AGENDA

NFPA Technical Committee on Venting Systems for Cooking Appliances (VEN-AAA)
NFPA NFPA 96 Second Draft Meeting (A2026)

September 8th, 2025
11:00 a.m. – 5:00 p.m. (ET)

Microsoft Teams
To join the meeting, please contact Ylee@nfpa.org

1. **Call to order.** Stephen Hill.
2. **Introductions.** See committee roster attached.
3. **Staff liaison report.** Stephen Ganoe.
4. **Previous meeting minutes.** September 2024, Quincy, MA. See attached.
5. **Meeting Items.**
   a. **Public Comment(s).** See attached.
   b. **Committee Input(s).** See attached.
   c. **Task Group(s).**
      i. **Meat Smoking Task Group.**
         1. Scope: Review the PI's associated with Meat Smoking as submitted by Society Insurance and create requirements for solid fuel meat smoking appliances.
         2. Member: Dave de Vries (Chair), Chip Barnhart, Doc Reisman, Rob Carmichael, Derek Wester, Frank Norton, Mark Skierkiewicz, Kevin Richards.
      ii. **CO Detector and Alarm in Kitchens and Food Trucks.**
         1. Scope: Review PI-47 and PI-49 and determine the appropriateness of detectors and alarms in kitchens and food trucks, adjust any requirements, and create annex material as needed..
         2. Member: Kurt Ruchala (Chair), Derek Wester, R. T. Leicht, Mark Skierkiewicz, Dave de Vries.
      iii. **High Rise Exhaust Duct Requirements Review**.
         1. Scope: Review rooftop and wall termination clearance requirements and determine if the use of ecology units can reduce the clearances.

2. Member: Chip Barnhart (Chair), Jim Valentine, Frank Mitarotonda, Mark Skierkiewicz, Rob Carmichael, Chris Heiner, Ellen McFarland-Humphreys, Matt Gorrell.

6. **Staff Items for Consideration**
7. **Other Business.**
8. **Future meetings.**
9. **Adjournment.**

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MEETING MINUTES

NFPA Technical Committee on Venting Systems for Cooking Appliances (VEN-AAA)
NFPA 96 First Draft Meeting (A2026)

September 9-10, 2024
8:00 am – 5:00 pm (ET)

NFPA Headquarters, Quincy, MA

1. **Call to order.** Steve Hill, chair, called the meeting to order at 8:00 am on 9/9/2024.
2. **Introductions.** Attendees introduced themselves and identified their affiliation and staff took attendance.
3. **Chair report.** Steve Hill welcomed attendees and provided an overview of the meeting.
4. **Staff liaison report.** Stephen Ganoe provided an overview of the standards development process and the revision cycle schedule and reviewed the scope of both the committee and NFPA 96.
   a. The following members declared that they had been retained to represent the interest of an entity that would be classified in an interest category different from their own with respect to a specific issue or issues that were addressed by the committee.

   Kurt Ruchala – Restaurant Technologies Inc.
5. **Previous meeting minutes.** The minutes from September 2022, Microsoft Teams were approved with the following revisions: Doc Reisman did attend but was shown as not attending.
6. **NFPA 96 First Draft.**
   a. **Review of Public Inputs.** The Technical Committee reviewed the Public Inputs and developed Committee Inputs and First Revisions as necessary. These will be available in the First Draft Report at www.nfpa.org/96.
   b. **Reconstituted Task Group(s).** The following task groups provided their reports and recommendations and have been reconstituted to continue their work:
      i. **High Rise Exhaust Duct Requirements Review**.
         1. Review rooftop and wall termination clearance requirements and determine if the use of ecology units can reduce the clearances.
         2. TG Chair: Chip Barnhart. Members: Jim Valentine, Frank Mitarotonda, Mark Skierkiewicz, Rob Carmichael, Chris Heiner, Ellen McFarland-Humphreys, Matt Gorrell.

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3. The committee did not have anything to report.

c. **New Task groups.** The following task groups were appointed to work subsequent to the meeting:

i. Meat Smoking Task Group.

1. Review the PI's associated with Meat Smoking as submitted by Society Insurance and create requirements for solid fuel meat smoking appliances.
2. TG Chair: Dave de Vries Members: Chip Barnhart, Doc Reisman, Rob Carmichael, Derek Wester, Frank Norton, Mark Skierkiewicz, Kevin Richards

ii. CO Detector and Alarm in Kitchens and Food Trucks.

1. Review PI-47 and PI-49 and determine the appropriateness of detectors and alarms in kitchens and food trucks, adjust any requirements, and create annex material as needed.
2. Chair: Kurt Ruchala Members: Derek Wester, R. T. Leicht, Mark Skierkiewicz, Dave de Vries

d. **Discharged Task Groups.** The following task groups provided a report and have been discharged with thanks:

i. Responsibility for Inspection, Testing, Maintenance, and Cleanliness from Owner to Another Party.

1. Review and clarify requirements in regard to inspection, testing, cleaning, and repairs of systems and equipment.
2. TG Chair: Dave de Vries. Members: Frank Mitarotonda, Chip Barnhart, David Hensel, Derek Wester, Doc Reisman, James Valentine, Nelson Dilg, Phil Ackland, R. T. Leicht, Stephen Hill.

e. **Presentation(s).** The committee heard presentations from the following individuals.

i. Cleaning Detergents and Water Wash Hoods. Kurt Ruchala. Presentation attached.

7. Other Business.

Frank Mitarotonda discussed how IKECA standards are presented in the standard, the TC did not make any changes document.

The committee would like to solicit members of the restaurant industry to apply to the technical committee.

8. Future meetings. The next committee meeting will be Summer 2025. A meeting notification will be posted at www.nfpa.org/96next when the meeting is scheduled.

9. Adjournment. The meeting was adjourned at 12:00 pm on 9/10.

Attendees

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✓	**Mark T. Conroy**	Principal	Brooks Equipment Company
·	**Dwayne E. Sloan**	Principal	UL LLC
·	**James F. Valentine, Jr.**	Principal	James F. Valentine, Jr., Inc.
·	**Christopher M. Hiener**	Principal	Union Fire District of South Kingstown
✓	**M. D. "Doc" Reisman**	Principal	Averus, Inc.
✓	**Ellen McFarland-Humphreys***	Principal	LA Office Of The Fire Marshal
✓	**June M. Kearney***	Principal	Philadelphia Fire Department
·	**Daryl Mirza**	Principal	Roof Top Solutions
✓	**Adam D. Walker***	Principal	Johnson Controls
✓	**Steven F. Levin**	Principal	
·	**David Lee Hensel**	Principal	SSA Foodservice Consultants
·	**W. Nelson Dilg**	Principal	Nelbud Services Group
✓	**Larry Angle**	Principal	M. Jacks Fire & Safety
✓	**Bruce Lukens***	Principal	Gaylord Industries
✓	**Zainul Abedeen***	Principal	WSP Middle East
·	**David Larson**	Principal	Hoodz of Clackamas
·	**Timothy Dwain Schmidle**	Principal	Liberty Mutual Group Prop
✓	**Kevin Richards**	Principal	Carrier/Kidde Fire Systems
✓	**Tom Long, Jr.***	Principal	Exponent, Inc.
✓	**David A. de Vries**	Principal	Firetech Engineering Inc.
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·	**Joseph W. Kuesis**	Principal	Flame Guard USA
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·	**Christopher A. Roth**	Principal	Town of Brighton
·	**Corey Bartlett**	Principal	Van-Packer Company
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✓	**Derek P. Wester**	Voting	Amerex Corporation

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✓	**Stefan Kraft***	Alternate	Jensen Hughes
·	**Christopher Lee**	Alternate	Valentine & Associates
.	**Russell P. Fleming**	Nonvoting Member	Northeast Fire Suppression Associates, LLC
✓	**Stephen Ganoe**	Staff Liaison	NFPA

Guests:

Jamie Gardner	Restaurant Technologies
Nathan Meyer	Restaurant Technologies
Brian Anderson*	Society Insurance
Frank Norton*	Society Insurance
Speedy Laster*	Phillip Ackland Holdings Ltd.
Charlie Thomas*	Society Insurance
Pat O'Brien*	Society Insurance
David Pelton*	NAFED
Mark Skierkiewicz*	UL
Miguel Aguilera*	NYFD
Thomas Kolman*	Restaurant Technologies

*Participated by teleconference

Total number in attendance: 41

Public Comment No. 3-NFPA 96-2025 [Section No. 2.3.3]

2.3.3 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.

CAN/UL 144, *Standard for Safety LP-Gas Regulators*, 2024.

UL 197, *Commercial Electric Cooking Appliances*, 2010, revised 2023.

UL 263, *Fire Tests of Building Construction and Materials*, 2011, revised 2022.

ANSI/CAN/UL/ULC 300, *Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment*, 2024.

UL 499, *Electric Heating Appliances*, 2014.

UL 705, *Power Ventilators*, ~~2022~~ revised 2024 .

UL 710, *Exhaust Hoods for Commercial Cooking Equipment*, 2024.

UL 710A, *Safety for Rooftop Grease and Oil Collection and Containment Systems*, 2015.

UL 710B, *Recirculating Systems*, 2011, revised 2021.

UL 723, *Test for Surface Burning Characteristics of Building Materials*, 2023.

UL 1046, *Grease Filters for Exhaust Ducts*, 2010, revised 2022.

UL 1479, *Fire Tests of Through-Penetration Firestops*, 2015, revised 2024.

UL 1484, *Residential Gas Detectors*, 2016, revised 2022.

UL 1889, *Commercial Filters for Cooking Oil*, 2024.

UL 1978, *Grease Ducts*, 2010, revised 2024.

UL 2221, *Tests of Fire Resistive Grease Duct Enclosure Assemblies*, 2010, revised 2014.

UL 8782, *Outline of Investigation for Pollution Control Units for Commercial Cooking Operations*, 2017.

Statement of Problem and Substantiation for Public Comment

latest revision ANSI approved is dated September 16, 2024 per UL website. https://www.shopulstandards.com/ProductDetail.aspx?productId=UL705_7_S_20170719

Related Item

• Public Input No. 36-NFPA 96-2024 [Section No. 8.1.1]

Submitter Information Verification

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Committee: VEN-AAA

Public Comment No. 14-NFPA 96-2025 [Section No. 2.3.6]

2.3.6 Other Publications.

ASME, *Boiler and Pressure Vessel Code*, 2023.

Merriam-Webster's Collegiate Dictionary, 11th edition, Merriam-Webster, Inc., Springfield, MA, 2020.

ANSI / IKECA C10, Standard for Methodology for Cleaning of Commercial Cooking Exhaust Systems 2nd Edition 2021

ANSI / IKECA I10, Standard for the Methodogy for Inspection of Commercial Exhaust Systems 2nd Edition 2020

International Kitchen Exhaust Cleaning Association

2331 Rock Spring Road

Forest Hill, MD 21050

USA

Statement of Problem and Substantiation for Public Comment

The included publications are referenced in the Annex with a Public Input provided to move them from the Annex to the body of the Standard. The ANSI / IKECA C10 and I10 are both Nationally recognized accredited publications accepted by Authority Having Jurisdiction (AHJ). The Standards provide guidance in the execution of minimum safety standards for Industry when performing cleaning and inspections.

Related Item

• 12.4.4, 12.6.1

Submitter Information Verification

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Submittal Date: Tue May 20 11:29:10 EDT 2025
Committee: VEN-AAA

Public Comment No. 17-NFPA 96-2025 [Section No. 2.3.6]

2.3.6 Other Publications.

ASME, *Boiler and Pressure Vessel Code*, 2023.

Merriam-Webster's Collegiate Dictionary, 11th edition, Merriam-Webster, Inc., Springfield, MA, 2020.

SMACNA, HVAC Systems Testing, Adjusting & Balancing Manual, 4th Edition, 2023

Statement of Problem and Substantiation for Public Comment

The addition of the SMACNA HVAC Systems Testing, Adjusting & Balancing (TAB) Manual, 4th Edition into NFPA 96 will provide a nationally recognized, technically validated resource to support code users, contractors, and Authorities Having Jurisdiction (AHJs) in meeting the airflow and ventilation performance requirements prescribed throughout the standard.

NFPA 96 establishes preventive and operational fire safety requirements for commercial cooking operations, including critical requirements for airflow balance, replacement air, exhaust performance, and safety interlocks that directly impact fire safety. These functions are dependent on proper system balancing and verification at commissioning, after cleaning, and during ongoing maintenance.

The newly revised 4th edition of the SMACNA HVAC Systems Testing, Adjusting & Balancing Manual incorporates up-to-date procedures for modern HVAC systems, including hydronic, forced air, and hybrid designs that are increasingly utilized in commercial kitchens and associated spaces. The manual provides:

Standardized TAB procedures for verifying airflow volumes and velocities.

Sample forms for reporting TAB results that support documentation for AHJs.

Updated practices for adjustment of dampers, diffusers, and airflow control devices critical to ventilation fire safety.

Defined skill level requirements for trained and qualified TAB technicians, ensuring competency in balancing work affecting fire protection systems.

Incorporating the SMACNA TAB Manual as a referenced resource will directly support and clarify compliance with the following NFPA 96 sections where airflow performance directly affects safety outcomes:

8.2.1 – Air Velocity

8.2.2 – Air Volume

8.3 – Replacement Air

12.6.11 – Dampers and Diffusers shall be positioned for proper airflow

12.6.12 – Restoration of system components to operable state after cleaning

15.6 – Air Movement for Solid Fuel Cooking

16.3 – Airflow Switch or Transducer

By referencing the SMACNA TAB Manual, NFPA 96 will strengthen its technical foundation, support uniform enforcement by AHJs, and improve safety outcomes by ensuring that airflow-dependent fire safety measures are tested, adjusted, and documented using nationally accepted practices.

Related Item

• 4.1.4.1 Pubic Input No 56

Submitter Information Verification

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Submittal Date: Fri May 30 13:00:01 EDT 2025
Committee: VEN-AAA

Public Comment No. 18-NFPA 96-2025 [Section No. 2.3.6]

2.3.6 Other Publications.

ASME, *Boiler and Pressure Vessel Code*, 2023.

Merriam-Webster's Collegiate Dictionary, 11th edition, Merriam-Webster, Inc., Springfield, MA, 2020.

ANSI/SMACNA, HVAC Air Duct Leakage Test Manual, 2nd Edition, 2012

Statement of Problem and Substantiation for Public Comment

Section 7.5.2.1.2 requires performing a leakage test prior to concealment of any portion of a grease duct system, this standard reference would provide the AHJ and installing contractor relevant guidance on how to perform such a test. The Annex section (A.7.5.2.1.2) suggests referring to ASHRAE 154 for guidance, however that standard no longer provides guidance on the light test or other approved equivalent tests, such as pressure testing.

Related Item

• FR-51

Submitter Information Verification

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Submittal Date: Fri May 30 13:00:21 EDT 2025
Committee: VEN-AAA

Public Comment No. 19-NFPA 96-2025 [New Section after 3.3.41]

3.3.41.1 Qualified Person. **A person who, by possession of a recognized degree, certificate, professional standing, or skill, and who, by knowledge, training, and experience, has demonstrated the ability to deal with the subject matter, the work, or the project as acceptable to the AHJ.**

Statement of Problem and Substantiation for Public Comment

Clarification of the definition of a “Qualified Person” is necessary to support consistent enforcement and assist the Authority Having Jurisdiction (AHJ) in evaluating whether an individual possesses the necessary credentials, experience, and technical expertise. Clear criteria are critical to ensure that individuals performing installation, operation, inspection, testing, and maintenance of commercial cooking ventilation systems are competent to do so, given the direct fire and life safety risks involved. NFPA 80 and NFPA 105 both provide this definition to assist AHJs in determining qualification requirements for personnel performing inspections and maintenance of fire and smoke dampers. Incorporating similar language into NFPA 96 promotes consistency across related NFPA standards and aligns the expectations for personnel qualifications.

The addition of the phrase “as acceptable to the AHJ” ensures that enforceable minimum qualifications can be established while preserving the AHJ’s authority to consider regional licensing, certification, or competency programs that meet the intent of the standard. This approach balances national consistency with local flexibility, ultimately improving safety, compliance, and clarity for all stakeholders involved.

Related Item

• Public Input No. 50-NFPA 96-2024 [Section No. 3.3]

Submitter Information Verification

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Committee: VEN-AAA

Public Comment No. 20-NFPA 96-2025 [New Section after 4.1.2]

4.1.2.1 The required rate of airflow, as determined by the most recently approved design documents, of the associated ventilation systems shall be physically verified by a certified qualified person at least every 5 years.

Statement of Problem and Substantiation for Public Comment

The addition of a requirement to physically verify the required rate of airflow at least every five years is necessary to ensure that the ventilation system continues to perform in accordance with its original design intent and to maintain the safety functions directly addressed throughout NFPA 96. While Section 4.1.3 states that various equipment, including fans, shall be kept in working condition and Section 4.1.4 states that airflows shall be maintained, this language alone does not provide sufficient procedural direction for verifying whether systems are still in working condition and operating as originally designed.

Multiple provisions within NFPA 96 are explicitly dependent on proper airflow functioning:

8.2.2.1: Exhaust air volumes must be sufficient to capture and remove grease-laden vapors.

8.2.2.3: Exhaust air volumes may be reduced during no-load conditions, but still must maintain capture of flue gases and vapors.

8.3.1: Replacement air must prevent excessive negative pressure (greater than 0.02 in. w.c.).

12.6.11 Dampers and diffusers shall be positioned for proper airflow

12.6.12 Upon completion of exhaust system inspection and cleaning, all electrical switches and components shall be returned to an operable state

15.6.2 A replacement or makeup air system shall be provided to ensure a positive supply of replacement air at all times during cooking operations.

16.3.2 The airflow switch or transducer shall open the interlock circuit when the airflow falls 25 percent below the system's normal operating flow or 10 percent below its listed minimum rating, whichever is first.

If airflow rates diminish over time due to equipment degradation, changes in system settings, or improper maintenance, these sections may no longer be satisfied, increasing the risk of grease accumulation, combustion hazards, poor indoor air quality, and impaired fire safety performance.

The proposed five-year verification requirement aligns with existing periodic inspection and

maintenance requirements already established in NFPA 96 for other critical fire protection components. For example:

12.2.1 Maintenance of the fire-extinguishing systems and listed exhaust hoods containing a constant or fire-activated water system that is listed to extinguish a fire in the grease removal devices, hood exhaust plenums, and exhaust ducts shall be made by properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction at least every 6 months.

12.3.3 Replacement of Fusible Links.
12.3.3.1 Fusible links on fire damper assemblies shall be replaced at least semiannually or more frequently as necessary.
12.3.3.2 Replacement shall be made by a certified person acceptable to the authority having jurisdiction.

12.4 Inspection for Grease Buildup.
The entire exhaust system shall be inspected for grease buildup by a properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction and in accordance with Table 12.4.

12.6.1 If, upon inspection, the exhaust system is found to be contaminated with deposits from grease-laden vapors, the contaminated portions of the exhaust system shall be cleaned by a properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction.

12.7 Cooking Equipment Maintenance.

12.7.1 Inspection and servicing of the cooking equipment shall be made at least annually by properly trained and qualified persons.

14.6.5 Inspection and testing of the total operation and all safety interlocks in accordance with the manufacturer’s instructions shall be performed by qualified service personnel a minimum of once every 6 months or more frequently if required.

This proposal simply provides equivalent periodicity for verifying the mechanical ventilation performance that directly supports and interacts with these safety features.

The requirement for a certified, qualified person would provide the AHJ much needed guidance on what level of expertise the individual(s) making measurement of critical airflows should have. It also aligns with many existing sections of NFPA 96 utilizing such criteria for critical life safety tasks, such as:

4.2.4.2 In the event of a fire within a kitchen exhaust system, the duct and its enclosure (rated shaft, factory-built grease duct enclosure, or field-applied grease duct enclosure) shall be
inspected by qualified personnel to determine whether the duct and protection method arc structurally sound, capable of maintaining their fire protection function, and in compliance with this standard for continued operation.

7.7.3.3 In the event of a fire within a kitchen exhaust system, the duct, the enclosure, and the covering directly applied to the duct shall be inspected by qualified personnel to determine whether the duct, the enclosure, and the covering directly
applied to the duct are structurally sound, capable of maintaining their fire protection functions, suitable for continued operation, and acceptable to the authority having jurisdiction.

10.2.7.4 Changes or modifications to the hazard area including cooking appliances after installation of the fire-extinguishing systems shall result in re-evaluation of the system design by a properly trained, qualified, and certified person(s).

10.8.2.1 Installation of systems shall be performed only by persons properly trained and qualified to install the specific system being provided.

11.2.3.4 Changes or modifications to the hazard after installation of the fire-extinguishing systems shall result in re-evaluation of the system design by a properly trained, qualified, and certified person(s).

11.6.2.1 Installation of systems shall be performed only by persons properly trained and qualified to install the specific system being provided.

12.1.8 Inspection and maintenance of “other equipment" as allowed in 9.3.1 shall be conducted by properly trained and qualified persons at a frequency determined by the manufacturer's instructions or the equipment listing.

12.2.1 Maintenance of the fire-extinguishing systems and listed exhaust hoods containing a constant or fire-activated water system that is listed to extinguish a fire in the grease removal devices, hood exhaust plenums, and exhaust ducts shall be made by properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction at least every 6 months

12.3.3.2 Replacement shall be made by a certified person acceptable to the authority having jurisdiction.

12.4 Inspection for Grease Buildup. The entire exhaust system shall be inspected for grease buildup by a properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction and in accordance with Table 12.4.

12.5 Inspection, Testing, and Maintenance of listed Hoods Containing Mechanical, Water Spray, or Ultraviolet Devices.
Listed hoods containing mechanical or fire-actuated dampers, internal washing components, or other mechanically operated shall be inspected and tested by properly trained, qualified, and certified persons every 6 months or at frequencies recommended by the manufacturer in accordance with their listings.

12.6.1 If, upon inspection, the exhaust system is found to be contaminated with deposits from grease-laden vapors, the contaminated portions of the exhaust system shall be cleaned by a properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction.

12.6.5 Fire-extinguishing systems shall be permitted to be rendered inoperable during the cleaning process where serviced by properly trained and qualified persons.

12.7.1 Inspection and servicing of the cooking equipment shall be made at least annually by properly trained and qualified persons.

12.7.2 Cooking equipment that collects grease below the surface, behind the equipment, or in cooking

equipment flue gas exhaust, such as griddles, deep-fat fryers, or charbroilers, shall be inspected and, if found with grease accumulation, cleaned by a properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction.

14.6.5 Inspection and testing of the total operation and all safety interlocks in accordance with the manufacturer's instructions shall be performed by qualified service personnel a minimum of once every 6 months or more frequently if required.

In response to the Committee Statement that airflow verification after every cleaning could be impractical (particularly for systems cleaned at very short intervals), this proposal eliminates any requirement for post-cleaning airflow verification. Instead, a fixed 5-year interval balances practicality with safety and system integrity.

The proposed five-year interval is consistent with ASHRAE Standard 62.1, Ventilation for Acceptable Indoor Air Quality, Chapter 8 — Operations and Maintenance, Table 8-1, which establishes a minimum maintenance frequency for verifying ventilation system airflow every five years. Aligning NFPA 96 with this nationally recognized standard ensures technical consistency across related codes and reflects best practices for maintaining the ongoing performance of critical ventilation systems.

Finally, the concern that airflow deficiencies would be evident through visible smoke misses the larger fire safety and health hazard presented by undetected accumulation of grease-laden vapors, which may not always manifest as visible smoke but still present elevated fire risks, occupational exposure hazards, and code non-compliance.

This proposal ensures that airflow performance—a foundational component of commercial kitchen fire safety—is systematically verified on a routine basis, consistent with the thorough and balanced approach NFPA 96 already takes for other system components.

Related Item

• Public Input No. 56-NFPA 96-2024 [New Section after 4.1.4]

Submitter Information Verification

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Submittal Date: Fri May 30 16:49:58 EDT 2025
Committee: VEN-AAA

Public Comment No. 15-NFPA 96-2025 [Section No. 4.1.5.1]

4.1.5.1*

The responsibility for inspection, testing, maintenance, and cleanliness of the ventilation control, fire protection, and cooking appliances of the commercial cooking operations shall be that of the equipment owner.

4.1.5.2

Owner visual inspection for cooking operations shall comply with the minimum safety guidelines as detailed in the International Kitchen Exhaust Cleaning Association M10 Standard, Standard for the Methodology for Maintenance of Commercial Cooking Operations, 2nd Edition 2023

Statement of Problem and Substantiation for Public Comment

The International kitchen Exhaust Cleaners Association is an ANSI Accredited National Standards Developer that develops Standards for the Maintenance, Cleaning, and Inspection of Commercial Cooking Operations. Working in conjunction with the National Fire Codes these Standards provide minimum safety guidelines on how to perform the requirements as prescribed in NFPA 96. The M10 Standard was developed as a minimum safety guideline for owners and operators requiring visual inspection of operating systems prior to, during, and after cooking shifts or operations. It is currently a National Safety Standard addressing guidelines and provides a reference source to owners, operators, shift personnel, and other interested parties

Related Item

• 4.1.5.2

Submitter Information Verification

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Submittal Date: Tue May 20 11:51:22 EDT 2025
Committee: VEN-AAA

Public Comment No. 4-NFPA 96-2025 [Section No. 9.3.7]

9.3.7

If the heat source is non-electric and open flames are used, at least one listed carbon monoxide alarm shall be installed in both the kitchen and dining areas.

A.9.3.7 Listing requirements for carbon monoxide alarms are contained in UL 2034 *Single or Multiple Station Carbon Monoxide Alarms* and UL 2075 *Gas and Vapor Detectors and Sensors for carbon monoxide detectors* . Installations should be in accordance with the product's installation instructions and NFPA 72. The kitchen operator should work with the building owner and review all relevant local codes and laws, such as the fire and plumbing codes, to determine the type of CO detection device to be used. At a minimum an AC powered battery backed up CO alarm should be considered.

Statement of Problem and Substantiation for Public Comment

This was a task group request to review the language of the annex materials.

The main code sections 9.3.7 and 17.10.1 should be revisited to modify the language from the word "detector" to include other types of Carbon Monoxide detection devices such as alarms. The word "detector" is defined by NFPA 72 (2025 edition - Section 3.3.79.5). This definition includes the ability to connect to a signaling circuit. This in essence requires a complete system with a control panel. "CO Alarms" on the other hand have a different NFPA 72 definition (2025 edition - Section 3.3.11.1). The CO alarm can be single or multiple station. This allows the alarms to be a standalone device with a dedicated power supply either battery, AC power, or a combination of both.

Related Item

• FR39

Submitter Information Verification

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Submittal Date: Mon Mar 31 14:34:41 EDT 2025
Committee: VEN-AAA

Public Comment No. 13-NFPA 96-2025 [Section No. 12.4]

12.4* Inspection for Grease Buildup.

The entire exhaust system shall be inspected for grease buildup by a properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction and in accordance with Table 12.4.

Table 12.4 Schedule of Inspection for Grease Buildup

Type or Volume of Cooking	Inspection Frequency
Systems serving solid fuel cooking operations	Monthly
*Systems serving high-volume cooking operations	Quarterly
Systems serving moderate-volume cooking operations	Semiannually
†Systems serving low-volume cooking operations	Annually

*High-volume cooking operations include 24-hour cooking, charbroiling, and wok cooking.

†Low-volume cooking operations include churches, day camps, seasonal businesses, and senior centers.

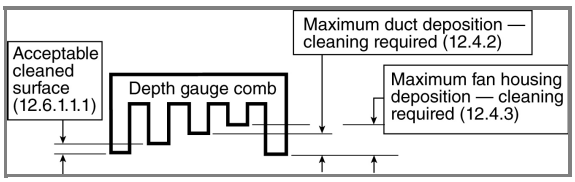
12.4.1 New and renumber remaining

Inspection for Grease Buildup shall Comply with ANSI / IKECA I10 Standard for the Methodolgy for Inspection of Commercial Cooking Exhaust Systems

12.4.1

A grease depth gauge comb, as shown in Figure 12.4.1, shall be placed on the surface to measure grease depth.

Figure 12.4.1 Depth Gauge Comb.



12.4.2

Where a measured depth of 0.078 in. (2000 µm) is observed on a surface other than in fan housings, the surfaces shall be cleaned in accordance with 12.6.1.

12.4.3

Where a measured depth of 0.125 in. (3175 µm) is observed in a fan housing, the surfaces shall be cleaned in accordance with 12.6.1.

Statement of Problem and Substantiation for Public Comment

A move should be made to have the following sections moved from the Annex to the body of the NFPA 96 to clearly accommodate AHJ's and other interested parties seeking guidance. Often we get inquiries from AHJ's and other interested parties in possession of the standard but don't know to seek this guidance from the Annex section. The I10 Standard is a Nationally recognized accredited standard widely adopted by Authorities Having Jurisdiction (AHJ)

Related Item

- 12.4

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Submittal Date: Tue May 20 11:08:45 EDT 2025
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Public Comment No. 8-NFPA 96-2025 [New Section after 12.6.1.1]

TITLE OF NEW CONTENT

Commercial Cooking Exhaust Systems shall be cleaned in compliance with ANSI/ IKECA C10, Standard for the Methodology for Cleaning of Commercial Cooking Exhaust Systems or Equivalent Standard

Statement of Problem and Substantiation for Public Comment

A move should be made to have the following sections moved from the Annex to the body of the NFPA 96 to clearly accommodate AHJ's and other interested parties seeking guidance. Often we get inquiries from AHJ's and other interested parties in possession of the standard but don't know to seek this guidance from the Annex section. The C10 Standard is a Nationally recognized accredited standard widely adopted by Authorities Having Jurisdiction (AHJ)

Related Item

• 12.6.1.1

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Submittal Date: Wed May 07 11:31:33 EDT 2025
Committee: VEN-AAA

Public Comment No. 5-NFPA 96-2025 [Section No. 17.10.1]

17.10.1

If the heat source is non-electric and open flames are used, at least one listed carbon monoxide alarm shall be installed in the kitchen area.

A.17.10.1 Listing requirements for carbon monoxide alarms are contained in UL 2034 *Single or Multiple Station Carbon Monoxide Alarms* and UL 2075 *Gas and Vapor Detector s and Sensors for carbon monoxide d etectors* . Installations should be in accordance with the product's installation instructions and NFPA 72. The kitchen operator should review all relevant local codes and laws, such as the fire and plumbing codes, to determine the type of CO detection device to be used. Due to the nature of the mobile and temporary cooking operations, a minimum battery powered CO alarm should be considered.

Statement of Problem and Substantiation for Public Comment

Task Group was tasked to review the Annex language.

The main code sections 9.3.7 and 17.10.1 should be revisited to modify the language from the word "detector" to include other types of Carbon Monoxide detection devices such as alarms. The word "detector" is defined by NFPA 72 (2025 edition - Section 3.3.79.5). This definition includes the ability to connect to a signaling circuit. This in essence requires a complete system with a control panel. "CO Alarms" on the other hand have a different NFPA 72 definition (2025 edition - Section 3.3.11.1). The CO alarm can be single or multiple station. This allows the alarms to be a standalone device with a dedicated power supply either battery, AC power, or a combination of both.

Related Item

• FR40

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Committee Input No. 28-NFPA 96-2024 [Global Input]

Review the document of where the requirements call out "or Canada"

Submitter Information Verification

Committee: VEN-AAA
Submittal Date: Mon Sep 09 16:38:01 EDT 2024

Committee Statement

Committee Statement: The "or Canada" statements in the requirements are only found NFPA 96, the technical committee would like feedback on if the phrase can be removed.
Response Message: CI-28-NFPA 96-2024

Ballot Results

This item has not been balloted