

FIRE PROTECTION TRAINING GUIDE - HEAVY FIRE EQUIPMENT OPERATOR

4020.8

(No. 8 May 1999)

MINIMUM QUALIFICATIONS

Possession of the type of California driver's license required by law applicable to the types of heavy motorized vehicles operated on the job. (Applicants who do not possess the required license will be admitted to the examination, but must secure the license prior to the performance.

and

One year of over the highway experience operating Class 8 transport vehicles with multi-speed manual shift transmissions, with a gross vehicle weight of at least 60,000 pounds or greater;

and

One year of experience operating D6 or D7 bulldozers or equivalent size bulldozers produced by other manufacturers. Qualifying bulldozer experience must include at least 500 hours of operation of the specified bulldozers in rugged terrain;

and

Education equivalent to completion of the twelfth grade.

INDIVIDUAL PROFESSIONAL TRAINING - HEAVY FIRE EQUIPMENT OPERATOR

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

JOB REQUIRED

Job Required Within First Year - Heavy Fire Equipment Operator

Firefighter 1 - Basic	67	Unit	Prior to first response	CDF Policy	One time training	None	(*)
First Responder Medical - CDF	46	Unit	Within 1 year of initial hire	CDF Policy	24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	Annual refresher (time optional)	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	4	Unit	Within first year of employment	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Within 1 year of initial hire	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy	4 hours every 2 years thereafter	None	(*)
Hazardous Materials First Responder-Operational	24	Unit	Prior to Response	Mandated - SARA Title III	Annual-8 hours	None	
Heavy Fire Equipment Operator - CDF	275	CDF Academy	Within 1 year of initial hire	SPB Rule	One time training	Class A drivers license, 200 hrs. equipment operation in rough terrain	
I-100 Introduction To ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)

434.00 Total Hours Job Required Within First Year - Heavy Fire Equipment Operator

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

JOB ENHANCEMENT

Progressive Discipline - CDF	8	Academy					
S-290 Intermediate Wildland Fire Behavior - CDF	32	Region/Unit				Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module	
S-234 Firing Methods and Procedures	24	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; S-290 Intermediate Wildland Fire Behavior; Incident Management 1	
Heavy Equipment Mechanic Workshop - CDF	40	CDF Academy					
Forestry Equipment Manager Workshop - CDF	40	CDF Academy					
Fire Mechanic 1 - CFSTES	40	Community College / CSFM					

184 Total Hours Job Enhancement Training

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

CAREER DEVELOPMENT

Chief Officer Certification - CFSTES	400	CFA/CSFM				Community College Degree	(1)
Fire Instructor 1 - Certified CFSTES	80	Region/Unit					
Incident Management 3 - CDF	40	CDF Academy				Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Basic ICS (I-220/200), Incident Management 2.	
S-390 Introduction to Wildland Fire Behavior Calculations	32	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; S-290 Intermediate Wildland Fire Behavior	

NOTES: (*) = New Department policy
 (----) = Subject Area Taught in the Course Listed Above
 (1) = (10 courses)

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[\(see Forms and Form Samples\)](#)