



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

PRINCIPAL MOTIONS

Board of Directors Meeting

June 27-28, 2001

- No. - Pg. Motion ~~strike through~~ = deletion, double underlining = addition
- 2 - 2 that the appropriate and required bank resolutions for institutions in which ASHRAE funds are deposited as executed by officers for 2001-2002 be approved.
- 3 - 3 that ROB Book 2, Election and Appointment Procedures, be waived to allow the following individuals, who have not held the grade of Member for three years, to serve as regional vice chairs on grass roots committees:
- Michael J. Korcal – Student Activities Committee
Kurt G. Lyles – Student Activities Committee
Ronald P. Johnson – Student Activities Committee
Mark D. Calhoun – TEGA Committee
- 4 - 3 that the Board of Directors approve 2001-2002 standing committee appointments.
- 5 - 4 that the Board of Directors approve President Coad's appointment of Board subcommittees for ALI, council and elected committee nominations as reported.
- 6 - 4 that the Board of Directors approve President Coad's appointment of members and alternates to the 2001-2002 Appeals Panel for Standards as reported.
- 7 - 4 that the Board of Directors approve President Coad's appointment of 2001-2002 ad hoc committees as reported.
- 8B - 5 that the Board of Directors approve President Coad's appointment of intersociety representatives for 2001-2002 as reported, including appointment of Sally Hooks as the ASHRAE representative to NFPA 5000 series standards activities.
- 9 - 5 that the Board of Directors approve the ASHRAE Region IV Benny Bootle Memorial Scholarship and incorporation of the criteria (see Attachment A of ExCom report) in the "Special Considerations" section of the Scholarship Guidelines.
- 10 - 6 that the Board of Directors recommend to the ASHRAE Foundation that the current \$25,000 yearly contribution [to the ASHRAE Learning Institute] be increased to \$50,000.
- 11 - 6 that the Board of Directors approve the Certification Program at the Fundamentals level as defined in Appendix C (of ALI report).
- 12 - 7 that the V.I.T. Pune Student Branch, located in Maharashtra, Pune, India and sponsored by three ASHRAE members (M.R. Khadikar, Aarvind G. Surange, and R.P. Paranjpey) be chartered.
- 13 - 7 that the Sri Lankan Chapter located in the city of Colombo whose boundaries will be the country of Sri Lanka be chartered.
- 14 - 7 that the Laguna Section located in Torreon, Mexico and sponsored by the Monterrey Chapter be chartered.
- 15 - 7 that the Spokane Community College Student Branch name be changed to the Community College of Spokane.
- 16A - 7 that consent items 1 and 4-8 of the Member Council report be approved:
1. that Branislav B. Todorovic, Ph.D., University of Belgrade, receive the 2002 E. K. Campbell Award of Merit.

4. that Section 6.1.1 of the Membership Promotion Committee BAR be revised as shown below.
- 6.1.1 This committee shall consist of ~~16~~ 17 voting members: a chair, two vice chairs plus one committee vice chair from each region and one member outside the U.S. and Canada. In addition, a BOD ex-officio member and a coordinating officer are assigned.
5. that the Lincoln Bouillon Award Score Sheet/Ballot included in Appendix A of the Membership Promotion Committee BAR be revised as follows.
1. Statistical Performance (Enter statistical score from LBA Statistical Data Sheet ~~on Line 4.~~)
6. that paragraph 5.8 of the C&BL BAR be revised as follows:
- 5.8 This committee shall review the Rules of the Board ~~annually~~ to look for discrepancies between the Rules of the Board and the way the Society is operating. When such discrepancies are discovered, the C&BL Committee shall report them to the Society President along with recommendations as to how such discrepancies can be eliminated.
7. that SPO 1.5 Action Plan as shown in Attachment C (of Member Council report) be approved as completed.
8. that the Scope and Purpose, 3.3.4, Meetings Arrangements of the Member Council Board Approved Rules be revised to read as follows:
- 3.3.4 **Meetings Arrangements** – This committee shall maintain and encourage the interest of all regions in presenting invitations for Society meetings, ~~studies~~ the suitability of locations for the winter and annual meetings of the Society, determines that proper facilities are available, and makes its recommendations to the Member Council; it shall also coordinate the Society's relationship to other industry activities such as expositions, shows, winter meetings, with the ASHRAE/ARI Joint Exposition, and the like, related to the arts and sciences of heating, refrigeration, air conditioning, and ventilation. (ROB 520-148-002)
- 17 - 8 that Appendix A of the H&A Committee BAR be revised in accordance with Attachment A (of Member Council report).
- 18 - 9 that Appendix B of the H&A Committee BAR be revised in accordance with Attachment B (of Member Council report).
- 20 - 9 that the Honors and Awards Committee Chair be available to the Executive Session of the Board meeting during the Honors and Awards discussion in order to answer questions about particular candidates.
- 21 - 10 that permission be granted for the Hawaii Chapter to produce an ASHRAE logo encircling an hibiscus on a golf shirt for the Honolulu meeting 2002.
- 22B - 10 that the Board of Directors approve revisions to the Historical Committee BAR as follows:
- ~~6.2.2 It is recommended that no more than one professional educator be appointed to membership.~~
6.2.32 It is recommended that at least one committee member ~~be from Canada and one member~~ be from outside the United States ~~and Canada.~~ (96-02-22-51)
- 23 - 11 that the Board of Directors approve the following changes to the title, purpose and scope (TPS) of draft ASHRAE Standard 62.2, "Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings."

1. Purpose
This standard defines the roles of and minimum requirements for mechanical and natural ventilation systems and the building envelope intended to provide acceptable indoor air quality in low-rise residential buildings.
 2. Scope
This standard applies to spaces intended for human occupancy within single-family houses and multifamily structures of three stories or fewer above grade, including manufactured and modular houses. This standard does not apply to transient housing such as hotel, motels, nursing homes, dormitories or jails.
 - 2.1 This standard considers chemical, physical and biological contaminants that can affect air quality. Thermal comfort requirements are not included in this standard (see ANSI/ASHRAE Standard 55-1992).
 - 2.2 While acceptable indoor air quality is the goal of this standard, it will not necessarily be achieved even if all requirements are met due to the following reasons:
 - a. because of the diversity of sources and contaminants in indoor air and the range of susceptibility in the population;
 - b. because of the many other factors that may affect occupant perception and acceptance of indoor air quality, such as air temperature, humidity, noise, lighting and psychological stress;
 - c. if the ambient air is unacceptable and this air is brought into the building without first being cleaned. (Cleaning ambient outdoor air is not required by this standard.); ~~or~~
 - d. if the system(s) are not operated and maintained as designed or
 - e. when high-polluting events occur.
 - 2.3 This standard does not address unvented combustion space heaters.
- 24 - 12 that section 6.2.2 be added to the Resource Development Committee's BAR to read:
- 6.2.2 Non-voting Members
Manager, Government Outreach – Washington, DC office
- 25B - 13 that contributions be "additive" to the committee's budget for the fiscal year in which they are donated with any unused funds moved into a committee reserve fund at the end of the year.
- 26 - 13 that a Region-at-Large be formed to replace the International Committee effective July 1, 2001, in accordance with the general directive of the attached plan. (Plan in Attachment L)
- 27 - 15 that the Board of Directors approve David Arnold as the interim Regional Chairman for the Region-at-Large for the 2001-2002 Society year.
- 28A - 15 that consent items 1 and 3-18 of the Technology Council report be approved.
1. that the Board of Directors approve publication of BSR/ASHRAE Addendum *b* to ANSI/ASHRAE Standard 15-1994, *Safety Code for Mechanical Refrigeration*, subject to a 15-day BOD appeals period.
 3. that the Board of Directors approve publication of BSR/ASHRAE Addendum *s* to ANSI/ASHRAE Standard 34-1997, *Designation and Safety Classification of Refrigerants*, subject to a 15-day BOD appeals period.
 4. that the Board of Directors approve publication of BSR/ASHRAE Addendum *t* to ANSI/ASHRAE Standard 34-1997, *Designation and Safety Classification of Refrigerants*, [subject to a 15-day BOD appeals period].
 5. that the Board of Directors approve publication of BSR/ASHRAE/AMCA Addendum *a* to ANSI/ASHRAE Standard 51-1999/ANSI/AMCA Standard 210-1999, *Laboratory Methods of Testing Fans for Aerodynamic Performance Rating*, subject to a 15-day BOD appeals period.

6. that the Board of Directors approve publication of BSR/ASHRAE Addendum *q* to ANSI/ASHRAE Standard 62-1999, *Ventilation for Acceptable Indoor Air Quality*, subject to a 15-day BOD appeals period.
 7. that the Board of Directors approve publication of BSR/ASHRAE Addendum *s* to ANSI/ASHRAE Standard 62-1999, *Ventilation for Acceptable Indoor Air Quality*, subject to a 15-day BOD appeals period.
 8. that the Board of Directors approve publication of BSR/ASHRAE Standard 87.3, *Method of Testing Propeller Fan Vibration-Diagnostic Test Method*, subject to a 15-day BOD appeals period.
 9. that the Board of Directors approve publication of BSR/ASHRAE/IESNA Addendum *ad* to ANSI/ASHRAE/IESNA Standard 90.1-1999, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, subject to a 15-day BOD appeals period.
 10. that the Board of Directors approve publication of BSR/ASHRAE/IESNA Addendum *af* to ANSI/ASHRAE/IESNA Standard 90.1-1999, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, subject to a 15-day BOD appeals period.
 11. that the Board of Directors approve publication of BSR/ASHRAE/IESNA Addendum *ah* to ANSI/ASHRAE/IESNA Standard 90.1-1999, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, subject to a 15-day BOD appeals period.
 12. that the Board of Directors approve publication of BSR/ASHRAE Addendum *l* to ANSI/ASHRAE Standard 90.2-1993R, *Energy Efficient Design of New Low-Rise Residential Buildings*, subject to a 15-day BOD appeals period.
 13. that the Board of Directors approve publication of BSR/ASHRAE Standard 127P, *Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners*, subject to a 15-day BOD appeals period.
 14. that the Board of Directors approve publication of BSR/ASHRAE Standard 128P, *Method of Rating Unitary Spot Air Conditioners*, subject to a 15-day BOD appeals period.
 15. that the Board of Directors approve publication of BSR/ASHRAE Standard 133P, *Method of Testing Direct Evaporative Air Coolers*, subject to a 15-day BOD appeals period.
 16. that the Board of Directors approve publication of BSR/ASHRAE Addendum *c* to ANSI/ASHRAE Standard 135-1995, *BACnet – A Data Communication Protocol for Building Automation and Control Networks*, subject to a 15-day BOD appeals period.
 17. that the Board of Directors approve publication of BSR/ASHRAE Addendum *d* to ANSI/ASHRAE Standard 135-1995, *BACnet – A Data Communication Protocol for Building Automation and Control Networks*, subject to a 15-day BOD appeals period.
 18. that the Board of Directors approve publication of BSR/ASHRAE Addendum *e* to ANSI/ASHRAE Standard 135-1995, *BACnet – A Data Communication Protocol for Building Automation and Control Networks*, subject to a 15-day BOD appeals period.
- 29 - 16 that consent item 2 of the Technology Council report be approved:
2. that the Board of Directors approve publication of BSR/ASHRAE Standard 25-1990R, *Method of Testing Forced Convection and Natural Convection Air-Coolers for Refrigeration*, subject to a 15-day BOD appeals period.

- 30 - 17 that the Board of Directors approve publication of BSR/ASHRAE Addendum *j* to ANSI/ASHRAE Standard 62-1999, *Ventilation for Acceptable Indoor Air Quality*, subject to a 15-day BOD appeals period.
- 31 - 17 that the Board of Directors approve publication of BSR/ASHRAE Addendum *l* to ANSI/ASHRAE Standard 62-1999, *Ventilation for Acceptable Indoor Air Quality*, subject to a 15-day BOD appeals period.
- 32 - 17 that the Board of Directors approve publication of BSR/ASHRAE Addendum *m* to ANSI/ASHRAE Standard 62-1999, *Ventilation for Acceptable Indoor Air Quality*, subject to a 15-day BOD appeals period.
- 33 - 17 that the Board of Directors approve publication of BSR/ASHRAE Addendum *w* to ANSI/ASHRAE Standard 62-1999, *Ventilation for Acceptable Indoor Air Quality*, subject to a 15-day BOD appeals period.
- 34 - 17 that the Board of Directors approve publication of BSR/ASHRAE/IESNA Addendum *q* to ANSI/ASHRAE/IESNA Standard 90.1-1999, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, subject to a 15-day BOD appeals period.
- 35 - 18 that the Board of Directors approve publication of BSR/ASHRAE/IESNA Addendum *am* to ANSI/ASHRAE/IESNA Standard 90.1-1999, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, subject to a 15-day BOD appeals period.
- 36 - 18 that the Board of Directors grant AMCA lead status for ANSI/ASHRAE Standard 51-1999/ANSI/AMCA Standard 210-1999, *Laboratory Methods of Testing Fans for Aerodynamic Performance Rating*, pending negotiation of contract details.
- 37 - 18 that ASHRAE be involved in the October 2001 satellite broadcast regarding Standard 90.1.
- 38C - 19 that ROB 100-114-001 be revised as follows:

METRIC UNITS POLICY

The metric units use or application policy shall include, as a minimum, time-dated directions on the use of SI and I-P in all ASHRAE publications. (~~ROB 100-114-002~~)

TC 1.6 shall serve as the authority on SI and I-P usage and application.

Research Projects, Standards and Guidelines, Special Publications, Insight articles, Journal articles, and Handbooks shall be prepared using ~~inch-pound (I-P) units~~ the International System of Units (SI) and/or ~~the International System of Units (SI)~~ inch-pound units (I-P) in formats approved by the Publishing Council.

The Publishing Council shall review annually the approved formats to be used in ASHRAE publications – considering suggestions from members, ~~Technical Committees/Task Groups/Technical Resource Groups, Standards Standard Project Committees, Research and Technical Committee Committees, Journal, Handbook, and other General Committees and committees~~, and shall establish any changes in the approved formats.

The Publishing Council shall consider this metric Units Policy annually and shall recommend to the Board of Directors the formats to be used in ASHRAE publications.

- (a) The format for ASHRAE publications shall be dual units, except in cases determined by the Publishing Council, where two separate versions are to be published, where one is rational I-P SI and the other is rational SI I-P. For selected ASHRAE Standards and Guidelines, the Standards Committee may approve use of SI units only.

(b) In dual unit publications, the units used in calculating the work being reported shall be listed first. The alternate system of units should follow in parenthesis. Authors shall round off equivalents in the alternate system of units so that they imply the same accuracy as is implied with primary units.

(c) Exceptions require the approval of the Director of Communications and Publications.

All future Handbook volumes shall be published in separate ~~I-P and SI~~ SI and I-P editions.

- 39 - 20 that ASHRAE become an endorser of the ARTI 21-CR Program.
- 40 - 20 that the Board of Directors approve an increase in funding of \$20,000 for 1199-TRP “Updating the ASHRAE/ACCA Residential Heating and Cooling Load Calculations Procedures and Data.”
- 41 - 21 that the Board of Directors approve research project 1211 -TRP, “Mechanism for Reaction Between Polyolester Lubricant and Ferrous Metals” to the University of Dayton for a period of 14 months at a total cost to ASHRAE of \$124,950.
- 42 - 21 that the Board of Directors approve research project 1088-TRP, “Coordinate and analyze inter-laboratory testing of filters under ASHRAE Standard 52.2 to determine the adequacy of the Apparatus Qualification Tests” to Research Triangle Institute for a period of 18 months at a total cost to ASHRAE of \$125,128.
- 43C - 22 that “more” be inserted between “for” and “research” in item 2 on page 2 of the IAQ Position Document and that the revised IAQ Position Document (Appendix EH-A) as amended be accepted and published.
- 44 - 22 that the BOD resolution on Ozone Depletion and Global Warming (Appendix RE-A) dated February 2, 1995 be withdrawn.
- 45 - 22 that Section 4.12 of the TEGA BAR be revised to include:
- 4.12. This committee shall: (95-06-29-40B/98-01-22-48)
Administer chapter refrigeration-oriented activities by disseminating Society technical information to all chapters via respective TEGA RVC in each region.
- 47 - 23 that the Board of Directors give Technology Council guidance as to what point in the high-risk research procedure confidentiality ends.
- 48 - 23 that the following wording be used as disclaimer for ASHRAE published Guidelines:
- NOTICE*
ASHRAE publishes Guidelines in order to provide assistance to interested parties on issues which relate to the design, testing, application and/or evaluation of products, concepts and practices where there may be more than one acceptable approach. Guidelines are not mandatory and only provide one source of information that may be helpful in any given situation.
- 19E - 25 that the Board of Directors review and revise as appropriate the *Guidelines for the Selection of ASHRAE Fellow*.

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