 7) Section 5.2 - Section completely rewritten to list detailed responsibilities of Gas Measurement, Gas Supply and Customer Operations. Deleted the requirement for Energy Efficiency to inform the customer to replace a failed Dig-Span unit. Added reference to GM-108.
- 8) Section 6.0 - Added Reference Specs: CSP 4-2-2 and GS-210.



G-702-1

# Gas Operations Standards

**TITLE: INSPECTION, TESTING, AND  
MAINTENANCE OF COMPANY-OWNED  
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★ 1.0 **SCOPE**

This specification describes equipment inspection, testing, and maintenance requirements for Interruptible Service under Service Classification (SC) No. 12, Rate 1 Temperature Controlled and Notification Service for which Con Edison is responsible.

2.0 **APPLICABLE USE**

All tariff requirements for SC No. 12, Priorities AB, C, D, and E shall be met. In addition, all other requirements outlined in this gas specification must be satisfied.

3.0 **LEGAL REQUIREMENTS**

None.

4.0 **GENERAL**

- ★ 4.1 Dual-fuel interruptible customers are gas customers who have the ability to switch to an alternative fuel or energy source. These customers must comply with the guidelines established in the Company's Schedule for Gas Service – PSC NO. 9 (Gas Tariff), the Gas Sales and Transportation Operating Procedures Manual (GTOP) and CSP 4-2-2 – Energy Services Dual-Fuel Sales Service and Transportation Service.
- ★ 4.2 Dual-fuel interruptible customers must switch to their alternative fuel or energy source during periods of interruption, either upon notification from Con Edison or based on the customer's priority of service (for those customers that have temperature-controlled automatic switching devices). Customers who fail to fully interrupt their use of gas upon notification or priority (except for permitted use of gas for ignition purposes) are subject to penalties for unauthorized gas use. In addition, customers who fail to fully interrupt upon notification or priority (except for permitted use of gas for ignition purposes) for two (2) consecutive interruption periods during the same heating season will be transferred to the applicable firm service classification unless the customer chooses to terminate service rates.
- 4.3 Dual-fuel interruptible customers have the option of choosing either notification or temperature control as the method of interruption.

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**4.0 GENERAL (Continued)**

- ★ 4.4 All dual-fuel interruptible customers have Con Edison-owned and maintained Metscan (or other approved) devices that the Company uses to remotely monitor customers' use of gas during service interruptions.
- 4.5 All dual-fuel interruptible temperature controlled customers have either a customer or Con Edison installed and maintained Digi-Span (or other approved) devices to enable automatic switching to their alternate fuel or energy source at the outdoor temperature prescribed by the Company. All new customers will install and maintain their own Digi-Spans or other approved temperature-control device.
- 4.6 For dual-fuel interruptible customers with Con Edison inspected and maintained temperature controlled equipment, Gas Measurement performs inspections of the equipment to insure that the equipment is in working condition, is calibrated correctly, and is set at the outdoor temperature prescribed by the Company.
- ★ 4.7 Customer Operations maintains a current list of all SC-12 temperature controlled customers billed through Customer Service System (CSS) which includes the account number, meter number, address, and service class. The current list will be provided to Gas Measurement prior to April 1st of each year for Gas Measurement to update its list of Company-owned Digi-Spans. Gas Measurement will, by September 30<sup>th</sup>, provide Customer Operations a list of all Company-owned Digi-Spans.
- ★ 4.8 Gas Supply will, by August 31<sup>st</sup>, notify Gas Measurement of the Digi-Span set-points for the upcoming winter.

**5.0 INSPECTION, TESTING, AND MAINTENANCE OF DIGI-SPAN AUTOMATIC  
TEMPERATURE CONTROL EQUIPMENT**

- 5.1 The Digi-Span is a microprocessor-based set point controller that provides the capability to measure and control heating or cooling devices based on a remote temperature sensor input (thermocouple.) The controller output relay is capable of activating or deactivating heating and cooling equipment based on the controller's set point and differential settings. Con Edison uses a

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**5.0 INSPECTION, TESTING, AND MAINTENANCE OF DIGI-SPAN AUTOMATIC  
TEMPERATURE CONTROL EQUIPMENT (Continued)**

secondary relay between the Digi-Span and the customers' equipment for electrical isolation.

★ 5.2 The responsibilities on the inspection, testing, maintenance, reporting and notifications shall be as follows:

A) Gas Measurement Responsibilities

- 1) Perform and complete annual inspections of Company-owned Digi-Span's prior to November 30th of each year.
- 2) Update list of Company-owned Digi-Spans based on list provided by Customer Operations of all current SC-12 temperature customers.
- 3) Inspect and test the Digi-Spans or approved equivalents required by this specification in accordance with G-698 and Gas Measurement Operating Procedure GM-108.
- 4) Functionally test the operation of the Digi-Span up to and including the switching of Digi-Span's output relays, but will not include the testing of any interface with the customer's boiler or associated equipment.
- 5) Repair or replace and make operational any Company-owned Digi-Span if equipment failed or is found to be inoperable.
- 6) While on customer premises to perform the Digi-Span inspection and testing, perform inspection of Metscan Device in accordance with Gas Measurement Operating Procedure GM-104.
- 7) Provide List of All Company-owned Digi-Spans with completed inspections dates and results by November 30<sup>th</sup> to Customer Operations, Energy Efficiency and Gas Supply.

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**5.0 INSPECTION, TESTING, AND MAINTENANCE OF DIGI-SPAN AUTOMATIC  
TEMPERATURE CONTROL EQUIPMENT (Continued)**

- 8) Remove Company-owned Digi-Span and Metscan equipment upon receipt of notification from Gas Supply of customers transferred to firm service in accordance with Gas Measurements Operating Procedure GM-108.
- 9) Remove Company-owned Digi-Span and Metscan equipment upon receipt of notification from Customer Operations when a customer closes the account in accordance with Gas Measurements Operating Procedure GM-108.
- 10) Remove Company-owned Digi-Span equipment upon receipt of notification from Gas Supply that a customer transferred from a Temperature-Controlled Customer to Notification Customer in accordance with Gas Measurements Operating Procedure GM-108.

**B) Gas Supply Responsibilities**

- 1) Provide Gas Measurement temperature set-points for Company-owned Digi-Span equipment for upcoming winter by August 31<sup>st</sup>.
- 2) Provide Gas Measurement a list of customers transferred to a firm service rate due to either violation of the 2-strike rule or voluntary request from customer for Company-owned Digi-Span and Metscan equipment removal.
- 2) Provide Gas Measurement a list of customers transferred from Temperature-Controlled Customer to Notification Customer for company-owned Digi-Span equipment removal.
- 3) Monitor customers who fail to comply during the interruption period, and provide data to Energy Efficiency Programs and Customer Operations.

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**5.0 INSPECTION, TESTING, AND MAINTENANCE OF DIGI-SPAN AUTOMATIC  
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**C) Customer Operations Responsibilities**

- 1) Receive from Gas Measurement a list of all company-owned Digi-Spans with completed inspections dates and results by November 30<sup>th</sup>.
- 2) Notify Gas Measurement when a customer closes the account to alert Gas Measurement to remove the company-owned Digi-Span and Metscan equipment.

**★ 6.0 REFERENCES**

CSP 4-2-2 – Energy Services: Dual Fuel Sales Service and Transportation Service

GS-210      Gas Supply Operating Document Guideline

G-698      Gas Measurement Operating Procedures

G-8094 –    “Gas Equipment for Dual-Fuel Interruptible Service Under  
Classification No. 12 Priorities AB, C, D and E”

Gas Measurement Operating Procedure GM-104

Gas Measurement Operating Procedure GM-108

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