



GRETCHEN WHITMER  
GOVERNOR

State of Michigan  
DEPARTMENT OF LABOR AND ECONOMIC OPPORTUNITY  
MICHIGAN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
BARTON G. PICKELMAN, DIRECTOR

SUSAN CORBIN  
ACTING DIRECTOR

MIOSHA GENERAL INDUSTRY SAFETY AND HEALTH STANDARD  
PART 74 FIRE FIGHTING  
ADVISORY COMMITTEE MEETING

March 15, 2021 – 9:00 a.m.  
Virtual – Teams Meeting

**MEETING MINUTES**

**ADVISORY COMMITTEE MEMBERS PRESENT:**

Kenneth Barnes .....Delta Twp. Fire Dept.  
Mark Cleveland.....Egelston Twp.  
Steven Heim.....Lincoln Park Fire Dept.  
Jeffery Knowles .....Cascade Twp.  
David Glotzbach .....Muskegon Charter Twp. Fire Dept.  
Michael McLeier .....Michigan State Firemen’s Association/E.S.C.A.P.E.  
Eva Hatt .....Retired  
Brian Hunter.....Marathon Petroleum Company  
Kevin Sehlmeier.....LARA – Bureau of Fire Services  
Lee Finlayson.....Retired  
Jeramie Morris .....Dow/Process Safety Expertise Center

**MIOSHA STAFF PRESENT:**

Bart Pickelman .....MIOSHA Director  
Ron Ray .....MIOSHA Technical Services Division Director  
Shannon Matsumoto .....MIOSHA Standards and FOIA Section Manager  
Daniela Garza.....MIOSHA Standards and FOIA Section Analyst  
Toscha Klopp .....MIOSHA Standards and FOIA Section Secretary  
Kristin Osterkamp.....MIOSHA CET Senior Industrial Hygienist  
Augustine Syrovoy.....MIOSHA CET Occupational Safety Consultant  
Richard Pfander Jr.....MIOSHA GISHD Safety & Health Manager

**ADVISORY COMMITTEE MEMBERS ABSENT:**

**Call to Order**

The March 15, 2021, General Industry Safety and Health Standard Part 74 Fire Fighting, (GI Part 74), advisory committee meeting was called to order by Mr. Heim at 9:05 a.m.

Roll call was taken. A quorum of advisory committee members was present.

### **Approval of February 22, 2020 Meeting Minutes**

Motion by Mr. Knowles to accept the minutes from the February 22, 2020 meeting. Mr. McLeier seconded the motion. Motion passed.

### **Recap of R 408.17464 Training and Education Program**

Committee reviewed the language from our prior meeting and had no recommended changes. Ms. Osterkamp questioned if we could eliminate the Department name (LEO) from R408.17464 (1) since our Department name tends to change under new leadership. Mr. Glotzbach pointed out if we do this, the fire departments may get confused as they are referenced as departments. Decision to leave it as it is.

### **Review proposed language for R 408.17411 and R 408.17451 from Mr. Heim**

Mr. Glotzbach and Mr. Cleveland like the language that Ms. Osterkamp provided the group. Mr. Heim agrees he likes what she proposed, but he would still like it listed out by different job types.

Mr. Glotzbach worries if we list them out, we may not include everything and the field may focus on what is in the rule, and not everything that should be done.

Mr. Pickelman suggested we work on the wording to state “perform” versus “respond”.

Mr. Heim stated he would like the different levels/roles of duties integrated into the rules, as it is not clearly explained in the Part 74 rules. Even though they are listed in other standards, he would like them in Part 74. (i.e., Confined Space)

Proposed language for Rule 7451(1)(c)

Rule 7451. Management of Emergency Operations

(1)(c) An assessment of the types of emergency operations the department is expected to perform (e.g., structural firefighting, high angle rescue).

(1)(d) Documentation of qualified employees performing the various types of operations. (e.g., structural firefighting, trench rescue, high angle rescue).

Motion by Mr. Knowles to accept the proposed language. Mr. Cleveland seconded the motion. Motion passed.

Proposed language for Rule 7451(2) to strike “trained” and replace with “qualified”.

Rule 7451(2) A qualified employee shall function as the incident commander at each emergency.

Motion by Mr. Heim to accept the proposed language. Mr. Cleveland seconded the motion. Motion passed.

### **Draft language for survey and RIS**

Shannon read the language mentioned at the last meeting. This is being tabled to a future meeting.

### **Committee member discussion**

Mr. Cleveland proposed that we change Rule 7431(6) to:

Rule 7431(6) An employer shall implement procedures for inspecting and servicing of personal protective equipment according to manufacturer's recommendations.

Motion made by Mr. Cleveland to accept the proposed language. Mr. Heim seconded the motion. Motion passed.

Rule 7432 – proposed to change effective date from January 1, 2023 to January 1, 2025.

Motion by Mr. Glotzbach to change the date. Mr. Cleveland seconded the motion. Motion passed.

Rule 7436 – modified language to “All self-contained breathing apparatus currently in use shall meet or exceed the requirements of NFPA 1981 “Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services.” 1997 edition, as adopted in R 408.17405. Effective January 1, 2025 all self-contained breathing apparatus currently in use shall meet or exceed the requirement of NFPA 1981 “Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services,” 2007, as adopted in R 408.17405.

Reviewed the document for all references to NFPA to see if the modified language of “meet or exceed the requirements of” needs to be added.

Rule 7421(4) – modified language to “New fire apparatus that is manufactured and purchased after the effective date of these rules shall meet or exceed the requirements of the NFPA 1901: standard for “Automotive Fire Apparatus,” 2009 edition, as adopted in R 408.17405.”

Rule 7424(2) – modified language to “While working from an aerial apparatus, an employee shall be secured with a safety belt system that meets or exceeds the requirements of NFPA 1983: standard on “Life Safety Rope and Equipment for Emergency Services,” 2001 edition, as adopted in R 408.17405.

Rule 7426(1) – modified language to “(1) Effective January 1, 2025 portable ground ladders used in structural firefighting or training for these operations shall meet or exceed the requirements of:  
(a) NFPA 1931 “Standard for Manufacturer’s Design of Fire Department Ground Ladders”, 1994 edition.

(b) NFPA 1932 “Standard on Use, Maintenance, and Service Testing of In-service Fire Department Ground Ladders”, 2015 edition.”

Rule 7432 – modified language to “An employer shall provide a protective ensemble, to all employees who engage in or are exposed to structural firefighting. The protective ensemble shall meet or exceed the requirements of NFPA 1971: standard on “Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting,” 2007 edition, as adopted in R 408.17405. Effective January 1, 2025 the protective ensemble shall meet or exceed the requirements of

NFPA 1971: standard on “Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting,” 2013 edition, as adopted in R 408.17405.”

Rule 7440 – modified language to “An employer shall provide and enforce the use of a Personal Alert Safety System (PASS) device to each employee utilizing a self-contained breathing apparatus while engaged in structural firefighting operations. "PASS" devices shall meet or exceed the requirements of NFPA 1982 "Personal Alert Safety Systems (PASS) for Fire Fighters," 1998 edition, as adopted in R 408.17405. Effective January 1, 2025 "PASS" devices shall meet or exceed the requirements of NFPA 1982 "Personal Alert Safety Systems (PASS) for Fire Fighters," 2007 edition, as adopted in R 408.17405.”

Rule 7463(1) – modified language to “Life safety rope, harnesses and hardware dedicated for the purpose of supporting people during emergency operations shall be used and meet or exceed the requirements of NFPA 1983 “Life Safety Rope and Equipment for Emergency Services,” 2001 edition, as adopted in R 408.17405.”

Rule 7464(5) – modified language to “All live fire training shall meet or exceed the requirements of the NFPA 1403: standard on “Live Fire Training Evolutions,” 2018 edition, as adopted in R 408.17405.”

Motion by Mr. Heim to accept the modifications to Rules 7421(4), Rule 7424(2), Rule 7426(1), Rule 7432, Rule 7440, Rule 7463(1), and Rule 7464(5). Mr. Knowles seconded the motion. Motion passed.

Discussion on the Appendix. Reminder that the intent is to move this into a guidance document and the enforcement instruction.

Between now and our next meeting, the committee will review the appendix and if items are felt as necessary, they will be brought up at our next meeting for us to work on adding to a guidance document and the enforcement instruction.

We will add one more meeting to go over the draft survey. Meeting scheduled for April 26, 2021, at 9:00 a.m.

The MIOSHA internal committee will work on reviewing the Appendix and determine what items if any are not covered by other standards.

The draft survey will be put together and provided to the committee for review and to discuss at the next meeting.

### **Next Meeting**

Monday, April 5, 2021 at 9:00 a.m.

### **Adjournment**

Meeting adjourned at 12:10 p.m.