



**MINUTES  
FIRE APPARATUS MANUFACTURERS' ASSOCIATION  
TECHNICAL COMMITTEE MEETING  
APRIL 17, 2024  
INDIANA CONVENTION CENTER  
MEETING ROOM 210  
INDIANAPOLIS, IN**

[A copy of the full meeting power point presentation may be found in the secure documents of [www.fama.org](http://www.fama.org)]

**Call to Order** – Ms. Melissa Dobbs, Technical Committee Co-Chair called the meeting to order at 1:32 p.m.

**Proof of Notice** – Notice of this meeting was provided to all Technical Committee representatives and FAMA members via email on February 20, 2024.

**Roll Call** – A quorum was declared with 40 member companies present at the start of the meeting. [See attendance and sign-in sheets attached to these minutes.]

**Antitrust Guidelines and Non-Discrimination Policy** – Legal Counsel Jim Juneau stressed that it is FAMA's policy to abide by the antitrust laws of the United States and the strict non-discrimination policy at all meetings of the Association.

**Meeting Sponsors** – The meeting sponsor, SoundOff Signal, was recognized for their support of the Committee and FAMA.

**Review/Enter Minutes** – After discussion and upon motion duly made and seconded, it was:

**VOTED:** That the minutes of the Technical Committee Meeting held on April 27, 2023 in Indianapolis, IN are approved to be entered into the records of the association.

- Mr. Lackore welcomed the FAMA member representatives to the meeting and thanked them for their involvement with the Technical Committee.
- The Subcommittee Chairs were introduced, and the attendees were encouraged to join a subcommittee.

**Technical Committee Highlights –**

- Ms. Dobbs provided a status report on the progress of the Buyer's Guides. There are currently 43 published Buyer's Guides, 10 pending documents, and one draft document.
- The process for submitting Buyer's Guides through the Review and Approval stage was reviewed.
- Mr. Lackore presented twelve suggested topics for FAMA Forum articles and requested new topics.
- Mr. Lackore announced that the new ULC 515 Standard is now published, and the general requirements follow NFPA 1900.
- A review of the information on ULC 515 Standard ANNEX A was provided.
- At this time, there has been no progress or movement on the NHTSA NPRM for AEB and ESC.
- Heavy Duty vehicles will continue to be allowed to use R134a for 2028 MY and beyond. For trucks using R1234y, there is no need to change at this time.
- The IAFC and EPA met on Engine Emissions Reliability. The IAFC is asking EPA for their assistance.
- NFPA 1900 is open for public comment now. Each subcommittee should plan to review their respective chapters for needed changes. During reviews look for the following opportunities: the removal of outdated requirements, simplify requirements, and remove operational (non-safety critical) requirements.

**A Special Panel Presentation on EV Apparatus Early Adoption** was provided. Mr. Sam Massa put together and moderated a panel of six Fire Chiefs to provide their perspectives on the adoption of EV Apparatus. The six chiefs were:

- James Gaboury – Department Fire Chief of Logistics for San Diego Fire-Rescue Department
- Jason “Jackson” Nickelson – Fire Maintenance Administrator Mesa Fire and Medical Department
- James Johnson – Assistant Chief Mesa Fire and Medical Department
- Rob Anselmi – Division Chief Mechanical Maintenance Equipment & Asset Management
- Ryan Hayes – Assistant Chief Fleet and Equipment Services, Vancouver Fire Rescue Services
- Jerry Winkles – Deput Chief, Charlotte NC

**New Business** – none

**Old Business** – none

**Adjournment** – With no further business to come before this meeting, upon motion duly made and seconded and no further discussion, it was:

**VOTED:** To adjourn at 2:45 p.m.

After adjournment, the meeting attendees broke into subcommittee meetings. [Additional Subcommittee breakout session notes follow.]

A true copy, attest:

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Sonya Kelly

## Subcommittee Breakout Session Reports / Notes:

- **Aerial/Quint –**
  - **1 or more New Buyers Guide Topics –**
    - Strong
    - Stable
    - Committed
  - **NOTE:** Only Sutphen representatives stayed for the breakout session.
  - **Question: Was this a better meeting time than Thursday AM:** YES
  - **Name of Scribe:** Jim Garver
  
- **Ambulance –** No Report Submitted
  
- **ARFF –** No Report Submitted
  
- **Body –**
  - **Meeting Notes**
    - Buyer's Guide TC077 – Hose Bed Sizing. Reviewed by Jeff Hicks.
      - A calculator would be helpful for common options.
      - Width, length, number of stacks (range)
      - Air-vs-no air
      - Do all OEMs have the same factors of consideration?
      - Nozzels, couplings, etc.
      - OEMs make recommendations based on hose parameters of customers.
      - Education OEMs and departments.
      - Jeff Hicks will meet with OEMs and hose manufacturers and draft from there.
    - Cold environment guidelines around pump / pump housing.
  - **Question: Was this a better meeting time than Thursday AM:** YES. Include lunch and a larger meeting space.
  - **Name of Scribe:** Shelby Chambers
  
- **Chassis –**
  - **1 or more New Buyers Guide Topics –**
    - Apparatus Electrification – AI? Jan Polka is willing to help. Chris Crowel to talk with Roger Lackore. Chassis guys and Pat M. if tires.
  - **Meeting Notes**
    - FAMA Forum Article on Vehicle Weight. Four corner or side to side weight.
  - **Question: Was this a better meeting time than Thursday AM:** YES – 4 / Either – 4
  - **Name of Scribe:** Chris Crowel
  
- **Electrical –**
  - **Meeting Notes**
    - Discussed 1900 edits. Basecamp was determined the place to discuss and make suggestions.
    - Members would contact authors to complete Buyer's Guide.
  - **Question: Was this a better meeting time than Thursday AM:** YES
  - **Name of Scribe:** Pete Sremac

- **Foam –**
  - **Question: Was this a better meeting time than Thursday AM:** YES – 7 / No – 1
  - **Name of Scribe:** Gregg Geske
  
- **Pumps & Plumbing –**
  - **1 or more New Buyers Guide Topics –**
    - Lifeline Air / Waters – John Stafford
    - Drums – Darley
    - Monitors etc – Keith Chard, Elkhart, Maria Hovaness – Akron Brass
  - **Question: Was this a better meeting time than Thursday AM:** YES, just one hour later.
  - **Name of Scribe:** Michael Sulmone

Attachments:

Member Company Attendance  
Sign-In Sheets

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APRIL 17, 2024  
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**Member Company Attendance**  
[based on meeting registration/sign-in at meeting]

Advanced Wheel Sales, LLC	Link Suspensions of Canada LP
Aearo Technologies	Pierce Manufacturing, Inc.
AMDOR Inc.	Pro Poly of America, Inc.
Apparatus Equipment & Service, Inc.	RealWheels Corporation
Battleshield Industries Ltd	Rescue 1
C.E. Niehoff & Company	Rosenbauer America, LLC
Code 3, Inc.	Seagrave Fire Apparatus LLC
Cummins Inc.	Smart Power Systems
Darley	SoundOff Signal
Elkhart Brass Mfg. Co., Inc.	Spartan Emergency Response
Federal Signal Corporation	Sutphen Corporation
Fire Lion Global LLC	Task Force Tips, Inc.
H.O. Bostrom Company, Inc.	The Will-Burt Company
Hendrickson	TOMAR Electronics
HiViz Lighting, Inc.	Trident Emergency Products, LLC
HME Ahrens-Fox	US Fire Pump Company
IMMI	WATERAX
Iturri America, Inc.	Waterous Company
Kussmaul Electronics Co.	Whelen Engineering Co., Inc.
Lifeline Firehose	Williams Fire & Hazard Control, Inc.