

FIRE PROTECTION TRAINING GUIDE - FIRE APPARATUS ENGINEER

4020.5

(No. 11 May 2000)

MINIMUM QUALIFICATIONS

Possession of a valid California driver's license of the appropriate class issued by the Department of Motor Vehicles. Applicants who do not possess the license will be admitted to the examination but must secure the license prior to appointment.

and

Experience:

Either I

Eight months of firefighting experience;

or II

Enrollment in the California Firefighter Joint Apprenticeship Committee Pre-apprenticeship Outreach Program.

and

Three months firefighting experience until December 31, 1983; six months' firefighting experience until December 31, 1984; or eight months' firefighting experience thereafter.

or III

Two years of experience as a certified volunteer firefighter. (Candidates who are within two months of satisfying the experience requirement under Pattern I above for this class will be admitted to the examination, but they must fully meet the experience requirement before being eligible for appointment.)

or IV

Two years of experience as a Fire Prevention Specialist II and successful completion of the mandatory training courses prescribed for a Department of Forestry and Fire Protection Firefighter I.

INDIVIDUAL PROFESSIONAL TRAINING - FIRE APPARATUS ENGINEER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

JOB REQUIRED

Job Required Within First Year - Fire Apparatus Engineer

JOB Required

Basic Fire Academy BFC 1A Orientation/ basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 st responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	none	(*)

Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 st responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	annual evaluation	none	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	none	

Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 st responder; CDF FFI basic	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	

Basic Fire Academy BFC 2B Skills Application	131	CDF Academy	Probationary requirement	SPB Job specification	One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	
Communicable	[2]	Unit	Prior to response	Mandated - CLC 5193(3)	Annual - 1 hour	None	

Disease Awareness				(5) CFR 1910.1030	(min)		
Hazardous Materials: First Responder-Operational	24	Unit	Prior to Response	Mandated - SARA Title III	Annual-8 hours	None	
First Responder Medical – CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety CPR	
Sudden Infant Death Syndrome	[1]	Unit	As part of basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Public Safety CPR – CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	

FAE JAC Syllabus - 1 st Year	144	Unit/Station	Within first 12 months of station assignment	CDF Policy	One time training	None	
Incident Management 1	24	Region/Unit	Within 1 year of initial hire	CDF Policy	One time training	Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; and Basic ICS (I100) or above; or one year as a volunteer driver/operator or volunteer company officer.	

666.5 **Total Hours Job Required Within One Year - Fire Apparatus Engineer**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

Job Required Within Second and/or Third Year - Fire Apparatus Engineer

FAE JAC Syllabus 2nd/3rd Year	144	Unit/Station	Prior to completing the 3rd year of employment	CDF Policy	One time training	1st year JAC Syllabus	
Incident Management 2 - CDF	32	Region/Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; and Basic ICS (I200), and Incident Management 1 - CDF	
Leadership Fundamentals	40	Region		JAC			
Progressive Discipline	8	Unit					

224 **Total Hours Job Required Within Three Years - Fire Apparatus Engineer**

JOB ENHANCEMENT

S-234 Firing Methods and Procedures - NWCG	24	Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; S-290 Intermediate Wildland Fire Behavior; Incident Management 1	
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24 **Total Hours Job Enhancement Training - Fire Apparatus Engineer**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

CAREER DEVELOPMENT

Fire Officer Certification - CSFM	320	CFSTES/ Community College				Fire Fighter II - Certification	(2)
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- NOTES:
- (*) = New Department policy
 - (1) = Hours added to Firefighter Module
 - (2) = Eight Courses
 - CFSTES = California Fire Service Training and Education System
 - (---) = Subject Area Taught in the Course Listed Above

Fire Officer Certification (1998)

- Fire Command 1A
- Fire Command 1B
- Fire Instructor 1A
- Fire Instructor 1B
- Fire Investigation 1A
- Fire Prevention 1A
- I-300
- Fire Prevention 1B
- Fire Management 1
- I-Zone Fire Company Officer
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