

MINUTES

2027 National Fuel Gas Code (NFGC)

Second Draft Meeting

ANSI Z223 Committee and NFPA 54 Committee

October 7 – 9, 2025
8:00 am – 5:00 pm ET
Charleston Marriott, Charleston, SC

1. Call To Order. Franklin Switzer, NGFC Chair.

Meeting started at 8:00 am.

2. Introductions. Attendees introduced themselves.

See **Attachment A: Attendance**.

3. Chair Report. Franklin Switzer.

Noted that NFPA 54 and Z223 Committees meet together.

4. Staff Liaison Reports. Alex Ing (NFPA) and Luis Escobar (AGA).

NFPA – Alex Ing shared pertinent information which included:

- New Recording and AI policy
- Meeting participation guide
- Representation:
 - Ted Lemoff will represent OMEGA FLEX and IPEX
 - Misty Guard will represent Regulosity
 - Ted Williams will represent OMEGA FLEX
- New Copyright slide
 - Members should not copy another party's IP into an NFPA standard
 - NFPA input cannot be used to train any AI models
- There will be a ballot after this meeting, then the Second Draft Report will be posted, and the final technical step is the NITMAM posting and then the technical committee meeting

ANSI Z223 – Luis Escobar shared pertinent information which included:

- Review of the AGA Antitrust Compliance Guidelines

ANSI Z223/NFPA 54 Secretary

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- At this meeting the Z223 Committee will vote separately (from the NFPA 54 Committee) on each PC and other items
- Luis to issue a ballot to Z223-only Members after this meeting in conjunction with NFPA ballot
- Members of Z223 *and* NFPA 54 must vote via NFPA website
- Luis will consolidate the Z223 results afterwards
- Second ANSI Public Review will take place in Spring 2026
- All committee documents and updates posted to www.agi.org/ansi and go to [Z223](#)
- AGA should look into developing an AI policy

5. Previous Meeting Minutes. September 2024, Charleston, SC. See below.

- Motion to Approve Minutes from September 2024 [Chris Wagner, Jeff Kleiss] **MOTION PASSES**

6. 2027 NFGC Second Draft.

a. Public Comments. See separate attachment.

b. Task Group Reports.

i. Multi-Requirements and Exceptions. See PCs 26, 38, 39, 40, 41, 42, 43, 44, and 45.

ii. Alternative Fuel. Bob Torbin.

This task group presented after PC 37 was voted on.

The proposal was put forward as a Committee Input.

Motion to create SR – PASSES (tentatively SR 5) – Systems using pure hydrogen or admixtures higher than

There is a lot of ongoing research on combustion issues with hydrogen blending. Next cycle we'll probably see proposals on how to certify old appliances for exposure to hydrogen blends up to 20%.

Task Group has finished its work in this cycle and ready to reconstitute if allowed for next cycle.

iii. Piping Underground Under Structures. Mike Gorham.

No report.

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iv. Industrial Coverage. John Puskar.

Recommends creating a new Industrial Coverage Task Group for the next revision cycle.

v. Chapter 8 Purging. Matt Wilber.

No report.

The existing Task Groups, as they stood, are now disbanded for this cycle.

c. Committee Inputs. No action.

7. Other Business.

a. Reference Standards. Motion to update reference texts to latest edition [Kleiss, Byers].

b. Extracts. Motion to update extracts [Lemoff, Thielen].

c. Annex K. Motion to update reference texts to latest edition [Lemoff, Kleiss].

d. Informational Reference. Update NFPA 61 to NFPA 660 [Lemoff, Thielen].

e. Industrial Chapter. Create an Industrial Chapter Ad Hoc Task Force to look into creating a new chapter specifically for industrial applications [approved unanimously].

We will ask all the people on the current Industrial TG but also adding Kent Thompson, Andy Thielen, Enrique Gonzalez, Jeremy Conjura

f. Next Steps. Ballot will go out in January. Second Draft Report posted by March 3, 2026 and 2nd ANSI Public Review will be about the same time.

8. Future Meetings. Too far out to do right now. Pre-draft will be virtual in early 2027.

9. Adjournment. [Thielen, Lemoff] Approved

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ATTACHMENT A**Attendance**

ANSI Z223 Committee						
Attendance - 2027 Second Draft Meeting						
Cat.	Member Status	First Name	Last Name	DAY 1	DAY 2	Representing
M	PV	Eric	Adair	y	y	Hearth, Patio & Barbecue Association
SE	PV	Thomas	Andrews	y		Self
SE	PV	Michael	Bethany			Gas Piping Safety Service
AR-TL	PV	Jonathan	Brania	y	y	Underwriters Laboratories:
I-M	PV	James P.	Brewer	y	y	National Chimney Sweep Guild
SE	PV	Charles	Brown	y	y	Advanced Engineering Investigations (AEI)
I-M	PV	Daniel	Buuck	y	y	National Assoc. of Home Builders
ES	PV	Christopher	Byers	y	y	American Gas Association
SE	PV	Jeremy	Conjura	y	y	Corning
I-M	PV	Gerald	Davis	y	y	Williams Construction and Meter Services
M	PV	Tom	Deary			Air Conditioning, Heating, and Refrigeration Institute
ES	PV	Ralph	Euchner	y	y	American Gas Association
AR-TL	PV	Marvin	Evans		y	CSA Group
M	PV	Pennie	Feehan	y	y	Copper Development Association
EA	PV	Enrique	Gonzalez	y	y	International Assoc. of Plumbing & Mech. Officials
ES	PV	Michael R.	Gorham			The National Propane Gas Association
EA	PV	Gregg	Gress	y	y	International Code Council
M	PV	Steen	Hagensen			ENERVEX, Inc.
EA	PV	Peter	Holmes	y	y	Maine Fuel Board
SE	PV	Nasir	Hussain	y	y	Combustion Science & Engineering
SE	PV	Zuhair	Ibrahim	y	y	Ibrahim & Associates
M	PV	Jeff	Kleiss	y	y	Air Conditioning, Heating, and Refrigeration Institute
SE	PV	Theodore	Lemoff	y	y	TLemoff Engineering
ES	PV	Jean	McDowell	y	y	Texas Propane Gas Assocaiton
ES	PV	Andrea	Papageorge	y	y	American Gas Association
M	PV	John	Park			Association of Home Appliance Manufacturers
I	PV	Brett	Readout	y	y	EMC Insurance Companies
EA	PV	Karley	Rudynski			Railroad Commission of Texas
ES	PV	Jon	Russell	y	y	American Public Gas Association
M	PV	Adam	Smith	y	y	Viega
EA	PV	Eric C.	Smith	y	y	International Fire Marshals Association
ES	PV	Jason	Stanek	y	y	American Gas Association
SE	PV	Franklin	Switzer	y	y	S-afe, Inc.
M	PV	Calvin	Timmons	y	y	Willbanks & Associates
SE	PV	Andy	Thielen	y	y	ESi

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M	PV	Robert	Torbin	y	y	Air Conditioning, Heating, and Refrigeration Institute
ES	PV	Christopher	Wagner	y	y	The National Propane Gas Association
M	PV	Brian	Williams	y	y	Ferguson Enterprises
SE	PV	Ted	Williams	y	y	Natural Gas Direct
SE	PV	Duane	Wolf	y	y	Wolf Engineering
EA	A	Hugo	Aguilar			International Assoc. of Plumbing & Mech. Officials
ES	A	Eric	Benstock	y	y	Texas Propane Gas Association
EA	A	LaToya	Carraway	y	y	International Code Council
I	A	Kody	Daniel	y	y	EMC Insurance Companies
M	A	Misty	Guard	y	y	Ferguson Enterprises / Regulosity
ES	A	Paul	Gugliotta	y	y	American Gas Association
M	A	Young	Han	y	y	ENERVEX, Inc.
AR-TL	A	Travis	Hardin			Underwriters Laboratories:
I-M	A	Vladimir	Kochkin			National Assoc. of Home Builders
AR-TL	A	Colin	Moorhouse			CSA Group
M	A	Harold	Moret			Copper Development Association
SE	A	John	Puskar	y	y	Technical Services LLC
ES	A	Stan	Smith			American Gas Association
EA	A	Kent	Thompson	y	y	Railroad Commission of Texas
SE	A	Matt	Wilber			ESi

Guests:

First Name	Last Name	Representing
Larry	Gill	IPEX
James	York	Rheem
Cory	Weiss	Field Controls
Sarah	Frey	NFPA
George	Ragula	RegulaTech
Jacques	De Beer	Exponent
Chris	Mobley	UL Solutions
Mark	Parliament	Viega
Phil	Ribbs	CA State Pipe Trades
Gillian	Wintonic	UL
Shannon	Corcoran	AGA
Tim	McNulty	RM Manifold
Bryan	Payne	Centrotherm
Roger	Griffith	Griffith Engineering
Charon	McNabb	NCOAA
Alex	Fridlyand	GTI Energy
Tung	Nguyen	Emerson Automation Solution
Brian	Ryglewicz	Chimney Design Solutions

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Zachary	Hillock	APGA
Alex	Ing	NFPA
Brian	Kurtz	Carrier
Gaetano	Altomare	IPEX
Paula	Laney	EDP
Mike	Cudahy	PPFA
Josh	Askey	Corning
Gary	Braun	Self
Kasey	Smith	IPEX
Jon	Sargeant	Omega Flex
Will	Fisher	Fluid Industrial Associates

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