MINUTES OF THE MEETING

TECHNICAL COMMITTEE ON
RESPIRATORY PROTECTION EQUIPMENT

8 AUGUST 2013
DENVER, CO

AGENDA ITEMS 1-2; SELF-INTRODUCTION OF MEMBERS AND GUESTS, NFPA STAFF LIAISON REPORT

Chairman Rossos called the Committee to order at 09:00 on 8 August 2013. Chairman Rossos welcomed Committee members and guests and asked them to introduce themselves. Staff Liaison David Trebisacci read the NFPA Committee Procedural Statement and asked attendees to sign in on the appropriate Member or Guest sign-in sheet. He reviewed the following: NFPA 1984 cycle dates; demonstration of new Public Input online process, using NFPA 1984 as an example; timeline for submittal of task group reports for inclusion with the agenda; use of Doodle as a scheduling tool; cycle status of other TC documents; and update on the new TC on SCBA for non-structural fire fighting.

Members Present:

Dan Rossos, Chairman  Oregon Dept. of Public Safety Stds. & Training
Steven H. Weinstein, Secretary  Honeywell Safety Products (rep. ISEA)
David Trebisacci, Staff Liaison  NFPA

Chris Anaya  California State Firefighters Association
David Bernzweig  Columbus (OH) Firefighters
Brian H. Cox  Clovis Fire Department
Ryan Brubaker  Clovis Fire Department
David Hodson  Draeger Safety UK Ltd
Robert Sell  Draeger Safety
Beverly Gulledge  Scott Safety
Jonathan Szalajda  NIOSH/NPPTL
Stephen T. Miles  NIOSH FFFIPP
Clint Kaller  L.A. County Fire Department
Ira Harkness  U.S. Department of the Navy
Orion Goe  Luxfer Gas Cylinders
Robin Gainey  International Association of Fire Fighters
Ian Maxwell  Interspiro
William Dickson  Bauer Compressors, Inc.
Clint Mayhue  Avon Protection
Kenton Warner  KDW Consulting, LLC
Deborah Gaudet  Virginia Beach Fire Department
Ed Golla  TRI/Air Testing
David Haston  U.S. Department of Agriculture
Joseph Domitrovich  U.S. Department of Agriculture
Todd Keathley  Portland Fire & Rescue
The following guests were present:

- Anthony Putorti    NIST
- Scott Glazer     Thales Communications
- John Scrivani    TSWG-DOD/CTTSO
- Gordon Sletmoe    Medford (OR) Fire-Rescue
- Greg Vrablik     Honeywell Safety Products
- Tim Rehak        NIOSH
- Matt Bowyer      NIOSH
- Corey Butler     NIOSH
- Bruce Varner     B.H. Varner & Associates
- Robert Athanas   FDNY
- Steve Townsend   Carrollton Fire Rescue
- Jose Velo        San Francisco Fire Department
- Michael McKenna  Michael McKenna & Associates
- Kevin Roche      Phoenix Fire Department
- Peter Reed       Consultant to FirstNet
- Kamil Agi        K&A Wireless, LLC
- Shane Bray       MSA
- Matthew Shannon  Scott Safety

AGENDA ITEM 3; CHAIRMAN’S REMARKS

Chairman Rossos introduced Bob Athanas, Chairman of the TC on Electronic Safety Equipment, who reported on the activities of the TC on ESE. Steve Townsend spoke about the activities of the ESE Task Group on Intrinsic Safety. Chairman Rossos spoke about the interaction and coordination between the ESE TC and the RPE TC.

Chairman Rossos informed the TC about the reasons behind the development of the TIA extending the cutoff date for being able to ship SCBAs labeled as compliant with the 2007 Edition of NFPA 1981, the status of that TIA, and an expected advisory to be issued by the NFPA.

Chairman Rossos led a discussion of a possible conflict among NFPA 1500, NFPA 1981 and NFPA 1404 regarding requirements concerning when a fire fighter should start exiting from an incident.

Chairman Rossos asked Dave Haston and Jon Szalajda to review for the TC the history of NFPA 1984. A discussion ensued among TC members regarding why no respirator manufacturers have submitted products for certification to the standard and whether the size of the market is sufficient to provide an incentive to respirator manufacturers to do so. Jon Szalajda will bring the subject up at the next IAB meeting in October. Steve Weinstein will report to the TC the results of a survey of respirator manufacturers being conducted by the ISEA about NFPA 1984.
AGENDA ITEM 4; APPROVAL OF THE MEETING MINUTES, PORTLAND, OR; AUGUST, 2012

Chairman Rossos asked the TC to review the Minutes of the Portland (OR) meeting.

**MOTION BY CLINT KALLER, SECOND BY DAVID BERNZWEIG**

To approve the Minutes of the 14-15 August 2012 meeting in Portland, OR.

**MOTION CARRIED**

AGENDA ITEM 5; NIOSH UPDATE

Jon Szalajda spoke to the TC on its latest developments. He informed the TC about the ongoing NIOSH reorganization. There are public meetings scheduled for September 17-19 at NIOSH. There will be an RFI for PAPR issued by the end of 2013, leading toward an advance notice of proposed rulemaking in 2014. There is a web meeting tentatively scheduled for November, 2013 to discuss the path forward to developing new closed-circuit SCBA performance criteria.

AGENDA ITEM 6; FUTURE OPTIONS OF CBRN TESTING

Chairman Rossos initiated a discussion of alternatives to the current U.S. Army live agent testing. Jon Szalajda from NIOSH stated that they have looked at surrogate agents and that multiple surrogate agents would have to be used to achieve the desired results. He felt that there would be no time savings using surrogate agents; in fact, it would be a complicated process. Jon also talked about other testing sites, but said that there are no easy answers. He said that one possibility is allowing other internationally recognized testing authorities to submit test reports to NIOSH showing CBRN compliance.

AGENDA ITEM 7; REVIEW EXISTING AND FUTURE TASK GROUPS

Chairman Rossos appointed Jon Szalajda head of a new Task Group to look into the options available for CBRN certification testing. The members of the CBRN Certification Task Group are:

- Todd Keathley
- Beverly Gullidge
- Steve Weinstein
- Deborah Gaudet
- Ian Maxwell

Existing Task Groups were reviewed, and issues to consider addressing for the next edition of NFPA 1981 were suggested, as follows:

**EBSS** (Clint Kaller, Chairman)
Address interoperability of EBSS devices

**Lens Degradation** (Chris Anaya, Chairman)
Address (1) heat transfer through the lens, (2) impact to the lens after radiant heat exposure and (3) radiant heat effect on other SCBA components
Second Stage Regulator Retention (Steve Miles, Chairman)
Develop a pull test to address second stage retention in the facepiece

Task Group members:
Clint Kaller
David Bernzweig
Deborah Gaudet
Robin Gainey
Steve Weinstein
Bill Dickson
Ian Maxwell
David Hodson
Clint Mayhue
Beverly Gulledge
John Kuhn
Tom Pouchot
Bill Mundy
Brian Cox

Communications (Brian Cox, Chairman)
Address coordination with the TC on ESE to possibly develop performance requirements for SCBA radio communication systems, both wireless and hard-wired. Steve Weinstein will be the liaison between the Communications Task Group and the TC on ESE. Review the STI test to ensure it’s still the right test method for SCBA communications.

AGENDA ITEM 8; OLD BUSINESS
Ed Golla asked the TC if anyone had been successful finding the desiccant filter required in NFPA 1989. No one had yet. Ed will continue to research.

AGENDA ITEM 9; NEW BUSINESS & NEXT MEETING
Brian Cox suggested we consider developing a cylinder tracking system requirement.

Steve Miles suggested we consider requiring pneumatic datalogging. Dan Rossos appointed Steve Miles Chairman of a new Task Group to investigate this.

Task Group members:
Clint Kaller
David Bernzweig
Deborah Gaudet
Robin Gainey
Steve Weinstein
Ian Maxwell
David Hodson
Clint Mayhue
Beverly Gulledge
John Kuhn
Tom Pouchot
Bill Mundy
Jon Szalajda suggested that NIOSH work with the TC to address SCBAs that are combination units, e.g., combination SCBA and APR, combination SCBA and SAR, combination SCBA and PAPR, etc.

The next TC meeting will be February 11-12, 2014, location TBD.

AGENDA ITEM 10; ADJOURNMENT

MOTION BY CLINT KALLER; SECOND BY DAVE HASTON
To adjourn.

MOTION CARRIED.

Chairman Rossos adjourned the meeting at 18:00 on 8 August 2013.

Respectfully submitted,

Steven H. Weinstein, Secretary
Technical Committee on Respiratory Protection Equipment