

**071106T4IPO**

**INDUSTRIAL PLANT OPERATIONS LEVEL 6**

**ENG/OS/POM/CR/05/6**

**Maintain Industrial Pumps**

**July/August 2025**



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

**TIME: 6 Hours**

**PRACTICAL ASSESSMENT**

**INSTRUCTIONS TO CANDIDATE**

1. Time allocation: **20 minutes** for preparation and **5 hours 40 minutes** for performing tasks.
2. You are required to perform the following tasks on a centrifugal pump:
  - a) Assess the condition of the Impeller.
  - b) Service/replace the Impeller.
  - c) Test run and commission.
  - d) Documenting the maintenance.
3. You are provided with the following resources to carry out the tasks:
  - A centrifugal pump
  - File

- Set of ball bearings
- Set of punches
- Assorted wrenches
- Water deflector
- Mechanical seals
- Set of casing rings
- Grease
- Lubricating oil
- Glands packing
- Soft wire brush
- Torch
- Spring
- Bolts
- Special lifting chain
- Wearing ring
- Assorted screwdrivers
- Dial gauge
- Cleaning chemical
- Shaft sleeve
- Asbestos gloves

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