

**APPRENTICE RECORD
HEP ELECTRICIAN
RELATED TRAINING**

BEGINNING W/GROUP #XXXII

SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
1. Lubrication	TPC Training Systems #302 Mechanical Maintenance	Unit 302: 15 Study Hours Request and complete Handout Exam.	Unit 302		
2. Bearings	TPC Training Systems #304 Mechanical Maintenance	Unit 304: 15 Study Hours Request and complete Handout Exam.	Unit 304		
3. Pumps	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 6: 10 Study Hours Request and complete Handout Exam.	Cha. 6		
4. Hydraulic Turbines	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 10: 10 Study Hours Request and complete Handout Exam.	Cha. 10		
5. Pumps, Turbines, and Bearings	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #5 - 40 Hours	Instructor Test		
6. Basic Electricity	Electricity One - Seven by: Happy Mileaf	Chapter 7: 15 Study Hours Request and complete Handout Exam.	Cha. 7		
7. Operating and Maintaining Three-Phase Systems	TPC Training Systems #208 Electrical Systems	Unit 208: 15 Study Hours Request and complete Handout Exam.	Unit 208		
8. Generator Voltage Regulators	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 28: 15 Study Hours Request and complete Handout Exam.	Cha. 28		
9. Motors, Generators, and Voltage Regulators	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #6 - 40 Hours	Instructor Test		
10. Basic Hydraulics	TPC Training Systems #307 Mechanical Maintenance	Unit 307: 15 Study Hours Request and complete Handout Exam.	Unit 307		
11. Understanding Basic Pneumatics	TPC Training Systems #309 Mechanical Maintenance	Unit 309: 15 Study Hours Request and complete Handout Exam.	Unit 309		
12. Fans and Compressors	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 7: 10 Study Hours Request and complete Handout Exam.	Cha. 7		
13. Plant Auxiliary Equipment (Mech.)	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #7 - 40 Hours	Instructor Test		
14. 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		
15. 2nd Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor	Supervisor Test		