



IHEA FALL BUSINESS CONFERENCE
September, 2015
COMMITTEE REPORTS SUMMARY

SAFETY STANDARDS AND CODES COMMITTEE

Kevin Carlisle
 Karl Dungs, Inc.

- TC 244 Standards

Standard/Working Group	Status
WG1 ISO/TC 244/WG 01 "General safety requirements"	ISO 13577-1:2012
WG2 "Safety requirements for combustion and fuel handling systems"	ISO 13577-2.
WG3 "Method of energy balance and efficiency"	ISO 13579-1:2013 ISO 13579-2:2013 ISO 13579-3:2013 ISO 13579-4:2013
WG4 "Vocabulary"	ISO/DIS 13574
WG5 ISO/TC 244/WG 05 "Protective system"	ISO 3577-4
WG6 Safety requirements for generation and use of protective and reactive gases"	ISO 13577-3

- TC 244
 - Work is now done for ISO 13577-3. Safety requirement for generation and use of protective and reactive gases.
 - No new work items (aka standards) are being developed yet.
- Future of TC 244
 - Continued membership was discussed.
 - Retaining membership and activity advances our approach that IHEA provides the knowledge base and authoritative voice for industrial heat processing.
- NFPA 86
 - 2015 Edition is out.
 - Proposals to next edition (2018/19) due June 29, 2016.
 - Overpressure Protection Devices, Settings, and Pressure Ratings for part replacement.
 - PLC's.
 - Pulse firing.
 - Radiant Tubes: what means explosion resistance?
 - When furnace does not have explosion relief, how can expanded metal be applied?
 - For ribbon burners, what are flame safeguard requirements for the other burners when flame propagation devices are used?

- SS&C Seminar
 - Spring is filled.
 - Fall had about 23 participants.
 - Consider smorgasbord approach and combine SS&C and Combustion Seminars.
 - Location of next meeting was discussed with Chicago being the likely choice.
- CSA Seminar
 - Spring:
 - Consider a repeat of the Seminar and create a training video.
- Canadian Code CSA B149.3
 - 2015 Edition is out.
 - Next Edition is 2020.
 - Dan Curry of Selas is not a voting member.
 - SS&C is looking to see if anyone is interested in becoming a non-voting member to represent IHEA.
- Primary Activities in the next 12 months
 - NFPA 86 Proposals.
 - TC 244.
 - SS&C Seminar

GOVERNMENT RELATIONS COMMITTEE

Mike Shay

HEAT – Combustion Solutions

- Michael Muller, DOE
 - Advance Manufacturing Office, high level energy savings opportunities, energy management standards and programs for Smart Manufacturing.
- Direction going forward
 - Short term – focus on our relationship with Lobby-It.
 - Evaluate how to move forward.
 - Schedule a meeting with Lobby-It.
 - How does IHEA fit into Smart Manufacturing? Focus on competitiveness.
 - A monthly report is being sent to membership. If you are not receiving this report, please contact us.
 - We have developed comments to EPA regarding Boiler MACT.
 - We are asking Lobby-It to approach EPA to determine if they had comments/response to our comments.
 - We are awaiting EPA response.

EDUCATION COMMITTEE

Brian Kelly

Elster Thermal Solutions

- Distance Learning (on-line) Courses
 - Fundamentals Course:
 - Fundamentals course is ready to go!
 - Course Date: October 27-December 10, 2015.
 - Jack Marino will be the instructor.
 - Registration is open on line for the public via IHEA website.
 - Electronic course book is included with the class.
 - Hard copy book may be purchased on-line.
 - Professional Development hours are available for the course.
 - Promotion at Heat Treat Show and encouraged by member companies.

- Advanced Course:
 - Course handbook and power point materials needs to be reviewed.
 - Leslie and Brian to initiate review course chapters with member companies.
 - Intention is to add a *Materials* section to the course.
 - Marc Glasser, Rolled Alloys, volunteered to author the section on this topic.
 - Target for first class is Fall 2016.
- Seminars
 - Combustion Seminar held together with a second Safety Seminar for 2015 and a new Induction Seminar.
 - 41 attendees for Combustion 2015.
 - Many new speakers who all did a great job.
 - 21 attendees for Safety 2015.
 - Brian Kelly will continue as the Combustion Seminar Chairman for 2016 Combustion event.
 - New 1st Annual Induction Seminar.
 - 11 attendees.
 - Four OEMs led the seminar:
 - Ambrell
 - Ajax Tocco
 - Inductotherm
 - SMS Elotherm
 - Discussed membership benefits of IHEA with all seminar leaders.
 - Conducted a charter Induction Division committee meeting on Tuesday, September 1, 2015, the day after the seminar.
 - Plan to continue efforts to generate induction OEM and end-user membership and participation.
- Authoritative Voice
 - DOE Process Heating Sourcebook (3rd Version).
 - Review of project status by Paul Sheaffer (Lawrence Berkeley National Laboratory).
 - A number of Committee members have had input for this 3rd Version.
 - Tracked changes version is now available for comment.
 - Webcast is planned to discuss the final comments before publication.
 - All heat recovery items consolidated into one chapter.
 - A new section of Sustainability is included in the new version.
 - The 3rd Version will be released as an on-line PDF, available for download.
 - There is the consideration of making this a web-based living document in the future.
 - Goal is to wrap up by the end of 2015.
 - IHEA will post the link to the PDF version on the IHEA website for download.
 - On another note, the PHAST tool has now been replaced with the tool called the *Process Heating Modeling Tool*, version 1.0 on the Advanced Manufacturing Office website.

IRED COMMITTEE

Wayne Pettyjohn

Georgia Power Company

- The committee met Tuesday, September 1, 2015.
- Twelve attendees, including one new member: Tony Tenore of WECO International.

- IRED Web page update
 - Stress benefits of membership..
 - Web pages to be updated yearly
 - Mark Gentry, Tim O'Neal and Scott Bishop are leading this effort.
- Infrared Seminars in 2015
 - CCAI Powder Coating and Curing Processes, February 24-25 at CRC Georgia Power – over 70 attendees.
 - IR Basics at Combustion Seminar.
 - CCAI IR Hands-on Seminar, Alabama Power TAC, October 6-7.
 - FABTECH: Efficient Curing with IR, November 11, Chicago.
- Infrared Webinars in 2015
 - Ins and Outs of Infrared, April 7 – 70+ attendees.
 - Ins and Outs of Infrared, September 10 – 57 registered so far.
- IR Shoptalk articles for Powder Coating Magazine
 - Discussed guidelines for articles.
 - Two published with one more scheduled for 2015.
 - Planning three articles for 2016.
 - Also agreed to provide leads for Products Finishing IR articles.
- Membership growth
 - Goal is to expand IR membership to include applications beyond finishing.
 - Examples include thermoforming and food processing.

MEMBERSHIP MARKETING AND COMMUNICATIONS COMMITTEE

Scott Schindlbeck

Elster Thermal Solutions

- Membership prospects
 - End users.
 - Manufacturing prospects.
 - All members should assist Mark Gentry's membership recruitment efforts by reinforcing IHEA benefits whenever possible.
 - New member benefits brochure.
 - New prospective member packet.
 - New prospective member PowerPoint.
- Website
 - Review other templates.
 - Add technologies information.
 - Add more videos.
 - Replace leading banners.
- Marketing efforts
 - Social media.
 - Re-marketing campaign.
 - News releases.
 - Brochures for all events.
- ITPS AMERICAS
 - Marketing push in 2016.
 - IHEA's "Big" event.
 - Attracts executive level personnel.