

**071106T4IPO**

**INDUSTRIAL PLANT OPERATIONS LEVEL 6**

**ENG/OS/POM/CR/03/6**

**OPERATE AND MAINTAIN INDUSTRIAL HYDRAULICS SYSTEMS**

**July/August 2025**



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

### **PRACTICAL ASSESSMENT**

#### **INSTRUCTIONS TO CANDIDATE**

1. In this practical assessment you are required to perform the following tasks:
  - i. Prepare a hydraulic system installation layout/plan
  - ii. Install the hydraulic system
  - iii. Perform testing of the hydraulic system
  - iv. Prepare hydraulic system installation report

You will be required to have the following resources for the practical

- Hydraulic system with a reservoir tank
- Operation manual
- Lubrication oil
- Pointed nozzle oil filling bottle
- A set of screw drivers
- Assorted Allen keys
- Wrench
- Cleaning cloth
- A pair of pliers

- Level spirit
- Water
- Working table
- Googles
- Linear actuator
- PPR pipe 5m in length
- PPR pipe coupling- 8 elbow union, 5 male union, 5 female union, 1 Tee union
- Pressure relief valve
- Filter
- Pressure gauge
- Directional control valve
- Overall/dust coat
- Safety boots
- Gloves

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