

# 2025 AGA OPERATIONS

## FALL COMMITTEE MEETINGS & PSMS WORKSHOP

September 29 - October 3, 2025

Disney's Yacht & Beach Club Resort, Orlando Florida



## ANSI B109 Committee

**Tuesday, September 30, 2025**

### Welcome, Introductions, Safety Moment & Review of AGA Antitrust Compliance Guidelines

- B109 Committee Chair Matt Holsten opened the meeting at 1:00 pm with a safety moment.
- B109 Committee Secretary Luis Escobar reviewed the AGA Antitrust Compliance Guidelines, which were distributed to all participants prior to the meeting, and reiterated AGA's policy requiring strict compliance with antitrust laws at all AGA meetings.
- Mr. Holsten asked each of the attendees present to introduce themselves.

### Approval of the Fall 2024 B109 Committee Meeting Minutes

The minutes of the October 2024 B109 Committee meeting were approved as submitted.

### B109.4 / CSA 6.18 Harmonization Update

Max Ambrosi provided an update on the joint project with the Canadian Standards Association (CSA).

- CSA 6.18 *Service Regulators for Natural Gas* has been updated to be in closer alignment with the ANSI B109.4 Standard
  - Differences include temperature settings for some tests and B109.4 covers more products
- CSA has proposed that the ANSI B109.4 and CSA 6.18 be joined into one single standard
- A straw poll vote was taken to gauge the committee's openness for a joint standard:

	FIRST	LAST	STATUS	ORGANIZATION	INTEREST	VOTE
1	Max	Ambrosi	MEMBER	Pietro Fiorentini	Producer	Y
2	Michael	Avery	MEMBER	National Grid	User	Y
3	Ardis	Bartle	MEMBER	APEX Measurement & Controls LLC	General	Y
4	Maz	Bijan	MEMBER	Pacific Gas and Electric	User	Y
5	Matthew	Burr	MEMBER	Consolidated Edison	User	Abstain
6	Daniel	Bustamante	MEMBER	Southern California Gas Company	User	Y
7	Joe	Carlstrom	MEMBER	GTI - Gas Technology Institute	General	Y
8	Patrick	Donnelly	MEMBER	Consultant	General	Y
9	Isaac	Droessler	MEMBER	Cavagna	Producer	Y
10	Jon	Fickinger	MEMBER	Itron, Inc.	Producer	N
11	Danny	Fields	MEMBER	USG	Producer	Y
12	Matt	Holsten	MEMBER	Black Hills Corporation	User	Y

13	Sohail	Iftikhar	MEMBER	Honeywell	Producer	--
14	Will	Kraft	MEMBER	Emerson	Producer	--
15	Scott	Laplane	MEMBER	PERC/Mulcare	Producer	Y
16	Winston	Meyer	MEMBER	Consultant	General	Y
17	Jeffery	Mohrlock	MEMBER	Southwest Gas	User	Y
18	Lisa	Muirden	MEMBER	NW Natural	User	Y
19	Michael	Roberts	MEMBER	UGI Utilities	User	Y
20	Steve	Schamber	MEMBER	Landis-Gyr	Producer	--
21	John	Skinner	MEMBER	CSA Group	General	Y
22	Ron	Strong	MEMBER	Dresser Natural Gas Solutions	Producer	N
23	John	Todd	MEMBER	Control Southern	Producer	Abstain
24	Chris	Wagner	MEMBER	National Propane Gas Association	General	--
25	Erik	Wolter	MEMBER	A.Y. McDonald Mfg.	Producer	Abstain
26	Chris	Wykle	MEMBER	Sensus, a xylem brand	Producer	--

- If we were to join the two standards, the following topics must be addressed:
  - Who owns copyright? AGA, CSA, both?
  - Who owns publication revenue?
  - Certification process: self-certify like B109.4 or paid certification like CSA standard requires.

**ACTION ITEM:** Luis Escobar to present this to AGA's Office of General Counsel for guidance.

### CFSM / B109 Ultrasonic Sampling Project Update

Jon Fickinger provided an update on this joint project with AGA's Customer Field Services & Measurement (CFSM) Committee.

- A draft document covering accuracy limits, test plans, and inspection procedures was circulated for internal (task group) review in March/April 2025
  - Many utility members requested that the group look at all electronic monitoring options in lieu of sampling plans for these ultrasonic meters
  - Manufacturers needed more time to review what is available and feasible
- Work stalled over the summer
- The new plan is to develop a more complete whitepaper draft by the end of 2025
- Meetings are set for October 21, November 18, and December 9, 2025

### New Standards Project: Gas Volume Correctors

The committee considered a proposal for a new standard to address electronic gas volume correctors (EVCs).

- Chair Matt Holtesn and Vice Chair Maz Bijan gave an overview of what this proposed new standard could cover.
- They noted that the Transmission Measurement Committee's Gas Measurement Manual Part 15 (GMM-15): Electronic Volume Correctors could serve as a source of information.
- After discussion the attending members voted to start development of a new standard on EVCs and establish a task group for this project
  - A post-meeting ballot will be sent out to members who were not able to attend the meeting in person or virtual via MS Teams

	FIRST	LAST	STATUS	ORGANIZATION	INTEREST	VOTE
1	Max	Ambrosi	MEMBER	Pietro Fiorentini	Producer	Y
2	Michael	Avery	MEMBER	National Grid	User	Y
3	Ardis	Bartle	MEMBER	APEX Measurement & Controls LLC	General	Y
4	Maz	Bijan	MEMBER	Pacific Gas and Electric	User	Y

5	Matthew	Burr	MEMBER	Consolidated Edison	User	Y
6	Daniel	Bustamante	MEMBER	Southern California Gas Company	User	Y
7	Joe	Carlstrom	MEMBER	GTI - Gas Technology Institute	General	Y
8	Patrick	Donnelly	MEMBER	Consultant	General	Y
9	Isaac	Droessler	MEMBER	Cavagna	Producer	Y
10	Jon	Fickinger	MEMBER	Itron, Inc.	Producer	Y
11	Danny	Fields	MEMBER	USG	Producer	Y
12	Matt	Holsten	MEMBER	Black Hills Corporation	User	Y
13	Sohail	Iftikhar	MEMBER	Honeywell	Producer	Not Present
14	Will	Kraft	MEMBER	Emerson	Producer	Not Present
15	Scott	Laplante	MEMBER	PERC/Mulcare	Producer	Y
16	Winston	Meyer	MEMBER	Consultant	General	Y
17	Jeffery	Mohrlock	MEMBER	Southwest Gas	User	Y
18	Lisa	Muirden	MEMBER	NW Natural	User	Y
19	Michael	Roberts	MEMBER	UGI Utilities	User	Y
20	Steve	Schamber	MEMBER	Landis-Gyr	Producer	Not Present
21	John	Skinner	MEMBER	CSA Group	General	Y
22	Ron	Strong	MEMBER	Dresser Natural Gas Solutions	Producer	Y
23	John	Todd	MEMBER	Control Southern	Producer	Y
24	Chris	Wagner	MEMBER	National Propane Gas Association	General	Not Present
25	Erik	Wolter	MEMBER	A.Y. McDonald Mfg.	Producer	Y
26	Chris	Wykle	MEMBER	Sensus, a xylem brand	Producer	Not Present

<b>Action:</b>	Develop a new standard on electronic gas volume correctors (EVCs) – B109.7
<b>Task Group</b>	Mike Avery (National Grid), Ardis Bartle (APEX Measurement and Controls), Daniel Bellers (SoCalGas), Maz Bijan (PGE), Matt Burr (Consolidated Edison), Glen Heard (Romet), Matt Holsten (Black Hills Energy), Craig Lam (Endress+Hauser), Cristina Lancelot (Dresser), Quinn Long (Energy Economics Inc.), Lisa Muirden (NW Natural), Mike Roberts (UGI), Ron Strong (Dresser), John Todd (Control Southern)

### Standards Status Table

Standard	Title	Status	Current Approval Date	Revision / Reaffirmation Deadline	Continuous Maintenance
B109.1	Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet Per Hour Capacity)	Current	4/16/2024	4/16/2029	Yes
B109.2	Diaphragm-Type Gas Displacement Meters (500 Cubic Feet Per Hour Capacity and Over)	Current	7/3/2025	3/16/2030	Yes
B109.3	Rotary-Type Gas Displacement Meters	Current	4/16/2024	4/16/2029	Yes
B109.4	Self-Operated Diaphragm-Type Natural Gas Service Regulators for Nominal	Current	10/29/2021	10/29/2026	Yes

	Pipe Size 1-1/4 Inches (32 mm) and Smaller with Outlet Pressures of 2 psi (13.8 kPa) and Less				
B109.5	Self-Operated Diaphragm-Type Natural Gas Service Regulators for Nominal Pipe Size Up To And Including 2 Inches (50.8 mm)	Current	4/16/2024	4/16/2029	Yes
B109.6	Single Path Ultrasonic Gas Meters (Under 1400 Cubic Feet Per Hour Capacity)	Current	1/9/2024	1/9/2029	Yes

The B109 Committee is planning to hold a work session on the afternoon of the second day of the AGA Customer Field Services and Measurement (CFSM) Committee spring meeting. The next one will take place on Tuesday, April 28, 2026, in Tampa, FL.

During this work session the committee will discuss revisions to the B109.4 Standard. Members are asked to plan to attend; an MS Teams meeting invite will be sent to everyone so that those not present for the AGA Spring Operations Conference and Technical Committee Meetings can attend virtually.

### **B109 Committee Concluded 4:30 PM**

## Attendees

FIRST	LAST	COMPANY
Massimiliano	Ambrosi	Pietro Fiorentini USA
Aaron	Anderson	Itron
Maz	Bijan	Pacific Gas and Electric
Joe	Carlstrom	GTI Energy
Cordell	Carter	Southern Company Gas
Nathan	Chilson	Xcel Energy
Christopher	Connolly	National Grid
Patrick	Donnelly	Utility Solutions Group
Isaac	Droessler	Cavagna North America
Anthony	Dunkley	Pipeline Equipment Resources Company
Micah	Edwards	Summit Utilities
Luis	Escobar	American Gas Association
Jon	Fickinger	Itron
Danny	Fields	Utility Solutions Group
Glen	Heard	Romet Limited
Dillon	Hensel	WTG Energy
Ben	Hippler	Bascom-Turner Instruments
Patrick	Jacobs	Heath Consultants
Vipin	Kakkar	Hubbell Aclara
Craig	Lam	Endress+Hauser USA
Cristina	Lancelot	Dresser Utility Solutions
Scott	Laplante	Pipeline Equipment Resources Company
Michael	McMahon	Aclara
Jeffrey	Mohrlock	Southwest Gas Corporation
A. Michael	Roberts	UGI Utilities
Randy	Ross	Dresser Utility Solutions
Ben	Sarap	NiSource Inc.
Christopher	Shelanskey	National Grid
Brian	Shomper	Dresser Utility Solutions
Rob	Smith	Columbia Gas of Ohio
Karl	Steinhauser	Utility Solutions Group
Meredith	Webber	Outrider Gas Transports