

POWER PLANT MAINTENANCE PERSON

Course Title	Course Number	Course Duration	Study Unit
Year One			
Learning Strategies	050028	5 hours	Print
Fractions, Percents, Proportions, and Angles	186305	(5 hours)	Print
Metric System	186306	(5 hours)	Print
Formulas	186307	(5 hours)	Print
Pipes, Fittings, and Valves	286041	5 hours	Print
Plumbing and Pipefitting Tools	286042	5 hours	Print
Joining and Assembling Pipes	286043	5 hours	Print
Common Hand Tools	186052 - 186053	10 hours	Print
Rigging Technology Series	286016 - 286021	60 hours	Print
Fundamentals of Metal Cutting	386030	10 hours	Print
Lathes, Part 1	386036	10 hours	Print
Fundamentals of Grinding	386016	10 hours	Print
Precision Measuring Instruments, Part 1	186068	10 hours	Print
Year Two			
Precision Measuring Instruments, Part 2	186069	10 hours	Print
Precision Measuring Instruments, Part 3	186072	10 hours	Print
Ferrous Metals	186088	3 hours	Print
Nonferrous Metals	186089	3 hours	Print
Identification of Metals	186090	3 hours	Print
Fundamentals of Welding	286025 & 286066	20 hours	Print
Pipes and Fittings	5886	10 hours	Print
Steam Boiler Operation and Maintenance	6734	10 hours	Print
Tanks, Pumps, and Boilers	286046	5 hours	Print
Steam Generator Accessories	2585	10 hours	Print
Steam Generator Settings, Ducts, and Stacks	2587	10 hours	Print
Principles of the I-C Engine	2525	10 hours	Print
Troubleshooting Diesel Engines	0A19	10 hours	Print
Diesel Failure Analysis	0A20	10 hours	Print
In-Frame Overhaul, Part 1 (Diesel)	0A24	10 hours	Print
In-Frame Overhaul, Part 2 (Diesel)	0A25	10 hours	Print
Year Three			
Fuel Systems, Part 1 (Diesel)	00A6	10 hours	Print
Fuel Systems, Part 2 (Diesel)	00A7	10 hours	Print
Cooling, Air Intake, and Exhaust Systems (Diesel)	00A9	10 hours	Print
Maintenance of Air Intake, Exhaust, and Cooling Systems (Diesel)	0A22	10 hours	Print
Combustion Turbines	786013	10 hours	Print
Power Plant Auxiliary Equipment	786024	10 hours	Print
Power Plant Boilers and Related Equipment	786026	10 hours	Print

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Year Three (CON'T)

Pumps	286001 - 286003	30 hours	Print
Air Compressors, Part 1	286096	10 hours	Print
Air Compressors, Part 2	286097	10 hours	Print
Bearings and Seals	286093 - 286094	20 hours	Print
Lubrication	286091 - 286092	20 hours	Print

Total Hours Year Three: 160

Estimated Total Curriculum Duration: 449 hours.

Number of Exams: 52

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