

NIA's 2022 Fall Summit
Wednesday, November 2, 2022 | 2:15 – 4:45 p.m. ET
Salon B

Technical Information Committee Meeting Agenda

1. Anti-Trust Policy Review, Roll Call, and Introductions
2. Approval of 2022 Summer Meeting Minutes
3. Discussion of Convention Topics
4. *Insulation Outlook* Magazine: Content by members, for engineers
 - Editorial
 - Suggest a topic or volunteer to be interviewed at editor@insulation.org.
 - Advertising
 - Sign up for your 2023 digital and print marketing plans with NIA by November 15, 2022 to avoid the 2023 price increase. The 2023 media kit and editorial calendar are available. Email ads@insulation.org to personalize your marketing program for 2023.
5. Committee Purposes/Objectives/Actions Items

TECHNICAL INFORMATION COMMITTEE

Chairman: Bill Gregg, Promat

Vice Chairman: Louis Walton, Proto Corp.

Secretary: David Macias, T-FIT

Purpose: To serve as a forum for identifying and addressing technical issues confronting NIA members and industry.

Key Objectives:

- Discuss technical issues facing NIA members and develop responses to such issues as requested by the Board of Directors.
- Assist in the review process of all technical issues in *Insulation Outlook* magazine and other NIA publications and educational programs.
- Provide technical information to the design, engineering, construction, and manufacturing communities and monitor information at technical organizations such as ASTM, ASHRAE, NFPA, and NIBS.

- Be a resource to the NIA Foundation for accurate and credible industry communications.
- Promote the positive benefits of mechanical insulation and discourage negative dialogue.
- Secure more insulation manufacturers, distributors, fabricators, and contractors to participate on the Technical Information Committee.
- Provide proactive output of technical information to benefit the entire NIA membership.
- Update and maintain the “Technical Glossary,” “Insulation Materials Specification Chart,” “Guide to Insulation Product Specification,” and all sections on the NIA website.

Actions:

1. Acquire and review technical paper presentations given at the NIA Annual Convention.
2. Review NIA’s technical training programs for technical content.
3. Hold four TIC meetings per year.
4. Work with the NIA Foundation and the staff to enhance the website to help promote all technical aspects of insulation.
5. Review all technical articles for *Insulation Outlook* and the NIA website.
6. Provide technical assistance to DOE Best Practices and the National Institute of Building Sciences (NIBS).
7. Provide regular updates to the NIA membership on energy codes and technical organizations such as ASTM and ASHRAE.
8. Provide the NIA membership an update on material safety issues, e.g., IARC Classification changes.

6. Updates

- Insulation Science Glossary
- GTIPS
 - Alpha
 - Hira
- Spec Chart Possible Additions
 - Armacell, ASTM C1728
 - Morgan or Alkegen (Unifrax), ASTM C892
 - Lewco, ASTM C1086
- Discussion of adding these as web pages rather than downloadable documents
- Discussion of interest in creating a chart for jacketing, facings, and possibly mastics
- DOE calculator review from last meeting.

7. Thank you to all training course reviewers

8. Upcoming Events:

November 30–December 1, 2022

[**NIA's Understanding Mechanical Insulation \(virtual\)**](#)

Registration Deadline: November 14, 2022

November 30–December 1, 2022, and December 7–8, 2022

[**NIA's Thermal Insulation Inspector Certification \(virtual\)**](#)

Registration Deadline: November 14, 2022

December 5–6, 2022

[**NIA's Insulation Energy Appraisal Program \(virtual\)**](#)

Registration Deadline: November 14, 2022

March 15–17, 2023

[**NIA's 67th Annual Convention**](#)

Hyatt Regency Maui Resort & Spa, Maui, Hawaii

Hotel Reservation Deadline: February 8, 2023

Early-Bird Registration Deadline: February 13, 2023

9. Adjourn

NIA's TIC Summer 2022 Meeting
Monday, August 1, 2022 | 12:30 p.m. – 4:30 p.m. ET
Zoom Meeting

TIC Meeting Minutes

Attendees:

- Bill Gregg, Etex Group, Chair
- David Macias, Zotefoams, Vice Chair
- Louis Walton, Proto Corporation, Secretary
- Julie McLaughlin, NIA Staff
- Bill Tolliver, Owens Corning
- Darrell Peil, Knauf
- Dave Stuzman, Conspectus
- David Patrick, Apache
- Jack Bittner, JM
- Spence Shayne, Lamtec
- Allen Dickey, Owens Corning
- Dave Shuey, Avery Dennison
- Elyse Inglese, CertainTeed Saint-Gobin
- Richard Gebhart, Owens Corning
- Heather Sharif, JM
- Dave Dekies, Morgan Advanced Materials
- Jordan Fiske, Anchor Insulation
- Kenzie Michalski, Owens Corning
- Kenny Graves, TBN
- Mark Sylvester, Aeroflex
- Mike Goard, TCI
- Nic Stott, ULVA
- Charlie Petty, Lamtec

Minutes:

2. Anti-Trust Policy Review, Roll Call, and Introductions

By attending this NIA TIC meeting you agreed to abide by all NIA policies, including the Anti-trust that was sent with the meeting invitation and link.

3. Approval of 2022 Convention Meeting Minutes

- A Motion was made by David Patrick and seconded by Darrell Peil. All were in favor.

4. Update on NIA Programs and Improvements: Coming Soon!
- An update on NIA's Latest activities was provided by Julie McLaughlin.
 - The Foundation for Mechanical Insulation Education, Training, and Industry Advancement
 - Now a separate non-profit organization that you can get involved with and donations are now tax-deductible.
 - Website: a link should be available by September 2022.
 - Foundation Board of Directors met in July 2022 and will meet again in the Fall.
5. Microlearning Class Content Review
- The following reviewer volunteered to review NIA's latest course content for technical accuracy.

Course Topics and Assignments

- Breathable vs Non-Breathable Coatings—What are the differences and where should they be used?
 1. Troy Anderson
 2. Darrell Peil
 3. jack Bittner
- Emittance—What is emittance and why is it important?
 1. Bill Gregg
 2. Tony Garone
 3. Kenzie Michalski
- Moisture Barrier vs Moisture Retarder vs Condensate Barriers—What are the differences and why - where are they used?
 1. Charlie Petty
 2. Heather Sharif
 3. Troy Anderson
- Product Density vs Compressive Strength—What is the difference, are they related and why are they important?
 1. Bill Gregg
 2. Heather Sharif
 3. Darrell Peil
- Protective Coverings Categories—Metallic, plastic, film, laminates, coatings, fabrics etc., what are the differences?
 1. Charlie Petty
 2. Tony Garone
 3. Nick Stott

- Use Temperature—How does it vary by product type?
 1. Bill Gregg
 2. Bill Tolliver
 3. Dave Shuey

- Vapor Stops—What are they and why and when should they be used?
 1. Troy Anderson
 2. Darrell Peil
 3. Kenzie Michalski

- Passive vs active fire Protection
 1. Bill Gregg
 2. Heather Sharif
 3. Kenzie Michalski

- Hydrophobic, hydroscopic and Water-Resistant definitions
 1. Mark Sylvester
 2. Nick Stott
 3. Dave Patrick

- K” vs “R” vs “U” Values—What is the difference and how to convert one to the other?
 1. Bill Tolliver
 2. Heather Sharif
 3. Louis Walton

6. *Insulation Outlook* Magazine: Content by Members, For Engineers

- 2023 Editorial Calendar Suggestions
 - Julie promoted the ease of being interviewed for a ghostwritten article for *Insulation Outlook* magazine. Content for the magazine is provided by NIA members to help educate engineers and specifiers.
 - Suggest a topic or volunteer to be interviewed at editor@insulation.org.
 - Sign up for your 2023 digital and print marketing plans with NIA by November 15, 2022. The 2023 Media Kit and editorial calendar are available. Email ads@insulation.org to personalize your marketing program for 2023.

7. Proposed Standards

- ASTM proposed standard ([WK81449](#)) – TIC Leadership to review and see if it covers mechanical insulation.

8. EC3, the Embodied Carbon in Construction Calculator, www.buildingtransparency.org
 - Volunteers:
 - DOE Calculator
 - Darrell Peil
 - Mark Sylvester
 - Bill Gregg
9. DOE's Improving Steam Systems Performance Source Book
 - Task force: Bill Gregg,
 - Darrell Peil
 - Jack Bittner
10. Tech Presentations
 - Name changed from "Technical Presentations" to match other session to drive up the attendance.
 - No session in 2023.
 - 2024 topics suggestions:
 - Selling energy savings on insulation projects using IEAP and 3E Plus[®]
 - Understanding the total efficiency of a system
 - Keep the systems at a high level
 - A future review of past topics to find previous suggestions that may be good future choices
11. Call for updates for the Glossary, GTIPS, or Spec Chart
 - No updates were made.
12. Upcoming Events:

NIA Fall Summit
November 2–3, 2022
MGM National Harbor

November 30–December 1, 2022
NIA's Understanding Mechanical Insulation (virtual)
Registration Deadline: November 14, 2022

November 30–December 1, 2022 and December 7–8, 2022
NIA's Thermal Insulation Inspector Certification (virtual)
Registration Deadline: November 14, 2022

March 15–17, 2023

NIA's 67th Annual Convention
Hyatt Regency Maui Resort & Spa, Maui, Hawaii

13. Adjourn

- Motion to adjourn,
 - Jack Bittner
 - 2nd David Patrick
 - All were in favor and the meeting was adjourned.