

Training Matrix for Structural Fire Control OFCA Fire Service Stratification Concept

	Response Category	<i>OROSHA Subdivision 2 Respiratory 1910.134*</i>	<i>OROSHA Subdivision 2/L OAR 437-002-0182**</i>	<i>HM Aware NFPA 472 CFR 1910.120*</i>	<i>HM Ops NFPA 472 CFR 1910.120*</i>	<i>OROSHA Entry Level * FF NFPA 1403</i>	<i>DPSST FF1 NFPA 1001</i>	<i>DPSST FFII NFPA 1001</i>	<i>DPSST Wildland S-130 S-190</i>	<i>DPSST Wildland S-131</i>
Interior Advanced Structural FF (New)	Level 1 <i>(Hot Zone)</i>	X	X	X	X	X	X	X		
Interior Structural FF (Existing)	Level 1 <i>(Hot Zone)</i>	X	X	X	X	X	X			
Exterior Advanced Structural FF (Existing)	Level 2 <i>(Hot Zone)</i>	X	X No RIC	X	X	X	X ***MVFC			
Exterior Structural FF (Existing)	Level 3 <i>(Warm Zone)</i>		X	X	X	X				
Exterior Natural Cover FF (New)	Level 4			X					X	X
Technical Rescue Training is to be determined by the AHJ; based on local service delivery needs. Training requirements should meet the NFPA Standard 1006 for Rescue Technician Professional Qualification.										

- * Safety Mandates in existing OSHA & OROSHA Regulations
- ** OROSHA Oregon Rules for Fire Fighters OAR 437-002-0182, Division 2L
- *** Motor Vehicle Fire Control: NFPA Fire Fighter I and requires the response personnel to meet the OROSHA Respiratory Standard

Definitions:

- Zones:** NFPA Standard 1081, 3.3.28 Zone
- Cold Zone:** **3.3.28.1 Cold Zone.** The safe area immediately surrounding and outside the boundary of the established warm zone of a fire. Personnel positioned in the cold zone are safe from the adverse effects of a fire. [600:1.5]
- Hot Zone:** **3.3.28.2 Hot Zone.** The area immediately surrounding the physical location of a fire. The outer boundary of the hot zone extends far enough from the fire to protect ~~industrial fire brigade members~~ **personnel** positioned outside the hot zone from being directly exposed to flames, dense smoke, or extreme temperatures. [600: 1.5]
Note this language would need to be edited to reference firefighters rather than fire brigade members. Suggested language change shown.
- Warm Zone:** **3.3.28.3 Warm Zone.** The control area immediately surrounding and outside the boundary of the established hot zone of a fire. The outer boundary of the warm zone extends far enough from the outer boundary of the hot zone to protect personnel positioned outside the warm zone from the adverse effects of the fire. [600: 1.5]
- IDLH Atmosphere** *Immediately dangerous to life or health (IDLH) means an atmosphere that poses an immediate threat to life, would cause irreversible adverse health effects, or would impair an individual's ability to escape from a dangerous atmosphere. 1910.134 Respiratory Protection. Pg I-12*
- Advanced Interior Firefighter:
Response Category Level 1** **NFPA 1001 Professional Qualifications for Structural Firefighter.** Personnel in this classification would be required to meet the NFPA 1001 Standard for Firefighter II in addition to meeting the NFPA 472 Standard for the Operations level and meeting the respiratory requirements set forth in OROSHA Subdivision 2 (CFR 1910.134) and Subdivision 2L (CFR 1910.155 and 1910.165) for structural firefighter/fire brigade member. (Suggested Language)

**Interior Firefighter:
Response Category Level 1**

NFPA 1001 Professional Qualifications for Structural Firefighter.

Personnel in this classification would be required to meet the NFPA 1001 Standard for Firefighter I in addition to meeting the NFPA 472 Standard for the Operations level and the respiratory requirements set forth in OROSHA Subdivision 2 (CFR 1910.134) and Subdivision 2L (CFR 1910.155 and 1910.165) for structural firefighter/fire brigade member. (Referenced from NFPA 1081 Chapter. 7)

**Advanced Exterior Firefighter:
Response Category Level 2**

NFPA 1001 Professional Qualifications for Structural Firefighter.

Personnel in this classification would be required to meet the NFPA 1001 Standard for Firefighter I in addition to meeting the NFPA 472 Standard for the Operations level and the respiratory requirements set forth in OROSHA Subdivision 2 (CFR 1910.134) and Subdivision 2L (CFR 1910.155 and 1910.165) for structural firefighter/fire brigade member. (Referenced from NFPA 1081 Chapter. 7)

Note this classification for firefighter allows for fire control and suppression of motor vehicle fires and may eliminate the need for the establishment of a RIC for operations due to operations at this level being exterior only.

**Exterior Firefighter:
Response Category Level 3**

NFPA 1001 Professional Qualifications for Structural Firefighter.

Personnel in this classification would be required to meet the NFPA 1001 Standard for Firefighter I (as applicable to the OROSHA requirements for Entry Level Firefighter and the NFPA 472 Standard at the Operations level. The role of personnel in this classification would be to operate from a position in the warm zone, (See definitions above.)

**Exterior Natural
Cover Firefighter:
Response Category Level 4**

Natural Cover Qualifications for structural firefighter.

Personnel in this classification are required to meet the NFPA 472 Standard at the Awareness level in addition to the NWCG courses: S-130, S-190 & S-131. (New Language)

Technical Rescue:

NFPA 1006 Rescue Technician Professional Qualifications.

This standard addresses the requirements for Rope Rescue, Surface Water Rescue, Vehicle & Machinery Rescue, Confined Space Rescue, Structural Collapse Rescue, Trench Rescue, subterranean Rescue, Dive Rescue and Wilderness Rescue.