

ANSI B109 Committee

Fall 2022 Meeting

MINUTES [Approved on September 23, 2023]

Disneyland Hotel
Anaheim, CA

Wednesday, September 14, 2022

Welcome

- Committee Vice Chair Scott Laplante (PERC) presented a safety moment, welcomed everyone, and reviewed the agenda and AGA Antitrust Guidelines (provided to attendees with the meeting agenda).
- The Committee reviewed and approved the Fall 2021 Meeting Minutes, without change, by unanimous voice vote.
- Luis Escobar (AGA), B109 Committee Secretary, noted that Damon Myers (CEESI) resigned from the committee due to time constraints.
- Attendance: Quorum was met; 13 out of 19 Committee members were present on this virtual meeting. Absent members were Mike Avery (National Grid), Daniel Bustamante (SoCalGas), Melissa Fearing (Xcel Energy), John Skinner (CSA Group), Bruce Swiecicki (NPGA), and John Valdez (CenterPoint Energy).

ANSI Audit

- Luis Escobar (AGA) provided an update on the regularly scheduled ANSI audit.
 - The audit began on March 25, 2021 with the notification letter from ANSI
 - It covered a 10 year period instead of the typical 5 years due to the loss of accreditation for some of the B109 Standards in 2017/2018.
 - There were multiple *findings of noncompliance* which necessitate a revision of the committee procedures.
 - The revised committee procedures included a revised, "future-proof" scope that will allow the committee to develop standards other than diaphragm and rotary meters and regulators.
 - Luis Escobar (AGA) is developing committee training to ensure that future secretaries adhere to all the documentation requirements to avoid future faults.
 - **Action Item:** Luis Escobar to circulate training documents when completed.
 - The revised procedures were approved, along with the new scope, on July 12, 2022
 - This constitutes re-accreditation for 5-years
 - We will undergo a special audit when we submit the first BSR-9 form (requesting ANSI's approval of a new/revised standard) to ensure compliance with the new procedures

Procedures Training

- Luis Escobar (AGA) conducted committee training based on the audit findings of noncompliance:
 - Committee members were reminded that the "ANSI" designation and logo can only be used on approved (published) standards
 - Published standard: **ANSI** B109.4 Standard – 2021
 - Working draft: B109.4 Standard **Draft** - MMYYYY
 - Public review draft: **BSR** B109.4 Standard **Draft** - MMYYY
 - Official terms used by the committee were simplified during the revision of the procedures:
 - **USE:** B109 Committee (or Committee); Task Groups
 - **DO NOT USE:** Subcommittee; Task Force
 - Membership balance requirements were simplified: no single interest category constitutes a majority of the consensus body (i.e., B109 Committee)
 - There is no maximum committee size (at the moment)
 - The committee is able to provide official interpretations; please see section 7.10 of the procedures for specific requirements
 - Special request: when returning a ballot, please use the following file naming convention:
 - **YOUR LAST NAME** – B109 Membership Ballot October 2020

B109.5 Standard Work Session

- Max Ambrosi (Pietro Fiorentini), Chair of the B109.5 Task Group, led a work session to continue the development of the B109.5 Standard draft.
- Attendees that are not part of the B109.5 Task Group were able to see the progress made on the new standard and participate in the discussion of the remaining issues.
- The Task Group expects to get to the ANSI Public Review stage by late- 2022/early-2023.
 - **Action Item:** Max to set up next virtual Task Group meeting to finish development.

Update on B109.0 Development

- Ralph Richter (NIST) noted that the internal review of the B109.0 Standard Draft took place in summer 2021 and comments were resolved.
- Ralph also indicated that OIML was not able to discuss/approve the B11 (Rules governing the translation, copyright and distribution of OIML publications) at their October 2021 meeting due to time constraints. The will, however, discuss it at their October 2022 meeting.
- If the B11 is approved in October, Ralph will send the approved document to Luis to share with AGA's Office of General Counsel.
- After legal review is complete and approval granted, the B109.0 Standard Draft will be ready for ANSI Public Review.
 - **Action Item:** Ralph to notify Luis of B11's approval.

Development Schedule Review

- Luis Escobar (AGA) reviewed the current status of each existing standard. He noted that the committee had previously discussed moving to a Continuous Maintenance development format. The committee discussed the pros and cons of such a move.
 - Standards under Continuous Maintenance can undergo targeted revisions as they are identified (as opposed to a review/revision of the entire standard).
 - This can encourage members to serve on the Task Group as it requires less time commitment.
 - Additionally, standards under Continuous Maintenance do not require the submission of a Project Initiation Notification (PINS) when working on revisions.
- After extensive discussion, the following tentative 3-part motion was made and approved by attendees:

Motion: (a) Register the B109.1, B109.2 and B109.3 Standards as under Continuous Maintenance with ANSI. (b) Register all future B109 Standards as under Continuous Maintenance. (c) Establish a Task Group to review the existing standards for a need to revise.	
First: Pat Donnelly (NiSource)	2nd: Winston Meyers (Consultant)
Committee Member In Attendance Votes: - Ayes: Ambrosi, Bartle, Carlstrom, Donnelly, Fickinger, Fields, Holsten, Laplante, Meyer, Richter, Silvius, Strong, Wykle - Nays: [none]	

- **Action Item:** Luis Escobar to ballot the full committee on the resolution.

B109.6 Standard Work Session

- Jon Fickinger (Itron), Chair of the B109.6 Task Group, led a work session to continue the development of the B109.6 Standard draft.
- Attendees that are not part of the B109.6 Task Group were able to see the progress made on the new standard and participate in the discussion of the remaining issues.
- The Task Group expects to get to the ANSI Public Review stage by late- 2022.
 - **Action Item:** Jon to set up next virtual Task Group meeting to finish addressing the internal review comments.
 - **Action Item:** Luis to prepare the ANSI Public Review ballot for when comment resolution is done.

Meeting Adjourned

B109.5 Task Group Roster

TITLE: BSR B109.5-202x, Self-Operated Diaphragm-Type Natural Gas Service Regulators for Nominal Pipe Size Up To 2 Inches (50.8 mm)

SCOPE: This standard shall apply to the minimum design, material, performance, and testing requirements of natural gas service regulators up to 2 inches (50 mm) not covered in ANSI B109.4 and inlet pressures up to 125 psig (861.8 kPa). These regulators are used to control the gas delivery pressure (also referred to as set pressure or P2) to pressures at 20 psig or less (13.8 kPa). This standard shall apply only to regulators manufactured after the approval date of this standard.

NAME	ORGANIZATION	EMAIL
Max Ambrosi (CHAIR)	Pietro Fiorentini	Max.Ambrosi@fiorentini.com
Tom Bradley	Equipment Controls Company	tbradley@equipmentcontrols.com
Patrick Donnelly	NiSource Inc.	pdonnel@nisource.com
Melissa Fearing	Xcel Energy Inc.	melissa.d.fearing@xcelenergy.com
Jon Fickinger	Itron, Inc.	jon.fickinger@itron.com
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Peter Klock	ESC Engineering	peter@escengineering.com
Winston Meyer	Consultant	wcmeyer@sbcglobal.net
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John Todd	Control Southern	John.Todd@controlsouthern.com
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Ron Strong	Dresser Natural Gas Solutions	ron.strong@dresserngs.com
Robbie Swigert	ROOTS Regulators	Robbie.Swigert@DresserUtility.com
Jennifer Voelker	ROOTS Regulators	Jennifer.Voelker@DresserUtility.com
Adam Ambrose	Pietro Fiorentini	adam.ambrose@fiorentini.com

B109.6 Task Group Roster

TITLE: BSR B109.6-202x, Single Path Ultrasonic Gas Meters (Under 1400 Cubic Feet Per Hour Capacity)

SCOPE: This standard applies to single-path ultrasonic gas meters, designed for revenue measurement of fuel gas, having a flow rating of less than 1400 cubic feet per hour (39.64 m³/h) capacity at 0.5-inch water column (125 Pa) differential pressure at base conditions.

NAME	COMPANY	EMAIL
Max Ambrosi	Pietro Fiorentini	Max.Ambrosi@fiorentini.com
Ardis Bartle	APEX Measurement & Controls	ardisbartle@apexmeasurement.com
Tod Bradley	Equipment Controls Company	tbradley@equipmentcontrols.com
Jeff Chiucchi	BGE	Jeffrey.Chiucchi@bge.com
Pat Donnelly	NiSource	pdonnel@nisource.com
Melissa Fearing	Xcel Energy Inc.	melissa.d.fearing@xcelenergy.com
Jon Fickinger (CHAIR)	Itron, Inc.	jon.fickinger@itron.com
Duane Harris	Sick	Duane.Harris@sick.com
Matt Holsten	Black Hills Corporation	matt.holsten@blackhillscorp.com
Sohail Iftikhar	Honeywell	Sohail.Iftikhar@honeywell.com
Janet Penz	Itron, Inc.	janet.penz@itron.com
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Ron Strong	Dresser Natural Gas Solutions	ron.strong@dresserngs.com
John Valdez	CenterPoint Energy	john.valdez@centerpointenergy.com
Julie Watson	Itron, Inc.	Julie.watson@itron.com
Chris Wykle	Sensus, a xylem brand	chris.wykle@sensus.com
Daniel Bustamante	SoCalGAs	DBustamante@socalgas.com

Meeting Attendees

#	Name	Company	Status
1	Ardis Bartle	APEX Measurement & Controls	MEMBER
2	Chris Wykle	Sensus	MEMBER
3	Craig Lam	SICK	INTERESTED PARTY
4	Danny Fields	Utility Solutions Group	MEMBER
5	Danny Harris	Dominion Energy NC	INTERESTED PARTY
6	Duane Harris	SICK	INTERESTED PARTY
7	Erik Wolter	AY McDonald	INTERESTED PARTY
8	Jim Eubanks	SoCalGas	INTERESTED PARTY
9	Joaquin Milo	Enbridge Gas	INTERESTED PARTY
10	Jacob Petereson	Black Hills Energy	INTERESTED PARTY
11	Joe Carlstrom	GTI	MEMBER
12	Jon Fickinger	Itron	MEMBER
13	Gavin Steele	Enbridge Gas	INTERESTED PARTY
14	Luis Escobar	AGA	STAFF
15	Matt Holsten	Black Hills Energy	MEMBER
16	Max Ambrosi	Pietro Fiorentini	MEMBER
17	Patrick Donnelly (Chair)	NiSource	MEMBER
18	Paul Gugliotta	National Grid	INTERESTED PARTY
19	Phil Silvius	Honeywell	MEMBER
20	Ralph Richter	National Institute of Standards & Technology	MEMBER
21	Ron Strong	Dresser Natural Gas Solution	MEMBER
22	Salvatore Sciascia	National Fuel	INTERESTED PARTY
23	Scott Laplante (Vice Chair)	Mulcare	MEMBER
24	Signe Lippert	Puget Sound Energy	INTERESTED PARTY
25	Sohail Iftikhar	Honeywell	INTERESTED PARTY
26	Steven Schamber	Landis+Gyr	INTERESTED PARTY
27	Vicki Trees	Landis+Gyr	INTERESTED PARTY
28	Walton Lee	SoCalGas	INTERESTED PARTY
29	Winston Meyer	Consultant	MEMBER

B109 Standards Status

Standard	Topic	Status	Prev. Approval Date	Current Approval Date	Next Approval Deadline	Est. Develop. Time	Begin Next Revision
B109.0	Natural Gas Meters	NEW STANDARD IN DEVELOPMENT	N/A	N/A	TBD	24 months	N/A
B109.1	Diaphragm Meters Under 500 Cubic Feet Per Hour Capacity	CURRENT	4/14/2008	4/15/2019	4/15/2024	24 months	4/15/2022
B109.2	Diaphragm Meters 500 Cubic Feet Per Hour Capacity and Over	CURRENT	4/14/2008	3/16/2020	3/16/2025	24 months	3/16/2023
B109.3	Rotary-Type Gas Displacement Meters	CURRENT	4/14/2008	2/5/2019	2/5/2024	24 months	2/5/2022
B109.4	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	2/3/2017	10/29/2021	10/29/2026	24 months	10/29/2024
B109.5	Regulators for Nominal Pipe Size Up To 2 Inches (50.8 mm)	NEW STANDARD IN DEVELOPMENT	N/A	N/A	TBD	24 months	N/A
B109.6	Single Path Ultrasonic Gas Meters Under 1400 Cubic Feet Per Hour Capacity	NEW STANDARD IN DEVELOPMENT	N/A	N/A	TBD	24 months	N/A

