

071106T4IPO

INDUSTRIAL PLANT OPERATIONS LEVEL 6

OPERATE AND MAINTAIN INDUSTRIAL STEAM TURBINES

ENG/OS/POM/CR/02/6

July/August 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET-CDACC)
PRACTICAL ASSESSMENT**

3 HOURS

INSTRUCTIONS TO CANDIDATES

In this assessment, you are required to perform the following tasks on the industrial steam turbine provided,

1. Perform operational steam turbine maintenance safety Procedures
2. Conduct routine and preventative industrial Steam Turbine maintenance.
3. Troubleshoot the industrial Steam Turbine and replace faulty components if any
4. Test run and commission the industrial steam turbine
5. Prepare industrial steam turbine maintenance report

The following resources will be required during the assessment.

- An industrial steam turbine
- Insulated gloves (Clean and heavy duty)
- Pressure gauge
- Assorted hand tools
- Electricity generation and distribution systems A.C / D.C
- Computers with equipment control functions
- Turbine gland sealing equipment

- Tube cleaning brush
- Pressure washer tools and its accessories
- Multi-meter
- Ear protection (muffs or plugs)

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