



Memorandum of Understanding



American Society of Heating, Refrigerating and Air-Conditioning Engineers
and
Japan Society of Refrigerating and Air Conditioning Engineers

PURPOSE

In recognition of shared technical interests, the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE) and the Japan Society of Refrigerating and Air Conditioning Engineers (JSRAE) agree to support this Memorandum of Understanding to advance and promote the mutual interests of engineering and built environment professionals.

LIAISON MEETINGS:

Recognizing the importance of communication in organizational collaboration, both organizations commit to hold a liaison meeting (either in person or via conference call) of designated ASHRAE/JSRAE representatives to:

- Ensure ongoing advancement of collaborative projects
- Keep each respective organization informed of major initiatives
- Discuss new opportunities for collaboration

Action items with assigned responsibility shall be recorded at each meeting.

AREAS OF COMMON INTEREST:

ASHRAE and JSRAE opportunities for collaboration include, but are not limited to the following:

- Encourage continuing dialogue between ASHRAE and JSRAE at all levels on issues of importance to engineers and facilities professionals
- Both organizations agree to share products prepared with respective members without impairing the value of membership in either organization
 - Where mutually beneficial, jointly identify, create and implement new products and services including:
 - Regional conferences that encourage the exchange of developing engineering solutions
 - Training and certification programs
 - Joint publications (print and electronic)
- Both organizations agree to proactively explore opportunities to translate ASHRAE technical documents into Japanese and to translate JSRAE technical documents into English.
 - ASHRAE and JSRAE agree to respect each organization's intellectual property rights.
- Each organization agrees to provide the other with:
 - One complimentary VIP registration to the organization's primary annual meeting
 - One complimentary subscription to each printed or electronic magazine



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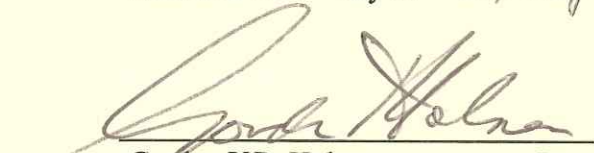
JSRAE

- ASHRAE and JSRAE agree to work together to advance Refrigerant management and other important issues of HVAC&R
 - Each organization will bring its member expertise to bear on establishing a research agenda and prioritizing research projects
- ASHRAE and JSRAE agree to discuss ways to promote adoption and widespread use of codes and standards of mutual interest.

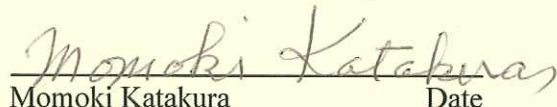
Each organization recognizes the unique and varying concerns of the other and neither organization will interpret or impose conditions herein to prevent the other organization from fulfilling its mission. Each organization will give proper recognition to each other for individual and joint efforts in reporting to their respective membership and to the general public

This MOU reflects a commitment by ASHRAE and JSRAE to continue and enhance their working relationship and individual efforts toward achieving mutual objectives especially those described above. It does not create a binding obligation or agreement between the parties, and neither party has an obligation to negotiate toward or enter into a binding written agreement. In addition, this MOU does not create a partnership, joint venture, fiduciary relationship or similar relationship between ASHRAE and JSRAE. Either party may terminate this MOU, with or without stated cause, upon providing the other party with thirty (30) days written notice of intent to terminate. Furthermore, it is understood that this Memorandum of Understanding is conceived as a dynamic document, meant to change as circumstances and priorities warrant, that it is a beginning point and that any protocol of specific projects and activities developed is intended as an integral part of this understanding.

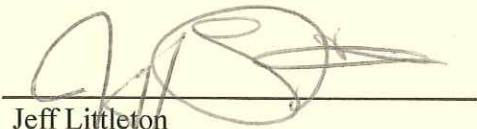
Executed this day of *21, May* 2010



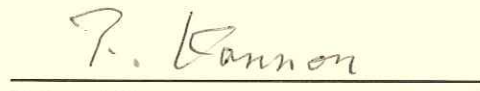
 Gordon V.R. Holness Date
 President, ASHRAE



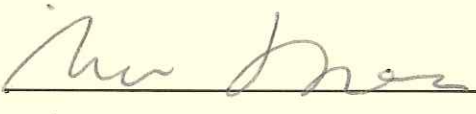
 Momoki Katakura Date
 President, JSRAE



 Jeff Littleton
 Executive Vice President, ASHRAE



 Tatsumi Kannon
 Vice President, JSRAE



 Noboru Kagawa
 Chair of Refrigerant Committee