



Memorandum of Understanding

**ASHRAE
and
Society of Heating, Air Conditioning
and Sanitary Engineers of Japan**

Founded in 1894, ASHRAE, Atlanta, Georgia, advances the arts and sciences of heating ventilating, air-conditioning and refrigeration to serve humanity and promote a sustainable world.

Founded in 1917, the Society of Heating, Air Conditioning and Sanitary Engineers of Japan (SHASE) advances the science of building mechanical service system and environmental engineering including heating, ventilation, air-conditioning and sanitary engineering through education, publications, research, standards, certification and awards.

Building upon 50 years of historical affiliation between the two organizations, ASHRAE and SHASE agree to support the Memorandum of Understanding to advance and promote the mutual interests of their members. We are committed to working together toward on the following activities and goals:

CONSISTENT LEADERSHIP COMMUNICATION

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

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

ASHRAE/SHASE shall take responsibility for initiating the first annual liaison meeting. Action items with assigned responsibilities shall be recorded at each meeting. The parties responsible for ensuring this MOU is actively pursued through the term of the agreement are:

For ASHRAE:

**Mr. Tom Watson
ASHRAE President**

For SHASE:

**Dr. Shinsuke KATO
SHASE President**

CONFERENCES AND MEETINGS

Each organization agrees to provide the other with a meeting invitation and two complimentary registrations for designated Society representatives to the primary annual meeting.

ASHRAE and SHASE agree to explore opportunities to provide speakers at the other organization's meetings to help provide updates and perspectives on technologies and trends of mutual interest.

Where mutually beneficial, each organization shall help publicize the other organization's meetings and promote attendance.

ADVOCACY

Where mutually beneficial and to the extent allowed by laws and corporate policies, ASHRAE and SHASE agree to support each organization's public affairs goals and ideologies where appropriate. During annual liaison meetings, public affairs strategies may be discussed and common goals identified.

Collaborative opportunities to be considered include:

- Promoting mutually beneficial positions during the development and passage government regulations.
- Education of government officials on issues important to the members of each organization.

PUBLICATIONS

Recognizing that electronic and print publications are a primary means of disseminating new technologies, trends and practices, ASHRAE and SHASE agree to:

- Provide at least one complimentary subscription the primary membership periodical to be received at the headquarters location of the other organization.
- Each Society may translate and/or republish journal articles from the other Society as long as prior written permission is provided for each article published. Aggressive use of article translations to facilitate the continuous sharing of technical advancements is strongly encouraged.
- Explore opportunities to jointly produce publications of mutual benefit.
- Cross-market each organization's publications where appropriate and with industry standard distributor discounts.
- Use periodicals to promote the other organization's events, publications and other activities.
- Explore mutually beneficial ways to translate publications from each organization into the other's language.
- Members of each Society may purchase publications of the other Society at member rates.

MEMBERSHIP

ASHRAE and SHASE will review each other's membership requirements and identify ways to streamline application processes for respective members.

EDUCATION

As leading providers of conventional and online educational services and in recognition of the vital role professional development has for our respective members, ASHRAE and SHASE agree to:

- Cross-market educational offerings and the regional, national and international levels.
- Explore opportunities to co-develop new courses or other training programs that take advantage of overlapping and complimentary expertise between ASHRAE and SHASE.
- Discuss ways that certifications programs can be jointly develop or administered.

TECHNICAL ACTIVITIES COORDINATION

ASHRAE and SHASE agree to foster technical cooperation in areas of common interest by:

- Encourage members in each organization to participate on technical committees and task forces.
- Provide opportunities to participate in and comment on proposed standards, guidelines, policies, and position statements developed on technical subjects as they relate to buildings and community developments.
- Establish liaison representatives to key technical committees where mutually beneficial to do so.

RESEARCH

Recognizing the importance research plays in accelerating the transformation to a more sustainable built environment, ASHRAE and SHASE agree to:

- Promote research in areas where research results will add to the body of knowledge in HVAC&R and sustainable buildings.
- Disseminate research results quickly, focusing on high-impact findings.
- Identify opportunities for research funding from other sources.

ADMINISTRATIVE CONTACTS

The administrative contacts for actions tied to this MOU shall be:

For ASHRAE:

Jeff Littleton
Executive Vice President
ASHRAE
1791 Tullie Circle NE
Atlanta, GA 30320
Tel: 404-636-8400
Email: jlittleton@ashrae.org

For SHASE:

Atsushi SUGIYAMA
Secretary General
SHASE
1-8-1 Kitashinjuku, Shinjuku-ku
Tokyo 169-0074 Japan
Tel: +81-3-3363-8261
Email: sugiyama@shase.or.jp

TERMINATION

Either party may terminate this MOU, with or without stated cause, upon providing the other party with ninety (90) days written notice of intent to terminate. SHASE and ASHRAE agree to discuss termination before written notification is provided.

TERM

The Initial term of this Memorandum of Understanding shall begin when signed by both parties and shall last three years. At the end of the initial term, this MOU will automatically renew for successive three-year periods on a continuous basis unless terminated by either party. Any changes to the agreement must be approved in writing by both organizations.

LEGAL STANDING

This MOU reflects a commitment by ASHRAE and SHASE to continue and enhance their working relationship and individual efforts toward achieving mutual objectives described above. It does not create a binding obligation or agreement between the two organizations, and neither organization 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 SHASE. Furthermore, it is understood that this Memorandum of Understanding is conceived as a dynamic document, meant to change as circumstances and priorities warrant. It may be modified or amended by written agreement between both organizations.

FOR ASHRAE

Tom Watson/President

Printed Name/Title

Thomas E. Watson

Signature

January 29, 2013

Date

FOR SHASE

Shinsuke KATO/President

Printed Name/Title

Shinsuke Kato

Signature

January 29, 2013

Date

Jeff Littleton/Executive Vice President

Printed Name/Title

Jeff Littleton

Signature

1-29-2013

Date

Atsushi SUGIYAMA/Secretary General

Printed Name/Title

A. Sugiyama

Signature

1-29-2013

Date