



## **AGENDA**

**ASHRAE TC 3.4—Lubrication<sup>1</sup>**  
**American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.**  
Hilton 4<sup>th</sup> floor, Grand Ballroom K  
Houston, TX  
Tuesday, June 26, 2017, 1:30 – 3:30 p.m.

### **1. CALL TO ORDER**

Introduction of members and guests

**ACTION:**

### **2. ASHRAE Code of Conduct**

*“Commitment to the ASHRAE Code of Ethics – In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)”*

### **3. AGENDA REVIEW**

**ACTION:**

### **4. MINUTES OF THE LAST MEETING**

Draft minutes of the Jun 2017 meeting in Chicago are posted to the TC 3.4 website

<https://tc0304.ashraetcs.org/>

**ACTION:**

### **5. ROSTER REVIEW AND ANNOUNCEMENTS**

**Voting Members for this meeting (committee terms expire June 30 of year listed):<sup>2</sup>**

### **6. REPORT OF TC CHAIR’S BREAKFAST (Chris Seeton)**

This meeting provides the Section 3 Chairs’ a forum for distribution of current direction and guidelines for any requirements related to ASHRAE activities including technical and research direction, standards, publications, etc.

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<sup>1</sup> TC 3.4 is concerned with all functions and interactions of lubrication in a refrigerant system, including physical and thermodynamic properties of refrigerant lubricant systems, all issues relating to the circulation of lubricants in a refrigerant system, and other lubrication concerns.

<sup>2</sup> Members may retrieve the complete committee roster from the ASHRAE website:  
log on to ASHRAE.org and sign in with your member info (from the “Join or Login” tab at top of page)  
the line “Welcome, [your name]” will appear at the very top of the page; click on “My Account”  
this brings up your “ASHRAE Member Profile”  
click on “Committees” tab (left side of page); this brings up “My Active Committees”  
a line with “T-TAC-TC03.04” should appear; click the “roster” link to download a pdf

## **7. LIAISON COMMENTS**

Jay Kohler – TAC – discussion on Badges for meetings.  
Don Fenton – Handbook  
Steve Kujak - Research

## **8. RESEARCH SUBCOMMITTEE (Greg Smith)**

### **Update:**

- Update from Sunday research subcommittee meeting.

### **Previous meeting ideas**

- Long term research plan:
- Open discussion on ideas for new research.

## **9. PROGRAM SUBCOMMITTEE (Ed Hessel)**

### **Current Program:**

### **Future Programs: (Atlanta Jan 2019)**

### **Future Programs – Program Subcommittee meeting**

## **10. HANDBOOK SUBCOMMITTEE (Julie Majurin)**

### **Update:**

- Handbook committee members include Ed Hessel, Wasim Akrim, Sheli Porter, Chris Seeton, and Scott Wujek.
- Chapter submitted

## **11. STANDARDS SUBCOMMITTEE (Rob Yost)**

### **Update:**

- Standard 86 “Method of Testing the Flocc Point of Refrigeration Grade Oils” – Update from Committee Chair Warren Clough;
- GPC 40 (aka Standard 99) “Refrigeration Oil Description” –
  - Guideline published
- Standard 172P “Method for Test for Insoluble Materials in Synthetic Lubricants and HFC Refrigerant Systems” – Update from Ed Hessel
- SPC 218 “Method of Test for Lubricant and Refrigerant Miscibility Determination” – Update from Committee Chair Brad Boggess
- Previously Discussed Ideas – Guideline on material compatibility of refrigerants, lubricants and system materials
- Open discussion on ideas for new standards.

## **12. WEB SITE (Dave Vincent)**

<https://tc0304.ashraetcs.org>

**13. OLD BUSINESS**

Low GWP MTG update – Joe Karnaz

**14. NEW BUSINESS**

**15. NEXT MEETING**

2018 ASHRAE Annual Meeting; Houston; June 23 – June 27<sup>th</sup>, 2018.

**16. ADJOURN**

Motion: Joe Nigro