

## CAREER PATHWAY

# MARINE ENGINE FITTER



### SKILLS TAUGHT IN ITI

- Recognize engine parts and their functions
- Dismantle, diagnose defects, troubleshoot and assemble petrol and diesel engine
- Replace and assemble pneumatics and hydraulics in marine engine
- Overhaul air pump, filters, radiator cooling system, and check functionality
- Maintain battery, starter motor, electrical & electronic circuits

### SKILLS NEEDED BY COMPANY

- Knowledge of compressor, pressure gauge, filter regulator lubricator, valves, and actuators in a marine engine
- Plan & erect simple machines
- Test machine tool accuracy
- Handle tools and equipment safely
- Maintenance & repair of marine engines

### JOB OPPORTUNITIES AFTER ITI

- Shipyards
- Harbours
- Government and private automobile workshops
- Self-Employment
- Entrepreneur
- Instructor in ITIs

### CAREER PATHS FOR THIS TRADE

#### ENTRY LEVEL

Apprentice, Helper

#### MID LEVEL

Skilled Technician, Self - Employed, Marine Engine Package Handler

#### SENIOR LEVEL

Supervisor, Diesel Engine Mechanic, Entrepreneur

### UPSKILLING OPPORTUNITIES

- Apprenticeship (NAC Certificate)
- Craft Instructor Training Scheme (CITS) to become an instructor in an ITI
- Diploma courses in polytechnic colleges

