



**Committee on
Nuclear Air and Gas Treatment**

**Supplement to
Procedures for ASME Codes and
Standards Development Committees**

Revision 5

BNCs Approved: 5/16/19

Committee on Nuclear Air and Gas Treatment Procedures

These procedures supplement the Procedures for ASME Codes and Standards Development Committees, latest Revision as posted on C&S Connect, as provided for in Paragraph A.3 of the Procedures.

1.0 Charter (Ref. 1.1)

To develop, review, maintain, and coordinate codes and standards for design, fabrication, installation, testing, and inspection of equipment and systems used in air and gas treatment for nuclear facilities. As used herein “gas treatment” includes both HVAC and gas processing.

- a. HVAC – the moving and conditioning of air which is supplied, exhausted, or recirculated into and from an enclosed space to maintain prescribed ambient conditions. These conditions include pressure, temperature, humidity, and contaminants.
- b. Gas processing – the transportation of gas and the separation, isolation, and disposal of its constituents by physical, mechanical, chemical, delay, electrical, and thermodynamic means.

2.0 Number of Members (Ref. 3.1)

- a. The consensus committee shall consist of no more than 40 voting members.
- b. The number of members from a single organization serving on the consensus committee at the same time shall not exceed that specified in the table below:

Number of Consensus Committee Voting Members	Maximum Number of Members from a Single Organization
≤ 20	2
21-29	3
≥ 30	4

- c. If the consensus committee has more than one member from a single organization, the following requirements shall also be met:

All but one of the members shall be a sub-tier committee chair or a liaison representative; or all of the members shall provide different expertise considered necessary to the committee.

3.0 Member Interest Categories (Ref. 3.2.5 and the Guide to Procedures for ASME Codes and Standards Development Committees)

The member interest categories for the committee are defined as follows:

- a. Manufacturer (AK) An organization producing components, parts, or appurtenances.
- b. Materials Manufacturer (AM) An organization producing or supplying material.
- c. Owner (AO) An organization owning or operating a facility where items are installed or used.
- d. Constructor (AA) An organization performing facility erection or installation of items.

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| e. Designer (AB) | An organization performing design and design related services. |
| f. Regulatory (AT) | An agency or organization that regulates or enforces activities associated with design, manufacture, installation and examination of items or operation of facilities. |
| g. Inspection (AH) | An insurance organization empowered by an enforcement authority to provide independent inspection personnel and services related to the manufacture, installation, inservice inspection, and testing of items. |
| h. Laboratory (AI) | An organization whose primary function is to perform research and development, or an organization furnishing testing and examination services. |
| i. Consultant (AU) | An individual who has expert knowledge or experience in the Committee’s scope of work, and provides expert advice professionally. |
| j. General Interest (AF) | Educators, individuals from a technical society or other society, and public interest persons not specifically covered by other categories defined above. |

Each member of the standards committee shall be assigned an interest category defined in (a) through (j) above. It is not required that all interest categories be represented on the standards committee.

4.0 Membership Classifications (Ref. 3.4 and the C&S Committee Handbook)

The CONAGT Standards Committee has adopted the membership classification that are listed in the C&S Committee Handbook. The classifications and applicability to CONAGT are also listed in the attached Table 4.0.

5.0 Subordinate Groups (Ref. 5.2)

Subcommittees or other subordinate groups shall be established and assigned technical responsibility for the various AG-1 Code Sections and other Standards. The subcommittee organization and division of responsibility is delineated in the attached Table 5.0.

6.0 Project Teams (Ref. 5.3)

The standards committee will review the status of proposed standards actions, including Project Teams assignments at each meeting. This review signifies acceptance of the Project Team make up by the standards committee.

A project administrative manager (ASME Staff Member) is not required for all project teams.

7.0 Interpretations (Ref. 6.1.6, 10.2)

Inquiries shall be accepted and Interpretations shall be provided for the following documents:

ASME AG-1, Code on Nuclear Air and Gas Treatment

ASME N509, Nuclear Power Plant Air-Cleaning Units and Components

ASME N 510, Testing of Nuclear Air Treatment Systems

ASME N 511, In-Service Testing of Nuclear Air Treatment, Heating, Ventilating and Air Conditioning Systems.

Generally, the method used will be the special committee method (Ref. 10.3(b)). The Standards Committee Chair shall appoint the members of the special committee and the Secretary will confirm that the balance requirements of paragraph 10.3(b) are met.

8.0 Cases (Ref. Para. 8 of the Guide to Procedures for ASME Codes and Standards Development Committees)

The standards committee will issue Cases as required.

Table 4.0: Member Classifications and Expectations

Member Classification	Description	Expectations ⁽¹⁾	Privileges
Member	An individual that is self sponsored or sponsored by an employer, representing a particular interest category, and capable of attending all scheduled meetings. May be a member of a standards committee, and/or one of its subtier committee(s).	<ol style="list-style-type: none"> Attend scheduled meetings. [Attendance or absence at committee meetings affects quorum at meetings.] Participate on all ballots Take on work assignments as directed by committee Chair Actively participate on committee discussions 	<ol style="list-style-type: none"> Listed on committee roster in AS-11 and standard membership listing Receives complementary copies of Codes and Standards pertinent to committee work Full access to C&S Connect and all of its features
Delegate ⁽²⁾	Represents a group located outside the U. S. and Canada. Must be fluent in English, and have a working knowledge of the technical aspects of the committee's work. Delegates may be appointed to standards committees, and all of its subordinate committees. A delegate is not a member of the consensus committee.	<ol style="list-style-type: none"> Attendance at scheduled meetings optional; participation via teleconference desired. [Attendance or absence at meetings does not affect quorum at meetings.] Relative to the standards committee, participate on a first consideration ballot. Participate on all review and comment ballots Take on work assignments as directed by committee Chair 	<ol style="list-style-type: none"> Listed on committee roster in AS-11 and Code Book membership listing Receives complementary Codes and Standards pertinent to committee work Full access to C&S Connect and all of its features.
Contributing Member	An individual that is self sponsored or sponsored by an employer and whose contribution to a committee is in the form of technical comment and review of proposals. Attendance at committee meetings is neither expected nor required. In addition the frequency of technical comment and review of items is by matter	<ol style="list-style-type: none"> Attendance at scheduled meetings optional; participation via teleconference optional. [Attendance or absence at meetings does not affect quorum at meetings.] A Contributing Member does not vote (approved/not-approved) on committee ballots. 	<ol style="list-style-type: none"> Listed on committee roster in AS-11 and standard membership listing as "Contributing Member". Full access to C&S Connect and all of its features. Complementary copies of standard(s) provided per discretion of committee Chair.

Member Classification	Description	Expectations ⁽¹⁾	Privileges
	of agreement between the Contributing Member and the committee Chair.	3. Has the option to participate on all review and comment ballots.	
Alternate	An individual that is self sponsored or sponsored by an employer who substitutes for an existing committee member at meeting(s) or to vote on ballot(s).	Same expectations as the member. Approved/Not Approved votes counted in final tally only if alternate’s member does not submit vote, though any comments will be considered.	Receives the same privileges as the member.
Representative	When a member is unable to attend a meeting or portions of a meeting, he or she may ask a Representative to sit in for them at the meeting. The Representative may participate in all committee business, with the exception of standards action.	N/A	N/A
Interested Party [This classification will not be used by CONAGT]	An individual who has expressed interest in the work of one or more committees, and by agreement with the committee Chair and ASME Staff receives committee correspondence (Agendas, minutes, etc.).	1. Does not vote on committee ballots. 2. By mutual agreement may be assigned a committee work item by the Chair.	Receives committee correspondence in the form of agendas, minutes, etc.

Notes to Table 4.0:

(1) The Chair of the CONAGT Standards Committee, with input from the CONAGT Executive Committee, will evaluate the performance of the members making up the committee based on the expectations identified in the Table. The following are the key performance criteria for CONAGT Members:

Attendance: ≥ 75% of all meetings

Participation on Ballots for Approval: ≥ 90%

Participation on review/comment ballots: ≥ 75%

Participation at meetings will be based on a 5 year rolling average. Letter ballot participation will be on a 2 year rolling average.

(2) The intent of the ASME Delegate Program is to allow representatives of organized groups of interested experts, located outside of the U.S. and Canada, to participate in the ASME codes and standards development process. The Delegate Program is for organizations that have a specific

technical interest in an ASME code or standard, including trade and manufacturers' associations, user groups, national standards committees, or any other organizations responsible for oversight of a particular industry.

Each group must be open to membership by qualified experts who wish to join. When applying to ASME for appointment of a Delegate, the group must describe its organization and purpose in writing. The group shall provide to ASME the names and affiliations of the technical experts that will be working with the Delegate to provide the group's input to the ASME committee. Periodically, this information will be updated.

Each group must select a single individual (Delegate) to represent its interests and provide collective group comments on committee standards actions. Delegates must have fluency in the English language and a working knowledge of the technical aspects of the committee's work. Delegates may request appointment on the Standards Committee and any of its subordinate committees.

Table 5.0 Subcommittees - Division of Responsibility

Subcommittee	AG-1 Code Section and Standard Responsibility
Subcommittee on General Support Services	AG-1 Section AA – General Requirements/Common Articles
	AG-1 Section AB - System Design
Subcommittee on Adsorption	AG-1 Section FD – Type II Adsorbers
	AG-1 Section FE – Type III Adsorbers
	AG-1 Section FF – Adsorbent Media
	AG-1 Section FH – Other Adsorbers
Subcommittee on Filtration	AG-1 Section FA – Moisture Separators
	AG-1 Section FB – Medium Efficiency Filters
	AG-1 Section FC – HEPA Filters
	AG-1 Section FI – Metal Medium Filters
	AG-1 Section FJ – Low Efficiency Filters
	AG-1 Section FK – Special HEPA Filters
	AG-1 Section FL – Sand Filters
	AG-1 Section FM – High Strength HEPA Filters
	AG-1 Section FN – HEPA Media
	AG-1 Section FO – Ceramic Filters
Subcommittee on Common Equipment	AG-1 Section BA – Fans and Blowers
	AG-1 Section DA – Dampers and Louvers
	AG-1 Section FG – Mounting Frames
	AG-1 Section HA – Housings
	AG-1 Section IA – Instrumentation and Controls

	AG-1 Section SA - Ductwork
Subcommittee on Ventilation Air Conditioning	AG-1 Section CA – Conditioning Equipment AG-1 Section RA – Refrigeration Equipment
Subcommittee on Gas Process Treatment	AG-1 Section GA – Heat Exchangers AG-1 Section GB – Noble Gas Hold-Up Equipment AG-1 Section GC – Compressors AG-1 Section GE – Hydrogen Recombiners AG-1 Section GF – Gas Sampling AG-1 Section GG – Scrubbers AG-1 Section GH – Cyclones AG-1 Section GJ – Filters AG-1 Section GK – Mist Eliminators AG-1 Section GM – Adsorbent Media
Subcommittee on Testing and Inspection	AG-1 Section TA - Field Testing of Air Treatment Systems AG-1 Section TB – Field Testing of Gas Processing Systems ASME N511 – In-service Testing of Nuclear Air Treatment, Heating, Ventilating, Air-Conditioning Systems
Subcommittee on Technology	Not Applicable