

**APPRENTICE RECORD
HEP OPERATOR
RELATED TRAINING**

BEGINNING W/GROUP #XXXVII

| 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 Request and complete Handout Exam. | Exam | | |
| 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 | | |