

FIRE SERVICE VEHICLE OPERATOR OBJECTIVES

39-1 Understand orientation to Fire Service Vehicle Operations

- 39-1.1 Identify the Illinois State Fire Marshal, Division of Personnel Standards and Education Requirements for Fire Service Vehicle Operator.
- 39-1.2 Identify the NFPA Standards governing Fire Service Vehicle Operations.
 - 39-1.2.1 NFPA 1002 Standard for Fire Apparatus Driver/Operator Professional Qualifications, 1998 Edition
 - 39-1.2.2 NFPA 1451 Standard for Fire Service Vehicle Operations Training Program, 2002 Edition

39-2 Introduction to Fire Service Vehicle Operations

- 39-2.1 Identify the goals of an Fire Service Vehicle Operator Training Program. *NFPA 1002: 1-2, NFPA 1451: 1-2.1, 1-2.2, 4-2.2, 5-1.1*
- 39-2.2 Identify the importance of an Fire Service Vehicle Operator Training Program. *NFPA 1002: 1-2, NFPA 1451: 1-2.1, 1-2.2*
- 39-2.3 Identify the elements of a comprehensive Fire Service Vehicle Operator Training Program. *NFPA 1451: 1-1-3, 4-2.1, 4-2.1.1, 4-2.1.2, 4-2.2, 4-2.3, 4-2.4, 4-3.1, 4-3.2, 4-3.3, 4-3.4, 4-3.5, 4-3.6, 4-3.6.1, 4-3.6.2, 4-3.7, 4-2.5*

39-3 Identify the extent of the problem.

- 39-3.1 Identify the complexities of driving under emergency conditions and the existence of laws governing an emergency vehicle.
- 39-3.2 Identify the high incidence of accidents involving emergency vehicles and the associated deaths and injuries. *NFPA 1451: 4-.1.2*
- 39-3.3 Identify the types, conditions, and causes of accidents involving emergency vehicles. *NFPA 1451: 9-2.1, 9-2.5*
- 39-3.4 Identify the factors that contribute to the incidence of accidents involving emergency vehicles. *NFPA 1451: 8-1.1*

39-4 Personnel Selection

- 39-4.1 Identify the proper personnel selection procedures that are the first steps in developing an effective program. *NFPA 1451: 8-2.1*
- 39-4.2 Identify the human aspects of driver selection that are an important component of the process.
- 39-4.3 Identify the number of abilities necessary for driving that must be acquired. *NFPA 1451: 5-1.2, 5-1.3*
- 39-4.4 Identify the importance of maintaining accurate and complete personnel records. *NFPA 1451: 5-6.1, 5-6.2*
- 39-4.5 Identify the importance of maintaining proficiency through an on-going training program based on authority having jurisdiction and written Standard Operating Procedures and Standard Operating Guidelines (SOP/SOG's) for personnel and vehicle changes. *NFPA 1451: 5-2.1, 5-2.2, 5-2.5*

39-5 Necessity of Written SOP's or SOG's

- 39-5.1 Identify the reasons that written SOP/SOG's are important to operating an effective driver training program. *NFPA 1451: 4-3.1, 4-3.2, 4-3.3, 4-3.5*
- 39-5.2 Identify the subject areas for written SOP/SOG's that impact the certification, operations, and re-certification of emergency vehicle drivers. *NFPA 1451: 4-3.6.1, 4-3.6.2, 5-3.7, 5-3.8*
- 39-5.3 Identify written SOG/SOPs which impact emergency response procedures. *NFPA 1451: 7-1.1, 7-1.9, 7-2.1, 7-2.2*

39-6 Legal Aspects

- 39-6.1** Identify the changing legal climate which exists and its impact upon emergency vehicle drivers and their organization. *NFPA 1451: 5-3.4, 5-3.6, 6-1.1, 6-1.2, 6-1.3*
- 39-6.2** Identify the primary legal principles which affect drivers and recognize their implications upon emergency vehicle operations. *NFPA 1002: 2-3.1, NFPA 1451: 6-1.1, 6-1.2, 6-1.3, 6-1.4, 8-2.2, 8-3.1, 8-3.1.1, 8-3.1.2, 8-3.2, 8-3.3, 8-3.4, 8-3.5, 8-3.6*
- 39-6.3** Identify the specific state driving laws that affect the emergency vehicle driver. *NFPA 1002: 2-3.1, NFPA 1451: 5-3.4, 6-1.1, 6-1.2, 6-1.3, 6-1.4*
- 39-6.4** Identify the individual state or local laws, standards, and requirements that impact emergency vehicle driver training and operations. *NFPA 1002: 2-3.1, NFPA 1451: 6-1.1, 6-1.2, 6-1.3, 6-1.4, 6-2.1, 6-2.2, 8-2.4, 8-2.5, 8-2.7*

39-7 Vehicle Dynamics

- 39-7.1** Identify the physical forces which act upon vehicles and their impact upon vehicle handling. *NFPA 1002: 2-3.1, NFPA 1451: 5-3.8, 5-3.9*
- 39-7.2** Identify safe driving skills when operating emergency vehicles. *NFPA 1451: 7-1.1, 7-1.2, 7-1.3, 7-1.4, 7-1.4.1, 7-1.4.2, 7-1.5, 7-1.6, 7-1.7, 7-1.8*
- 39-7.3** Identify certain vehicle characteristics that can influence the impact of physical forces on emergency vehicles including brake distances and brake fade. *NFPA 1002: 2-3.1, NFPA 1451: 4-2.5, 5-3.8, 5-3.9, 10-1.3, 10-1.4*

39-8 Vehicle Inspections and Maintenance

- 39-8.1** Identify the value and importance of regular inspections and documentation of the inspections on emergency vehicles. *NFPA 1002: 2-2.1, NFPA 1451: 10-1.1*
- 39-8.2** Identify the major component systems of an emergency vehicle. *NFPA 1002: 2-2.1, 2-3.7*
- 39-8.3** Identify the components of an inspection maintenance program. *NFPA 1451: 10-2.1, 10-2.2, 10-2.2.1, 10-2.2.2, 10-2.3, 10-2.3.1, 10-2.3.2, 10-2.4, 10-2.4.1, 10-2.4.2, 10-2.5*
- 39-8.4** Identify how to perform pre and post-trip inspections. *NFPA 1002: 2-2.1, NFPA 1451: 5-3.5, 10-2.2, 10-2.3.1*
- 39-8.5** Identify the various classes of preventative maintenance and the importance of a preventative maintenance program for emergency vehicles. *NFPA 1002: 2-2.1, NFPA 1451: 10-1.1, 10-2.3*
- 39-8.6** Identify the role of the driver in inspections and maintenance. *NFPA 1002: 2-2.2, NFPA 1451: 10-2.1*
- 39-8.7** Identify the importance of keeping accurate and complete records. *NFPA 1002: 2-2.2, NFPA 1451: 5-3.10, 10-3.1, 10-3.2*

39-9 Emergency Vehicle Operations/Safety

- 39-9.1** Identify that motivation is both physically and mentally based. *NFPA 1002: 1-3, NFPA 1451: 5-1.1, 5-1.2, 5-1.3*
- 39-9.2** Identify the number of important actions which must be completed prior to initiating driving. *NFPA 1451: 4-1.1, 4-1.2, 4-1.3, 4-1.4, 4-1.5, 5-3.1*
- 39-9.3** Identify the emergency response driving is a complex process. *NFPA 1002: 2-3.1 thru 2-3.7, NFPA 1451: 5-2.3, 5-2.4*

39-10 Administrative

- 39-10.1** Identify the procedures for reporting unsafe conditions. *NFPA 1451: 8-1.1, 8-1.1.1, 8-1.1.2, 8-1.1.3*
- 39-10.2** Identify the procedures for crash investigations. *NFPA 1451: 9-1.1, 9-1.2, 9-1.3, 9-1.4, 9-2.1, 9-2.2, 9-2.3, 9-2.3.1, 9-2.4, 9-2.5*

39-11 Emergency Vehicle Competency Course

39-11.1

Identify the elements of training program safety.

NFPA 1451: 5-5.1, 5-5.2, 5-5.3, 5-5.4, 5-5.5, 5-5.6, 5-5.7, 5-5.8, 5-5.8.1, 5-5.8.3, 5-5.8.4, 8-1.2, 8-1.3, 8-1.4, 8-1.4.1, 8-1.4.2, 8-1.5, 8-1.6, 8-1.6.1, 8-1.6.2, 8-1.6.2.2, 8-1.6.2.3, 8-1.6.2.4, 8-1.6.2.5, 8-1.6.2.6, 8-1.6.2.7, 8-1.7

39-11.2

Demonstrate the purpose of successfully completing a competency course. *NFPA 1002: 2-3.1, 2-3.2, 2-3.3, 5-1.2, 5-1.3, 5-2.2, 5-3.2*