

CAREER PATHWAY

MECHANIC DIESEL

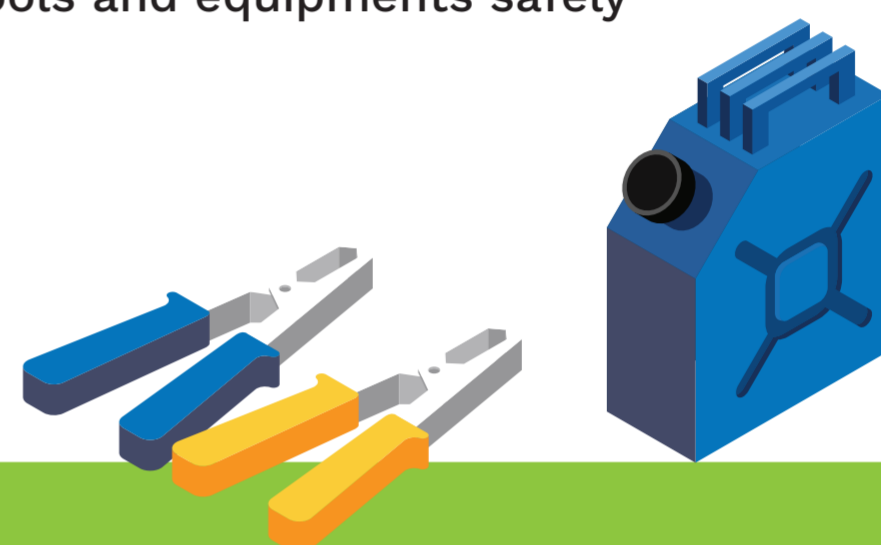


SKILLS TAUGHT IN ITI

- Understand engine components of petrol and diesel engine
- Service diesel engine
- Examine the engine and locate defects using scan tools and instruments
- Rectify faults in fuel feed system - Fuel Injection Pump (FIP), Common Rail Direct Injection (CRDI), and turbocharger
- Service lubrication system, cooling system, starting, and charging system
- Periodical maintenance of diesel engine
- Monitor emissions by gas analyser

SKILLS NEEDED BY COMPANY

- Understand the engine servicing manual
- Work efficiently and maintain deadlines
- Handle tools and equipments safely



JOB OPPORTUNITIES AFTER ITI

- Workshop Assistant ITIs and Engineering institutes
- Central & State Government jobs in Government automobile workshops, regional workshops and transport corporation
- Micro, small, and medium enterprises
- Private companies like TVS, Simpson, Tractors And Farm Equipment Ltd (TAFE) and service stations

CAREER PATHS FOR THIS TRADE

ENTRY LEVEL

Semi-skilled Technician, Helper, Workshop Assistant

MIDLEVEL

Skilled Technician, Foreman, Junior Training officer (JTO), Assistant Training officer (ATO)

SENIOR LEVEL

Manager, Entrepreneur, Self-employed, Training officer

UPSKILLING OPPORTUNITIES

- Apprenticeship (NAC Certificate)
- Craft Instructor Training Scheme (CITS) to become an instructor in ITIs
- Diploma in notified branches of engineering by lateral entry (Full-time/Part-time)

