

# Generator Engine Overhauling Course Lesson Plan



WEEK	DAY	SESSION CONTENTS
WEEK 1	DAY 1	Understanding the Pipe line layouts of the Generator, Different mountings on the Generator. Understanding precautions and preparation before starting the Decarb. Removal of necessary pipelines and Dismantling of Cylinder head and Piston Connecting Rod Assembly from Cylinder Liners.
	DAY 2	Overhauling of Cylinder head. Lapping of Valves, Overhauling of Air Starting Valve, Discussing the Valve Guide and Seat Renewal procedure. Overhauling of Fuel Pump and Checking and adjusting Fuel Pump timings.
	DAY 3	Removal and Inserting Cylinder liner, Inspection of Main and Thrust Bearings, Calibration of Cylinder liner, Piston Rings, and Connecting Rod ovality, Dye Penetration test of Connecting Rod. Overhauling of attached Lubricating Oil Pump.
	DAY 4	Assembly of Piston Connecting Rod Assembly, Cylinder head. Adjusting Tapett clearances. Overhauling of attached Lubricating Oil Pump. Plotting the Graph of Crankshaft deflection readings.
	DAY 5	Overhauling of Aux. Engine Turbocharger.