



ANSI B109 Committee DRAFT Fall 2024 Minutes

October 10-11, 2024
Oklahoma City, OK

Welcome/Call to Order/Antitrust Compliance Reminder

- B109 Committee Chair Pat Donnelly opened the meeting with a safety moment.
- Luis Escobar, AGA Staff and Secretary to the B109 Committee, called attention to the AGA Antitrust Compliance Guidelines, which were distributed to all participants at the meeting, and reiterated AGA policy requiring strict compliance with antitrust laws at all AGA meetings.
- Mr. Donnelly asked each of the members present to introduce themselves.

Approval of the 2022 Fall Committee Meeting Minutes

The minutes of the September 23, 2023, B109 Committee meeting were approved as submitted.

Update on Current B109 Committee Projects

- **B109.6:** This new standard was approved by ANSI on 1/9/2024 and published on 1/26/2024.
- **B109.5:** This new standard was approved by ANSI on 4/16/2024 and published on 8/1/2024 (the delay was due to contract negotiations between AGA and the publisher).
- **B109.1:** The reaffirmation of the 2019 edition of this standard was approved by ANSI on 4/16/2024 and published on 8/28/2024 (the delay was due to contract negotiations between AGA and the publisher).
- **B109.3:** The reaffirmation of the 2019 edition of this standard was approved by ANSI on 4/16/2024 and published on 8/28/2024 (the delay was due to contract negotiations between AGA and the publisher).
- **CSA 6.18 Harmonization with B109.4:** Max Ambrosi updated the committee on harmonization efforts with the Canadian Standards Association.
 - There is 80% concurrence between both documents.
 - B109.4 goes up to 2 psi, while CSA 6.18 does not.
 - CSA 6.18 includes tests at -40 degrees while B109.4 does not.
 - CSA 6.18 requires CSA certification while B109.4 does not.
 - CSA will submit proposed changes for the B109.4 Standard.
 - Luis Escobar to reach out to John Skinner on how we could proceed with a joint standard.

New B109 Committee Projects

- The committee members had an open discussion about potential new projects to take on now that the new B109.5 and B109.6 are published. They zeroed in on two topics of interest:
 - **Commercial and Industrial Ultrasonics:** Members discuss their potential need for a B109.7 Standard to cover ultrasonic meters for larger capacities and flows. It was noted that AGA's Transmission Measurement Committee (TMC) publishes the AGA 9 *Measurement of Gas By Multipath Ultrasonic Meters*, which may serve as the basis for a new standard.

- The following group volunteered to continue the discussion: Max Ambrosi, Maz Bijan, Jon Fickinger, Matt Holsten, Sohail Iftikhar, Craig Lam, Justin Neben, John Todd.
- **Valves:** Various B109 standards discussions have revolved around the topic of how the existing standards cover valves. Specifically, do meters with integrated valves meet the traditional curved valve definition?
 - The following group volunteered to continue the discussion: Max Ambrosi, Maz Bijan, Dan Bustamante, Jon Fickinger, Justin Neben.
- **Quorum:** A quorum did not exist at the time of this discussion, therefore both groups will simply develop a recommendation on whether or not the B109 Committee should create a formal Task Group on their respective topic.

B109.2 Discussion

- Luis Escobar noted that we are approaching the five-year anniversary of the publication of the B109.2 Standard (see table below) and we will need to determine if we are revising or reaffirming.
- After discussion the group voted to submit a reaffirmation notice for the B100.2 Standard.
 - A post-meeting ballot was sent out to members who were not able to attend the meeting in-person or virtually via MS Teams).

Action:	Submit reaffirmation for B109.2 Standard.
Committee Member Votes:	Affirmative: Ambrosi, Bijan, Bustamante, Carlstrom, Donnelly, Fickinger, Holsten, Kraft, Laplante, Meyer, Silvius, Skinner, Todd, Wolter, Wykle Negative: 0 Abstain: 0 Absent: Avery, Bartle, Fields, Hardman, Richter, Schamber, Strong, Swiecicki

Nominations for Committee Chairs

- Pat Donnelly and Scott Laplante's term as Chair and Vice Chair will end on December 31, 2024. Luis Escobar formally requested nominations for Chair and Vice Chair to serve from January 1, 2025 – December 31, 2027.
- Matt Holsten volunteered for the Chair position and Maz Bijan volunteered for the Vice Chair position. They were approved unanimously by all in attendance.
 - A post-meeting ballot was sent out to members who were not able to attend the meeting in-person or virtually via MS Teams.

Action:	Approve Matt Holsten to serve as B109 Committee Chair and Maz Bijan as Vice Chair for the term of January 1, 2025 – December 31, 2027
Committee Member Votes:	Affirmative: Ambrosi, Bijan, Bustamante, Carlstrom, Donnelly, Fickinger, Holsten, Kraft, Laplante, Meyer, Silvius, Skinner, Todd, Wolter, Wykle Negative: 0 Abstain: 0 Absent: Avery, Bartle, Fields, Hardman, Richter, Schamber, Strong, Swiecicki

Membership Update

- Bryce Shaughnessy (Consumers Energy) resigned from the committee on 7/16/2024 due to a change in his professional responsibilities.
- Phil Silvius notified Luis Escobar that he no longer works for Honeywell but would like to stay on the committee.
- Luis Escobar will issue a membership ballot in the winter. Membership changes or applications should be submitted to lescobar@aga.org to be included on the ballot.

Ultrasonic Sampling Work Session

- In December 2024, the AGA Customer Field Services & Measurement (CFSM) Committee established an Ultrasonic Sampling Task Group to address the release of methane during meter changeouts.
- Various members of the B109 Committee are also members of the CFSM Committee and serve on the Ultrasonic Sampling Task Group.
- B109 members worked through various topics that the Ultrasonic Sampling Task Group has flagged for B109 Committee discussion.
- Ultimately, the topics brought up by the Ultrasonic Sampling Task Group may lead to proposed changes to existing B109 Standards.
- Jon Fickinger is the Chair of this (CFSM Committee) task group.

Standards Status Table

Standard	Title	Status	Current Approval Date	Revision / Reaffirmation Deadline	Continuous Maintenance
B109.0	Natural Gas Meters	New Standard in Development	N/A	N/A	N/A
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	3/16/2020	3/16/2025	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 Pipe Size 1-1/4 Inches (32 mm) and Smaller with Outlet Pressures of 2 psi (13.8 kPa) and Less	Current	10/29/2021	10/29/2026	Yes
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

Adjourn

There being no further business, the meeting adjourned early at 10:00 a.m. on October 11, 2024.

Members In Attendance

FIRST	LAST	STATUS	ORGANIZATION
Max	Ambrosi	MEMBER	Pietro Fiorentini
Maz	Bijan	MEMBER	Pacific Gas and Electric
Daniel	Bustamante	MEMBER	Southern California Gas Company
Joe	Carlstrom	MEMBER	GTI - Gas Technology Institute
Patrick	Donnelly	MEMBER	NiSource Inc.
Jon	Fickinger	MEMBER	Itron, Inc.
Matt	Holsten	MEMBER	Black Hills Corporation
Will	Kraft	MEMBER	Emerson
Scott	Laplante	MEMBER	PERC/Mulcare
Winston	Meyer	MEMBER	Consultant
Phil	Silvius	MEMBER	TBD (formerly Honeywell)
John	Skinner	MEMBER	CSA Group
John	Todd	MEMBER	Control Southern
Erik	Wolter	MEMBER	A.Y. McDonald Mfg.
Chris	Wykle	MEMBER	Sensus, a xylem brand

Members Absent

FIRST	LAST	STATUS	ORGANIZATION
Michael	Avery	MEMBER	National Grid
Ardis	Bartle	MEMBER	APEX Measurement & Controls LLC
Danny	Fields	MEMBER	USG
Tom	Hardman	MEMBER	Consolidated Edison
Ralph	Richter	MEMBER	National Institute of Standards & Technology
Steve	Schamber	MEMBER	Landis-Gyr
Ron	Strong	MEMBER	Dresser Natural Gas Solutions
Bruce	Swiecicki	MEMBER	National Propane Gas Association

AGA Staff

Luis Escobar, Secretary AGA

Guests In Attendance

FIRST	LAST	STATUS	ORGANIZATION
Daniel	Bellers	GUEST	Southern California Gas
Tom	Cullinan	GUEST	Landis + Gyr
Isaac	Droessler	GUEST	Cavagna
Sohail	Iftikhar	GUEST	Honeywell
Julien	Lallement	GUEST	Cavagna
Craig	Lam	GUEST	SICK, Inc.
Justin	Neben	GUEST	Pacific Gas & Electric