

	LAST REVIEW DATE: 5/30/2024	REVIEW CYCLE:
	EFFECTIVE DATE: 7/26/2024	5 Years

SPECIFICATION: G-695-3

TITLE: SUPPORTING GAS SERVICE REGULATORS AND METERS

VOLUME: 3 and Yellow Book

COURSE ID: NONE

REQUIRED TRAINING GROUPS: NONE

Each group listed is responsible for its own training which may be specific to a title/individual and not to the group in its entirety. Please check with your local training coordinator/department.

SUBSTANTIVE REVISIONS: (See ★)

- 1) Cover Page - Updated to current formatting. Removed “Core Group” and “Target Audience”; replaced with “Required Training Groups”.
- 2) Section 3.7 - Added “Pipe support or any bracing shall not be welded directly to the gas meter/distribution piping”. Renumbered subsequent sections.



Gas Operations Standards

TITLE: SUPPORTING GAS SERVICE REGULATORS AND METERS

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	AUTHOR:	APPROVED BY:	DATE APPROVED:	VOLUME: 3 and Yellow Book	PAGE 1 OF
	Amarachi Ikwuagwu	Christian Martinez General Manager Technical Operations	5/30/24	Metering Specs and Procedures; Yellow Book	4 PAGES
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TITLE: SUPPORTING GAS SERVICE REGULATORS AND METERS

1.0 **SCOPE**

This specification covers the design and installation considerations to be used for gas meter set installations.

2.0 **LEGAL REQUIREMENTS**

None.

3.0 **GAS METER SET SUPPORTS (INCLUDING PIPE STANDS)**

- 3.1 Care should be taken to ensure that the meter sets and piping are not installed under stress.
- 3.2 Where practical, the outside portion of the meter set, including associated piping, should be designed so that damage to the meter set due to outside forces will not cause leakage inside a building.
- 3.3 When possible, use prefabricated meter bars to support the meter set.
- 3.4 Swing joint piping techniques may be used to reduce the problems of piping stress and for ease of installation.
- 3.5 Steel joints support on piping from 4" and larger in diameter should be welded. Con Edison will not accept nails, wood plugs or dowels as a means of fastening such supports.
- 3.6 Piping should be supported to minimize stress on the regulator body, meter case, and piping. Appropriate blocking, pads, stands, brackets, and hangers should be used as necessary. Supports for horizontal steel piping should be spaced so that the distances listed in Table 1 are not exceeded.
- ★ 3.7 Pipe support or any bracing shall not be welded directly to the gas meter/distribution piping.

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3.0 GAS METER SET SUPPORTS (INCLUDING PIPE STANDS) (Continued)

- 3.8 Reasonable precautions, such as increased pipe wall thickness, may be taken to protect the meter set assembly or service regulator from natural or other hazards.
- 3.9 Insulating material must be installed between the pipe support and the pipe to be supported, so that the pipe never makes contact with the support.

Table 1 Maximum Horizontal Support Spacing for Steel Piping

Nominal Pipe Size (Inches)	Maximum Support Spacing (Feet)
1/2	6
3/4 or 1	8
1-1/4 through 2	10
Larger than 2	See MSS SP-58

4.0 PIPE STANDS

When constructing pipe stands, refer to [EO-7043](#).

5.0 REFERENCES

MSS SP-58	Manufacturers Standardization Society. <i>Standard for Pipe Hangers and Supports - Materials, Design, Manufacture, Selection, Application, and Installation</i>
EO-7043	Pipe Type Saddle Support For Gas Regulator Installations
CI-870-1	Records Management

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6.0 RECORDS RETENTION

Any records generated in the course of performing work in accordance with this specification shall be maintained as required by Corporate Instruction [CI-870-1](#) "Records Management". Guidance on the retention of Company Gas Operations records can also be found on the [Records Management](#) intranet site.

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