

## **REGION XIV FALL CRC MOTIONS**

**Last Revised: 7/21/2017**

### **Hellenic Chapter – Motion 2b (10/14/2016) / Motion 9 (01/31/2017):**

That Society in a 3 year time span implement a policy of having at least one YEA member in every committee.

**Answer:** This motion was postponed until the winter conference in Las Vegas. Staff was assigned an action item to determine how many YEA members participate on Members Council reporting committees. During the Las Vegas conference, this motion failed. It was determined that Chapters would need to recruit members in order to move younger members forward when selecting RVCs. **(Complete)**

### **Region XIV (previously Sub Region B) – Motion 3 (10/14/2016):**

That a “Regional fund of \$5” item be added to the annual HQ dues collection for non-Chapter assigned members to support the work and development of the Region to better serve those members.

**Answer:** This motion was approved. Regional fees of \$5 will be applied to the renewal notice of ASHRAE members not assigned to chapters or sub regions. An action item was assigned to staff to make programming changes. **(Complete)**

### **Region XIV (previously Sub Region B) – Motion 4r (10/14/2016):**

That the term ‘Sister’ when referring to kindred societies be removed.

**Answer:** This motion was referred to the Refrigeration staff to replace the word “Sister” with “Kindred” (or like word) in reference to the refrigeration societies. **(Complete)**

### **Hellenic Chapter – Motion 8g (10/14/2016):**

That Society include a Certification Chapter Chair in the Manual for Chapter Operations (MCO).

**Answer:** This motion failed. Chapters are permitted to have whatever type of committee/chair that is needed in the chapter. Although not a formal position, chapter positions or activities assigned by the chapter president may be entered in the Member Entered Data field for credit on the member’s bio. **(Complete)**

### **Region XIV (previously Sub Region B) – Motion 8j (10/14/2016):**

That Society include each RAL Section President as an observer attending the CRC.

**Answer:** This motion failed. DRCs can use the region’s allotted chapter visits to cover the cost of transportation for section members to attend their region’s CRC. **(Complete)**

### **Region XIV (previously Sub Region B) – Motion 8k (10/14/2016):**

That ASHRAE provide a standard email address for communication for each Chapter, Section and Regional officer.

**Answer:** This motion failed. The email alias address system is already available to chapters and regions and could possibly be available to sections in the future. **(Complete)**

### **Region XIV (previously Sub Region B) – CRC Motion 59:**

That ASHRAE an increased awareness be provided to Sections in ASHRAE by adding the sections to the ASHRAE Interactive Map.

**Answer** Staff has taken the above motion as an action item and will update the interactive map on the website to include sections without chapters. **(Complete)**



**Region XIV (previously Sub Region B) – CRC Motion 60:**

That a 'welcome pack' be prepared to advise new Sections and Student Branches on the initial steps to get it off the ground.

**Answer:** The above motion was referred to the Region Activities and Student Activities Staff as an action item to update the websites to include information for new sections and student branches on how to get started. **(Complete)**

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**Region XIV (previously Sub Region B) – Motion 8 (11/5/2015):**

That ASHRAE review CTTC PAOE points to amend the following: Hold planning session and finalize program schedule ~~prior to October 1~~ within 3 weeks of CRC workshop training 2 weeks after the CRC or before October 1 whichever is later.

**Answer:** The amended motion was approved and will be part of the 2016-17 PAOE categories. **(Complete)**

**Hellenic Chapter – Motion 19.h (10/2/2014):**

That ASHRAE make a plan or strategy, by the year 2015 annual conference, for comparing, aligning and promoting ASHRAE standards, especially on the energy performance of buildings, with the corresponding standards from other international standardization bodies, for example, ISO and CEN.

**Status 11/5/2015:** This motion was referred to Technology Council for consideration. This turns out to be a complex issue that will require a bit more work. ASHRAE representatives on ISO committees report that we need to have some discussions with ANSI about alignment and scoping issues at ISO. The reason ASHRAE consult with ANSI is because they officially hold the U.S. seat at ISO. So while the motion is a good one, the analysis and plan will take some time.

**Status 06/20/2017:** This motion is still under review. The ASHRAE Director of Technology will schedule a meeting at ANSI headquarters to request a change to the business model for standards sales. There is also a Presidential Ad Hoc on Globalization of Standards that will present recommendations for consideration to the ASHRAE Board in Long Beach. **(Open)**

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**Hellenic Chapter – Motion 26.2 (10/5-6/2013):**

That ASHRAE adjust the recertification requirements to reflect international needs.

**Answer:** This motion was referred to Publishing and Education Council via the Certification Committee for consideration. After reviewing the requirements, the Certification Committee concluded that the requirements as worded give the impression of being more restrictive than the intent. An action item, therefore, was brought forward in the January 18, 2014 meeting for staff to post revised wording for certification renewal requirements which more accurately reflects the process and which better enables certification holders from outside North America to retain their certification. These changes are now being implemented on the ASHRAE website and in other committee documentation. **(Complete)**

**Hellenic Chapter – Motion 29.1 (10/5-6/2013):**

That ASHRAE create a new membership grade awarded to applicants based on their Engineering discipline.

**Answer:** This motion was referred to the Membership Promotion Committee for consideration. The Membership Promotion Committee was not in favor of this motion and felt it was too broad to act upon. **(Complete)**



**Hellenic Chapter – Motion 32.1 (10/5-6/2013):**

That ASHRAE develop a position document on F-gas regulations regarding phase out of existing refrigerants and pre-charge equipment ban.

**Answer:** This motion was referred to Technology Council for consideration. See two Attachment B4 from Technology Council. **(Complete)**

**Hellenic Chapter – Motion 40 (10/5-6/2013):**

That ASHRAE provide online membership payment option through Pay Pal.

**Answer:** This motion was referred to the Finance Committee. The committee reported There are still issues with the NetForum system. There is a way to work around this but it still does not accept Pay Pal. **(Complete)**

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**Hellenic Chapter – Motion 16 (11/5/2011):**

That ASHRAE adjust the timing of submission of the student competitions to suit the international Universities graduation time (after July every year).

**Answer:** This motion was withdrawn because the current submission date was changed to January 15 to accommodate international schools. The Student Activities Committee continue to work on the timing of submissions and determine the adequacy of the dates. The committee hope to have the 2013 submissions posted sometime after the Chicago meeting and will be working on the 2012 submissions simultaneously. **(Complete)**

**Region XIV (previously Sub-Region B) – Motion 20 (11/5/2011):**

That ASHRAE invite one non-voting representative & bear the transportation costs from each RAL Section to the CRC to participate and represent their Section.

**Answer:** This motion was withdrawn because the DRC has the option to approve transportation reimbursement to CRCs from the allotted chapter visits. **(Complete)**



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**Thomas E. Werkema, Jr.**  
**Chair, Technology Council**

Date: January 28, 2014  
To: Joyce Abrams, Director of Member Services  
From: Tom Werkema, Technology Council Chair  
Subject: Members Council Referral to Technology Council from October 2013

During the Members Council meeting in October 2013, Members Council referred the motion below to Technology Council for consideration.

**Region at Large (Hellenic Chapter) – Motion 29.1:**

That ASHRAE develop a position document on F-gas regulations regarding phase out of existing refrigerants and pre-charge equipment ban.

**Background:** There is an ongoing global movement to reduce energy consumption and greenhouse gas emissions via improving energy efficiency from simple house hold appliances to industrial and commercial products. However, the majority of new technology and development of high efficiency units are based on existing HFC technologies. An abrupt movement to ban use of all HFC's would be a counterproductive measure as this will result not only in units with a lower operating efficiency level, but also a substantially higher cost for the new products required to be purchased by the consumer. At the same time, in the Europe Union (EU), there is an ongoing discussion to ban pre-charge refrigerant for all units sold or manufactured in the EU. However, charging a unit on site, in a non-controllable environment, is considered to be substantially less effective than charging the unit in a well-equipped and effectively monitored and controlled manufacturing facility that must meet all required safety regulations. In addition, charging on site will result in a substantial increase of improper unit charging and hence, unit malfunctions and also possible increase of HFC concentrations in the atmosphere. It would be a mismanagement of natural resources for manufacturers to charge their units with refrigerant for proper testing prior to the sale of the unit, and to have to reclaim and recycle and charge the unit with nitrogen before shipment. The additional resources and labour required for these actions would result in an increase in manufacturing costs which would then be absorbed by the end user. Given that these issues have a direct impact on HVAC&R industry and ASHRAE members throughout the world, ASHRAE should consider preparing a Position Document on the ban of HFCs and manufacturer refrigerant pre-charge of equipment.

Attached you will find several documents (JBCE - Japanese Business council in Europe, EPEE- European partnership for energy and the environment, EHI-European heating industry, EHPA-European heat pump association) explaining the negative global effects of such actions environmentally and economically.

**Fiscal Impact: None.**

**Response:** The Hellenic Chapter passed Motion 29.1 in early October 2013, requesting "That ASHRAE develop a position document on F-gas regulations regarding phase out of existing refrigerants and pre-charge equipment ban". The last sentence of their background information states: "...ASHRAE should consider preparing a Position Document on the ban of HFCs and Manufacturer refrigerant pre-charge of equipment". The background information also refers to the ongoing discussion in the European Union (EU) of these two issues related to F-gas regulations.

These EU discussions were completed on December 16, 2013, with agreement on new rules for F-gases, pending final vote of the EU Parliament in March 2014. A brief summary of the new rules is attached (IZW informiert 41e-2013), revealing compromise positions that do not impose bans on all HFCs, nor bans on pre-charge equipment.

Based on these developments, plus consideration of existing ASHRAE position documents on "Climate Change", February 2013, and "Refrigerants and their Responsible Use", January 2012, the need for the new position document does not seem appropriate.

Technology Council considers its response complete and that this item is closed.

CC: Tom Phoenix, Chair, Members Council  
David Underwood, Vice Chair, Members Council  
Bjarne Olesen, Vice Chair, Technology Council  
Kay Thrasher, OPS Chair  
Claire Ramspeck, DOT

## **IZW informiert über** *Info:* **F-gas agreement**

**Source: EPEE and others**

### **F-gas agreement**

The EU institutions yesterday agreed on new rules for F-gases. See IZW informiert 40e. **Some more details of the preliminary content:**

The rules will introduce a cap on HFC consumption to achieve a 79% reduction by 2030.

The maximum quantity referred to in **Article 13(1)** shall be calculated by applying the following percentages to the annual average of the total quantity placed on the market into the Union during the period from **2009 to 2012**

*Compromise proposal*

2015	->	100%
2016		93%
2018		<u>75%</u>
2021		<u>55%</u>
2024		31%
2027		24%
2030		21%

In addition to the cap and phase-down of 79%, the EU institutions also agreed to a traceability system to better track equipment containing F-gases which are imported into the EU, as well as a service and maintenance ban to ensure that current equipment moves towards more environmentally-friendly alternatives.

#### **Article 12**

“Pre-charging of equipment”

*Compromise proposal*

1. From 1 January 2017 refrigeration, air conditioning and heat pump equipment charged with hydrofluorocarbons shall not be placed on the market unless hydrofluorocarbons charged into this equipment are accounted

for within the quota system referred to in Chapter IV.

2. When placing pre-charged equipment on the market, manufacturers and importers of equipment shall ensure that compliance with paragraph 1 is fully documented and shall draw up a declaration of conformity in this respect. Where hydrofluorocarbons contained in the equipment have not been placed on the EU market prior to the charging of the equipment, importers of equipment shall as of 2018 ensure that the accuracy of the documentation and declaration of conformity shall be verified every year by 31 March, for the preceding calendar year, by an independent auditor, ....

#### **ANNEX III**

#### **Placing on the market prohibitions referred to in Article 9(1)**

It was also agreed to broaden the scope of bans by introducing a Global Warming Potential (GWP) limit for bigger refrigeration systems and small split air-conditioning systems.

Products and equipments

#### **Date of prohibition**

**10.** Domestic refrigerators & freezers that contain HFCs with GWP of 150 **1.1.2015**

**11.** Refrigerators and freezers for commercial use (hermetically sealed systems) that contain HFCs with GWP of 2500 or more **1.1.2020**

that contain HFCs with GWP of 150 or more **1.1.2025**

**11a.** Stationary refrigeration equipment, that contains, or that relies upon for its functioning HFCs with GWP of 2500 or more except equip-

ment intended for application designed to cool products to temperatures below -50°C

**1.1.2020**

**11b.** Multipack centralised refrigeration systems for commercial use with a capacity of 40kW or more that contain, or that rely upon for their functioning, fluorinated greenhouse gases with GWP of 150 or more, except in the primary refrigerant circuit of cascade systems where fluorinated greenhouse gases with a GWP of less than 1500 may be used **1.1.2022**

**12.** Movable room air-conditioning appliances (hermetically sealed equipment which is movable between rooms by the end user) that contain HFCs with GWP of 150 or more **1.1.2020**

**12a.** Single split air-conditioning systems containing less than 3kg of fluorinated greenhouse gases, that contain, or that rely upon for their functioning, fluorinated greenhouse gases with GWP of 750 or more **1.1.2025**

**Article 19 (3) new:** No later than 1 July 2017, the Commission shall publish a report assessing the prohibition pursuant to Annex III, point 11b, considering in particular, the availability of cost effective, technically feasible, energy efficient and reliable alternatives to multipack centralised refrigeration systems referred to in that provision. In light of that report, the Commission shall submit, if appropriate, a legislative proposal to the European Parliament and to the Council with a view to amending the provision pursuant to Annex III, point 11b.