

071606T4ABT

AUTOBODY TECHNOLOGY LEVEL 6

ENG/OS/ABT/CR/05/6/A

Repair Vehicle Body

Mar/Apr 2025



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

PRACT MENT

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

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: REPAIRED THE DENTED VEHICLE BONNET			
1. Wore PPEs • Overall • Goggles • Respirator • Gloves <i>(Award 1 mark each)</i>	1 1 1 1		
2. Identified the extent of damage (deep/s) <i>(Award 1 mark or zero)</i>	1		
3. Straightened the dented bonnet • Performed realignment using realignment hammer and dolly • Performed planishing using planishing hammer and dolly • The contour obtained was as close to the original contour as possible <i>(Award 2 marks each)</i>	2 2 2		
4. Used body file correctly to remove the original paint • Held the body file at the handle and the knob • Chopped and lifted the body file blade <i>(Award 1 mark each)</i>	1 1		

5. Removed all the original paint from the dented section. <i>(Award 3 marks or zero)</i>	3		
6. Carried out sanding to further remove original paint work and rust. - Performed initial sanding using course sand paper using sanding block - Performed secondary sanding using fine sand paper using sanding block - Sanded to obtain smooth surface - Performed dry cleaning using air compressor <i>(Award 3 marks each)</i>	3 3 3 3		
7. Mixed and applied body filler and hardener using spreader and spreading plate - Correct ratio, hardener to body fil - Mixed to obtain homogenous mix - Applied the homogenous mixture using spreader - Let the mixture to settle onto the substrate until the end of exothermic reaction <i>(Award 1 mark each)</i>	1 1 1 1		
8. Performed sanding to smoothen the surface. - Performed initial sanding using course sand paper using sanding block - Performed secondary sanding using fine sand paper using sanding block - Sanded to obtain smooth surface - Performed dry cleaning using air compressor <i>(Award 3 marks each)</i>	3 3 3 3		

9. Applied spot putty to fill in irregular areas/areas not covered by the body filler. (Award 2 marks or zero)	2		
10. Performed dry sanding using fine sand paper (Award 2 marks or zero)	2		
11. Cleaned the surface using soapy water and allowed to dry (Award 2 marks or zero)	2		
Sub-Total 1	50		
TASK 2: SPRAY PAINTED THE BONNET BACK TO ITS ORIGINAL PAINT COLOUR			
12. Masked panel surface that is not to be spray painted using masking paper and masking tape (Award 1 mark or zero)	1		
13. Mixed thinner to primer in the ratio of (Award 1 mark or zero)	1		
14. Cleaned the spray gun using thinner to remove dirt. (Award 1 mark or zero)	1		
15. Filled the gun with mixed primer to the correct level. (Award 1 mark or zero)	1		
16. Set the spray pattern to either horizontal or vertical patterns (Award 1 mark or zero)	1		
17. Sprayed the mixed primer to the substrate - Sprayed the 1st coat and let to dry - Sprayed 2nd coat and let to dry - Sprayed 3rd coat and let to dry (Award 2 marks each)	2 2 2		
18. Cleaned spray gun using thinner. (Award 1 mark or zero)	1		

19. Mixed paint with thinner in the ratio of 1:2 (Award 1 mark or zero)	1		
20. Filled spray gun with mixed paint to the correct level. (Award 1 mark or zero)	1		
21. Applied the mixed paint to the substrate - Applied 1st coat and left to cure - Applied 2nd coat and left to cure - Applied 3rd coat and left to cure (Award 2 marks each or zero)	2 2 2		
22. Cleaned the spray gun using thinner. (Award 1 marks or zero)	1		
23. Unmasked the panel. (Award 1 mark or zero)	1		
24. Polished the repaired surface. (Award 2 marks or zero)	2		
25. Performed house keeping - Cleaned the work area - Disposed all the wastes (Award 1 mark or zero)	1 1		
Sub-Total 2	26		
GRAND TOTAL	76		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent

☐

Not yet Competent

☐

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature	Date:
_____	_____
Assessor's Signature	Date
_____	_____