

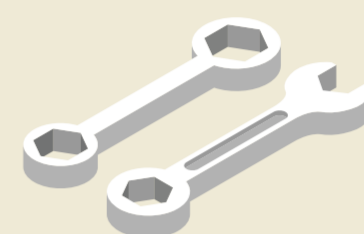
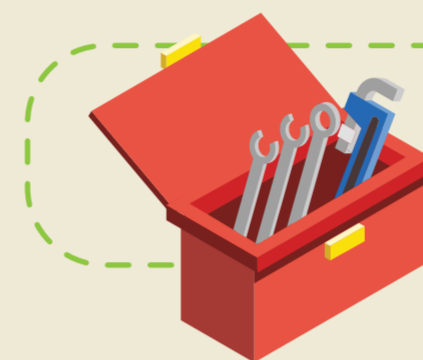
CAREER PATHWAY

PUMP OPERATOR CUM MECHANIC



SKILLS TAUGHT IN ITI

- Servicing and maintenance of diesel engines
- Knowledge of types of lifting equipment
- Rectify faults in reciprocating pumps, rotary pumps, centrifugal pumps, and submersible pumps.
- Maintenance of pump sets
- Servicing of plain/journal bearings & anti-friction bearings
- Rectify faults in case of breakdown
- Replace blown out fuses, burnt coils, switches, & cables
- Rectify faults in Alternating Current (AC) motor pump, Direct On Line (DOL) starter and pipe fitting.
- Carry out repairs in the fuel feed system of the diesel engine

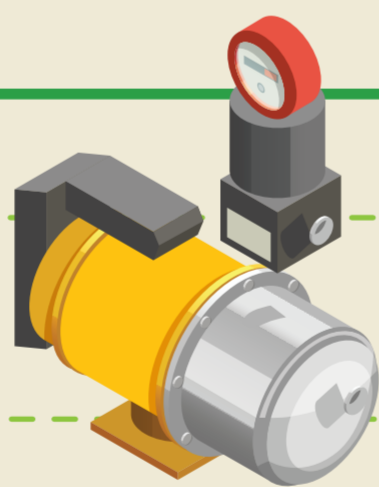


JOB OPPORTUNITIES AFTER ITI

- Tamil Nadu Water Supply and Drainage Department
- Workshop Assistant in Government ITIs, private ITIs, and engineering institutions
- Dams, sugar mills, and chemical factories
- Civil constructions
- Automobile service centers
- Central Government organizations (Railways, Port, Madras Refinery Ltd., Oil corporation, atomic energy power station)
- Theme parks
- Micro, small, & medium enterprises

SKILLS NEEDED BY COMPANY

- Ability to follow service manual
- Handle tools and equipments safely
- Ability to do pipe fitting



CAREER PATHS FOR THIS TRADE

ENTRY LEVEL

Semiskilled Technician, Helper, Workshop Assistant

MID LEVEL

Skilled Technician, Foreman, Junior Technical Officer (JTO)/ Assistant Technical 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 courses in polytechnic colleges