

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)**

CUTTING LIST

No	Item	Quantity per candidate	Provided By
1.	Hydraulic system with a reservoir tank	1 pc	Institution
2.	Operation manual	1 pc	
3.	Lubrication oil	Enough	
4.	Pointed nozzle oil filling bottle	1 pc	
5.	A set of screw drivers	1 set	
6.	Assorted Allen keys	1 set	
7.	Wrench	1 pc per 5 candidate.	
8.	Cleaning cloth	Enough	
9.	A pair of plier	1 pc	
10.	Level spirit	1pc	
11.	Water	Enough	
12.	Working table	1 pc	
13.	Goggles	1 pair	
14.	Linear Actuator.	1 pc	
15.	PPR Pipe(diameter will depend of on input and output port of the pump, reservoir, actuator, valves)	5m per candidate	
16.	PPR pipe coupling	5 Male union	

		5 Female union 8 Elbow union 1 Tee-union	
17.	Pressure relief valve	1pc	
18.	Filter	1pc	
19.	Pressure gauge.	1pc	
20.	Directional control valve	1 pc	
21.	Overall/dust coat	1 pc	
22.	Safety boots	1 pc	Candidate.
23.	Gloves	1 pc	

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