

APPROVED MINUTES
ASHRAE TC 9.2 – Industrial Air Conditioning Technical Committee
Meeting Minutes – Orlando, Florida.
January 26th 2016.

Meeting Location:
Hilton Orlando, Room: Lake Highland B.

Call To Order. Introduction & Acceptance of Previous Meeting Minutes.

1. Meeting was called to order by Chairman Mrs. Jensen at 1:25 pm
2. The Chairman gave opening remarks and call for Introductions.
3. The sign-in sheet was distributed and returned to the Secretary. Members present: Waller Clements, Douglass Abramson, Deep Ghosh, Ravi Ganta, Paul Hernandez, and Eileen Jensen. Corresponding member present: Mike Connor, Kevin Marple, and Bill Lampkin. Guests: Jeff Gatlin.
4. Electronic format attendees: Bill Kumpf and Mike Baucom and Jon Fretthold.

Quorum Status. Determination of Meeting Quorum.

Quorum was established with 6 voting members of 9.

Approval of Minutes from Atlanta.

1. Chair called for acceptance of minutes from Atlanta.
2. Mr. Ghosh states that his last name is spelled wrong; it will be changed to Ghosh.
3. Mr. Abramson moved to accept.
4. Mr. Marple seconds.
5. Motion approved as amended accepted unanimously.

Research Liaison Jeff Gatlin:

1. The Research Liaison visitor states that there are available funds for research, and he is asking the committee to make some proposals since he has been given the go ahead.
2. They are also asking that when a project is finished to give the final information back, in the form of some data so people will be able to use that information and the Members can be aware of what is being researched.
3. The research process is being reviewed to make it a more efficient.
4. There was an efficiency Project going on in Atlanta and they are still working on that. Therefore, they are working on the forms.
There are new training materials for research so the Members can review it on the website.
5. There has been great research on refrigerants and Tom Watson has been active in pursuing this matter.
6. No one was nominated for the research award this time.

Chair Report – Mrs. Jensen:

1. Mrs. Jensen states that the 2015/16 Hightower Award was Steve Duda from TC 4.3 and 9.1.
2. She also states that Erich Binder was also recognized for Distinguished Public Service.
3. There were no nominations for the Service to ASHRAE Research award, so if we know somebody to nominate please do so.
4. She notes that there is an updated website template for all of the TCs to use. She has been working with our webmaster in reviewing the new template. This will be covered later in the meeting under the Webmaster's report.

Membership report – Mrs. Jensen:

1. The only voting member rolling off at the end of this year of the Society will be Ravi Ganta. We can drop to 7 voting members or we can add two people.
2. Douglass Abramson recommends that Mike Connor become one, but he declines for the next period.
3. Douglass Abramson asks Paul Rogers to be included as corresponding member. Mrs. Jensen accepts the proposition.
4. Nobody is interested in becoming a voting member, so we will leave it at 7.

Nuclear Subcommittee – Mr. Abramson.

1. They had their meeting on Monday January 25th, from 2:15 to 4:00 pm.
2. They discussed some things to be assigned to the Handbook Committee Chair representative for the Nuclear Chapter.
3. They are trying to find a Secretary.
4. They also discussed about some program possibilities. It seems that everybody is trying to stay away from nuclear topics, but this is our goal as nuclear topics have impact on ventilation standards and safety requirements for many locations.
5. Approved Minutes from Atlanta will be attached to these Minutes.
6. Mr. Ghosh mentions if there will be necessary to have an official Liaison to NHUG to make the communication between the Society and our Committee more fluent.
7. Mrs. Jensen agree with it. They are going to have more discussion on this matter.

Handbook Programs and Research – Mr. Connor/Mr. Gupta/Mr. Clements/Mrs. Jensen.

1. Mrs. Jensen states that we have nothing planned at the moment for St. Louis, and that February 8th 2016 is the deadline for seminar, forum, and workshop proposals.
2. For 2017 winter Meeting in Las Vegas we have Leon Shapiro to thank for doing a great job and we have two Industrial Tracks for Las Vegas. Track N°4, Commercial and Industrial IAQ, and Track N° 7 is Energy Efficient Industrial Buildings and Life Safety.
3. Mr. Ghosh is planning a workshop on Battery Room Ventilation for Las Vegas.

4. Mr. Connor and Mr. Ghosh were thinking on two conference papers on commissioning versus validation processes. Each of them are making different papers.
5. Mr. Connor mentioned that another point of discussion was on how to make people interested on this in relations to security topics.
6. Mr. Ganta is preparing a Seminar of a case study of water condensation under insulation on chilled water.
7. Mrs. Jensen asks if somebody has another idea the timeline to submit Conference Papers is July 6th, 2016; Seminar Forum and Workshops proposals on August 8th, 2016.

Handbook – Mr. Connor:

1. It was discussed the possibility of sunsetting the Printing Plants chapter and creating a new chapter on pharmaceutical manufacturing facilities.

Research – Mr. Clements:

1. Mrs. Jensen asks Mr. Clements if he has some comments on this item, he says he does not.
2. Mrs. Jensen asks Mr. Clements if he is still interested in being the Subcommittee Chair; by mutual agreement he will continue.
3. Mr. Ghosh mentions that the two research projects on electronic equipment have been completed, but he asks who is responsible for the publication of those works. The conclusion is that the TC is responsible for following through with Society. To date, this still has not been published.
4. Mr. Ganta says that it has to have a guide format to be useful because of the great number of formulas that it has.
5. Mr. Ghosh is saying that on the contrary the formulae are useful, but that the numbers you came up are not useful; it is not like air conditioning, where it is supposed to be easy to go there and get a number from a guide.
6. Mr. Ganta mentions that it is necessary to make estimations and if they have a design guide, they will be able to predesign the installation. He is wondering if somebody may give a little example.

Program Report – Mr. Gupta.

1. This item was already discussed previously.
2. Mike Baucom is asked to write a small paper on hazardous spaces, and he accepts.
3. Mr. Abramson has a request, if we have all these programs approved for Las Vegas, send an email to the committee for them to know they exist and may attend if interested.
4. Mrs. Jensen mentions that we have to speak with the CEC liaison, to avoid having everybody leaving on Tuesday and our presentations are on Wednesday.

Standards – Mr Ghosh.

1. Mr. Ghosh says that they are working on two standards, GPC 21 and SPC 128.

2. He says IEEE found some discrepancies with the formulae in Guideline 21. They had a discussion with ASHRAE and he told them they are under review until June. He asked people on TC 5.8 if they were interested in looking on those documents. He was told to pass the names to ASHRAE and make comments. Mrs. Jensen mentions that the public review is through IEEE and not through ASHRAE.
3. The other Standard is Std. 128. Mr. Ghosh says this TC has been assigned to it but it is based on a copy of a Canadian standard, so they are trying to get the current version of this to review and compare.

Standard 62.1 – Mr. Clements.

1. Mr. Clements says that it is finished and that the 2016 version is being published this year and they are beginning to work on the 2019 version.
2. Mr. Marple says that it will be a good thing to present in Las Vegas.
3. There is some discussion on that this standard does not cover industrial ventilation. They are thinking on Industrial versus Commercial IAQ, as a title to present in Las Vegas.

Standard 90.1 – Mr. Shapiro.

1. Mr. Shapiro could not attend, and he says to Mrs. Jensen that he will not be able to be the 90.1 liaison any more.
2. Mrs. Jensen is asking if someone is interested in taking his place, Mr. Ganta says he will try to do it once and see how it works.
3. Mr. Ghosh says he will speak with the chair of the committee to ask him for the minutes.

Webmaster – Mr. Baucom.

1. Mr. Baucom mentions that ASHRAE has decided to publish a template on the website for all of the Technical Committees to review, but he is concerned on the format of the website. Updates of the roster are automatic based on Society's information, which is typically out of date. He recommended the Chair to continue reviewing our website.
2. The committee viewed a typical webpage, they discuss on some modifications on the webpage, and Mrs. Jensen noted they are correcting them. Mrs. Jensen says that one of the other concerns was if there is a secure area for sharing documents. At the section chair meeting, she mentioned this concern and she was told that it is being updated for it to be more secure. Mrs. Jensen was told at the section chair meeting that there would be a beta test for dynamic roster updates; she requested to be included in the test.

Journal/Ali – Mr. Maxwell.

Mr. Maxwell wasn't able to attend, he had nothing to report.

CTTC – Mrs. Jensen.

1. Mrs. Jensen heard from Mr. Heinrich that he wouldn't be able to attend this meeting but if we have anything to send to the grassroots members, we can send it to him.
2. Mr. Marple says that we need YEA members and Mr. Kumpf proposed to send an email inviting them to attend the meetings. One of the issues is that it costs a lot of money to come to these meetings and not many employers want to pay for this.
3. Mr. Baucom says he attended a YEA meeting and he suggested others try to attend a meeting with them.

Old Business.

We don't have old Business.

New Business.

There is no new business for this meeting.

The Chair then called for Motion to Adjourn – Motion by Mr. Abramson and second by Mr. Marple.

Meeting Adjourned at 3:07 PM.

Sincerely,

Paula Hernández

TC 9.2 Secretary