

**APPRENTICE RECORD
HEP OPERATOR
RELATED TRAINING**

BEGINNING W/GROUP #XXXIV-2

SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
1. Bearings	Corps. Of Engineers, Supplement #3	Supplement #3: 3 Study Hours Request and complete Handout Exam.	Supl. 3		
	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 3: Request and complete Handout Exam.	Cha. 3		
2. Lubrication, Pumps, Turbines, and Machine Parts	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 4: 3 Study Hours Request and complete Handout Exam.	Cha. 4		
		Chapter 5: 3 Study Hours Request and complete Handout Exam.	Cha. 5		
		Chapter 6: 3 Study Hours Request and complete Handout Exam.	Cha. 6		
		Chapter 10: 3 Study Hours Request and complete Handout Exam.	Cha. 10		
3. Pumps, Turbines, and Bearings	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #5 - 40 Hours	Instructor Test		
4. Systems Operations	See Chief Operator	Shift assignment to the Area Control Center-40 hours	None		
5. Motors, Generators, and Voltage Regulators	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 19: 3 Study Hours Request and complete Handout Exam.	Cha. 19		
		Chapter 20: 3 Study Hours Request and complete Handout Exam.	Cha. 20		
		Chapter 21: 3 Study Hours Request and complete Handout Exam.	Cha. 21		
		Chapter 22: 3 Study Hours Request and complete Handout Exam.	Cha. 22		
		Chapter 28: 3 Study Hours Request and complete Handout Exam.	Cha. 28		
		Chapter 29: 3 Study Hours Request and complete Handout Exam.	Cha. 29		
6. Motors, Generators, and Voltage Regulators	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #6 - 40 Hours	Instructor Test		

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7. Valves	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 9: 3 Study Hours Request and complete Handout Exam.	Cha. 9		
8. Compressors	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 7: 3 Study Hours Request and complete Handout Exam.	Cha. 7		
	Corps. of Engineers, Supplement #12	Supplement #12: 3 Study Hours Request and complete Handout Exam.	Supl. 12		
9. Fluid Systems	Eaton Industrial Hydraulic Manual TC-101-05-E-1	Chapter 1: 2 Study Hours Request and complete Handout Exam.	Cha. 1		
		Chapter 2: 2 Study Hours Request and complete Handout Exam.	Cha. 2		
		Chapter 3: 2 Study Hours Request and complete Handout Exam.	Cha. 3		
		Chapter 4: 2 Study Hours Request and complete Handout Exam.	Cha. 4		
		Chapter 5: 2 Study Hours Request and complete Handout Exam.	Cha. 5		
		Chapter 6: 2 Study Hours Request and complete Handout Exam.	Cha. 6		
		Chapter 7: 2 Study Hours Request and complete Handout Exam.	Cha. 7		
		Chapter 8: 2 Study Hours Request and complete Handout Exam.	Cha. 8		
10. Plant Auxiliary Equipment (Mech.)	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #7 - 40 Hours	Instructor Test		
11. 2nd Six Month Final Exam	Review all text study material	Field Division Proctor to administer. Closed-book 2nd-Six Month Final Exam	2nd Six Month Final Exam		
12. 2nd Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor	Supervisor Test		