



**OFFICE OF THE STATE FIRE MARSHAL
STATEWIDE TRAINING AND EDUCATION ADVISORY COMMITTEE
DEPARTMENT OF FORESTRY AND FIRE PROTECTION**

PO Box 944246
Sacramento, CA 94244-2460
Phone: (916) 445-8444
Website: www.fire.ca.gov



Date: July 17, 2015

Attachment 13

To: Ronny J. Coleman, Chairman
c/o State Fire Training
1131 S. Street,
Sacramento, California 95811

From: Mark Romer, Fire Service Training Specialist

Subject/Agenda Action Item: FSTEP Fire Control 4 Curriculum (2015)

Recommended Actions: Motion to Approve FSTEP Fire Control 4 Curriculum (2015)

Background Information:

This curriculum was presented at the April 2015 STEAC meeting. This is the second reading, as of this date we have not received any feedback or input on the new curriculum

Fire Control 4A (Flammable Gas Fires) and Fire Control 4B (Flammable Liquids Fire) FSTEP courses were written in 1996. The Fire Control 4A was designed to instruct students on how to handle flammable gases. The first half of the class was 3 hours of classroom information and covers the subject of characteristics of flammable gases, their hazards and the tactics of handling these types of incidents. The rest of the program was live fire exercises; this section was 3 hours also for a total of 6 hours of training. The Fire Control 4B was also laid out in the same format but covered flammable liquid incidents; this course was also a total of 6 hour. In most cases the programs were delivered as a combined program in a 12 hour format.

Analysis/Summary of Issue:

The 2015 version of Fire Control 4 was written to the 2013 NFPA 1001 Standard for Firefighter Professional Qualification, chapter 6 (Firefighter II) job performance requirements (JPRs)

6.3.1* Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached.

6.3.3* Control a flammable gas cylinder fire, operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, personal protective equipment, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized and acted upon, and the cylinder is faced during approach and retreat.

From these two JPRs a course plan was developed. An additional section was added to cover elements of pipeline safety. This is major concern throughout the state since they are present in every county and city. The new course now meets the requirements for fighter II and personnel coming out of the program can now have their FFII task book signed off.

All three of the identified manuals used for both Firefighter I and II can now be used for this course and for the section on pipeline emergencies the manual and instructional materials was developed for the DOT and the National Association of Fire Marshals, included are both a student manual and instructor resource.

During the cadre workshop we discussed whether to develop a train the trainer course or move to the use of an instructor task book. The cadre agreed that since all of the other programs similar to Fire Control 4 use a task book we would develop and use a task book for this program also. Both a primary and senior task book were developed. The formatting of this new task book will also become SFT new format for all task books in the future.