

Fitter

Trade Name	: Fitter
Course Duration	: 2 Year
Minimum Qualification	: 10th Pass.
Apprenticeship Training	: 3 Years including 2 year basic Training



❖ Skills Acquired

- 1 Simple marking out according to simple blue print
- 2 Filing/ hack sawing and chipping
- 3 Heat treating operations like hardening, tempering and annealing.
- 4 Rivet lap and butt joint/
- 5 Butt and fillet welds ó Gas & Arc.
- 6 Gas cutting.
- 7 Chucking, centering, plain turning, taper turning, boring and thread cutting.
- 8 Precision marking, fit contours and geometrical figures and make male and female parts.
- 9 Drill holes, counter bore and spot face.
- 10 Use height and depth gauge, micrometer and vernier calipers to an accuracy of 1/1000/100 mm.
- 11 Markup, punching, cutting, chipping and file jobs as per blue prints and able to finish an accuracy of 0.003ø 0.08 mm.
- 12 Operate a bench drill and to drill ream holes.
- 13 Fit dowel pin, studs, bolts and dovetailed sides etc.
- 14 Use of sine bar and slip gauges, inspect angles.
- 15 Remetal, scrap and assemble bearings.
- 16 Make simple jigs & fixtures.
- 17 Dismantle & assemble simple machine parts and accessories.
- 18 Repair broken gear tooth.

❖ Employment Option