

071604T4AUT

AUTOMOTIVE MECHANIC LEVEL 4

ENG/OS/AUT/CR/3/4/A

SERVICE AND REPAIR VEHICLE FUEL SYSTEM

July /Aug 2025



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

PRACTICAL ASSESSMENT

INSTRUCTIONS TO ASSESSOR

- i. Assess the candidate as the practical progresses observing the critical areas
- ii. You are required to mark the practical as the candidate perform the tasks
- iii. You are required to take video clips at critical points
- iv. Ensure the candidate has a name tag and registration code at the back and front

Turn over

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK 1: Clean and inspect the fuel tank for leaks, damage and corrosion			
1. Wore the correct Personal Protective Equipment <ul style="list-style-type: none"> • Overall/dust coat • Safety boots <i>(Award 1 mark each or zero)</i>	1 1		
2. Prepared the vehicle and workplace <ul style="list-style-type: none"> • Applied hand brake, • Disconnected battery • Choked vehicle wheels • Selected correct tools <i>(Award 1 mark each or zero)</i>	1 1 1 1		
3. Jacked up and supported the vehicle with safety stands <i>(Award 2 marks each or zero)</i>	2		
4. Located the fuel tank. <i>(Award 2 marks each or zero)</i>	1		
5. Relived fuel pressure safely. <i>(Award 2 marks each or zero)</i>	2		
6. Drained the fuel into a catch container <i>(Award 2 marks each or zero)</i>	2		
7. Disconnected fuel lines/electrical parts safely <i>(Award 2 marks each or zero)</i>	2		

8. Removed tank <ul style="list-style-type: none"> Loosened the bolts securing the tank to the body Supported the tank with a jack Detached the tank from the vehicle body <i>(Award 2 marks each or zero)</i> 	2 2 2		
9. Detached the fuel sender unit <i>(Award 2 marks or zero)</i>	2		
10. Cleaned the tank: <ul style="list-style-type: none"> Cleaned the tank with soapy water Rinsed the tank Dried the tank <i>(Award 2 marks each or zero)</i> 	2 2 2		
11. Re-fitted the drain cork. <i>(Award 1 mark or zero)</i>	1		
12. Inspected the tank for: <ul style="list-style-type: none"> Damages Leakage corrosion <i>(Award 1 mark each or zero)</i> 	1 1 1		
13. Tested leakages using air pressure or soapy water. <i>(Award 2 marks each or zero)</i>	2		
Sub-total 1	35		
TASK 2: Replace a faulty electric fuel pump			
14. Cleaned the pump unit carefully <i>(Award 2 marks each)</i>	2		
15. Visually inspected the pump unit: <ul style="list-style-type: none"> Pump unit filter The float 	2 2		

<ul style="list-style-type: none"> The housing (Award 2 marks each or zero) 	2		
16. Tested the sender unit for functionality (Award 2 marks or zero)	2		
17. Removed the faulty electric pump from the unit (Award 2 marks zero)	2		
18. Reinstalled the new fuel pump to the unit and ensured proper alignment. (Award 2 marks or zero)	2		
19. Refitted the sender unit to the fuel tank (Award 2 marks or zero)	2		
20. Reinstalled the fuel tank to the vehicle (Award 2 marks or zero)	2		
21. Reconnected fuel lines securely (Award 2 marks or zero)	2		
22. Jacked up the vehicle and removed safety stands (Award 2 marks each or zero)	2		
23. Refilled the tank with fuel (Award 1 mark or zero)	1		
24. Started the engine and; <ul style="list-style-type: none"> Checked for leaks Tested the new pump for functionality (Award 2 marks each or zero)	2 2		
25. Performed workshop housekeeping. (Award 2 marks or zero)	2		
26. Finished within time limit (Award 2 marks or zero)	1		
Sub-Total 2	30		
GRAND TOTAL	65		

ASSESSMENT OUTCOME	
The candidate was found to be:	
Competent <input type="checkbox"/>	Not yet Competent <input type="checkbox"/>
<i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>	
Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature _____	Date: _____
Assessor's Signature _____	Date _____