

# **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.aga.org/ansi](http://www.aga.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 2<sup>nd</sup> 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 Association                          |
| 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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