



**MINUTES
FIRE APPARATUS MANUFACTURERS' ASSOCIATION
TECHNICAL COMMITTEE MEETING
OCTOBER 17, 2018
MUSIC CITY CENTER, NASHVILLE, TN**

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

Call to Order – by Roger Lackore at 2:55 p.m. CDT

Proof of Notice – Notice of this meeting was provided to all Technical Committee representatives and FAMA members on September 7, 2018 via email.

Roll Call – A quorum was declared with 24-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.

Mr. Miller recognized and thanked the meeting sponsors: Performance Advantage Company, Pro Poly of America, Inc., and W.S. Darley & Co.

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

VOTED: That the minutes of the April 26, 2018 Technical Committee Meeting (Indianapolis, IN) are approved and be entered into the records of the association.

Welcome /Association Update – Roger Lackore introduced Steve Toren, the 2018 FAMA Board President.

Mr. Toren thanked the meeting sponsors for their support. He continued with an Association update and the FAMA Board of Directors 2018 initiatives of continued support of the GAC Hill Day and Home Day events, enhanced industry Statistics, and the Technical Committee Buyer's Guide Program.

Mr. Lackore thanked Mr. Toren for his leadership of the Association.

Mr. Lackore provided a review of the subcommittee leaders, the presentation subject plans for the FDSOA Apparatus Symposium to be held in January 2019 in Orlando, Florida, and the current FAMA Forum Schedule.

The Technical Committee is developing the necessary data to create a more robust member search function for the FAMA Website. Each member company was encouraged to review their companies search results once the website is updated.

The Body Subcommittee was asked to develop a Yellow Line Worksheet to be used as a guide when designing a new fire apparatus.

Mr. Lackore presented two new FAMA symbols for Water Flow Rate and Water Flow Total.

For the Hose Bed Capacity Test initiative, there is no news to report.

Mr. Lackore provided a review of the highlights from the recent NFPA 1901/1906 Apparatus Committee meeting in Orlando (October 2018). There are many important items out for public comment including the topics: cab seat accommodation with NIOSH study results, minimum intensity value of emergency warning lights, 1906 on-board riding position, and vehicle to vehicle communication.

On NFPA 1500, there are five apparatus related topics currently out for public comment which closes November 15th. Topics include: SCBA's out of cab, contaminated PPE and equipment not carried in the cab unless bagged and secured, aerial fall protection, cab step heights, and vehicle exhaust direction. The second draft report will be posted August 1, 2019.

Mr. Miller provided an overall progress report on the Buyer's Guide Project by subcommittee.

Attendees were released to subcommittee breakouts and were asked to reconvene for report outs afterwards.

New Business – none

Old Business – none

Next Meeting Notice – The next meeting of the Technical Committee will be held Thursday, April 11, 2019 at 7:30 a.m. at the Indiana Convention Center in Indianapolis, IN in the 500 Ballroom. Breakfast will be served at 7:00 a.m.

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 4:38 p.m.

A true copy, attest:

Sonya Kelly

Attachments:

Member Company Attendance
Sign-In Sheets

Subcommittee Meeting Notes Follow

- A. **Aerial/Quint** – Subcommittee did not meet.
- B. **ARFF** – Subcommittee did not meet but, Paul Powel reported on the recent ARFF NFPA 414+ Meeting in August. The subcommittee is still working on the assigned Buyer's Guides.
- C. **Ambulance** – Subcommittee did not meet.
- D. **Body** – Bruce Whitehouse provided the report-out for the subcommittee. The subcommittee requested more details, including the initiative and requirements for the Yellow Line Worksheet assignment.

The Body Sub-Committee break out session was attended by 5 participants and the following was discussed:

New Buyers' Guide Topics:

- Reviewed the topics provided by Doug Miller
- As all have authors assigned, no further action required

Yellow Line Worksheet:

- Clarified intent with Roger
- Discussed and agreed that any guidelines should be targeted towards maximizing safety during operations,
- Bruce will put together a draft to serve as a starting point

Clean Cab Initiative:

- Discussed various approaches to ensuring clean cab operations
- Agreed that any guidance should include handling of "dirty gear/equipment" and storage options
- Storage issues included:
 - Double bagged and carried in designated compartments on apparatus
 - Appropriate ventilation and other factors for designated compartments
 - Separate service vehicle options including design
- More work required – the small number of apparatus manufacturers represented in the group made it difficult to establish any timelines

Vacuum Units

- Jason Estep (Firovac) was volunteered to draft a Buyers' Guide for vacuum trucks

- E. **Chassis** – Chris Crowel provided the report-out for the subcommittee.

Buyer's Guides

- Tires - Pat Patton and Mike Bowman agreed to review and tailor to fire apparatus
- Front Suspension – Bob Albano will complete in November
- Spec'ing for Maintenance – Sent back to author after review edits
- Exhaust Emissions Systems – Need to include whole building ventilation and send for review
- HVAC – Mark Bartlett already drafted one version (it was sent to Miller/Lackore), If another version is being drafted, check with Mark

Request from Mr. Lackore to come up with a label for Aftertreatment Regeneration/Inhibit

- Pat Patton will provide an example that Navistar uses (OTR truck builders do this today)
- Should allow dash messages as cab real estate is tight given all the other labels being applied

- F. **Electrical** – Pete Luhrs provided the report-out for the subcommittee.
- G. **Foam** – Mike Dupay provided the report-out for the subcommittee.
- A draft of the Foam Buyer's Guide is in process.
- H. **Pumps & Plumbing** – Doug Miller provided the report-out for the subcommittee.
- The subcommittee will review current Buyer's Guides to determine if updates are needed.
 - Keith Chard of Elkhart Brass is working on Deck Gun and Aerial Monitors Buyer's Guide
 - Peter Lauffenburger of Akron Brass said he would work on Pump Control Location Buyer's Guide (via email prior to meeting)
 - The subcommittee has a draft Buyer's Guide on Pump Primers
 - There are no NFPA concerns at this time.

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OCTOBER 17, 2018
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Member Company Attendance

[based on meeting registration/sign-in at meeting]

AMDOR, Inc.
Cummins Inc. - Engines
Cummins Inc. – Generators
E-ONE, Inc.
Elkhart Brass Mfg. Co., Inc.
Federal Signal Corporation
Fire Research Corporation
Firovac by Reberland Equipment Inc.
H.O. Bostrom Company, Inc.
Hendrickson
HiViz LED Lighting
IMMI
Navistar/International Truck & Engine
Performance Advantage Company
ROM Corporation
Rosenbauer America, LLC
Seagrave Fire Apparatus LLC
Smart Power Systems
Sutphen Corporation
Task Force Tips, Inc.
The Will-Burt Company
Valor First Responder Seating
W.S. Darley & Company
Whelen Engineering Co., Inc.