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Norwegian Embassy
Islamabad



AUTOMOTIVE MECHATRONICS



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ASSESSMENT PACKAGE
National Vocational Certificate Level 3

Version 1 - November, 2019



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Published by

National Vocational and Technical Training Commission
Government of Pakistan

Headquarter

Plot 38, Kirthar Road, Sector H-9/4, Islamabad, Pakistan
www.navttc.org

Responsible

Director General Skills Standard and Curricula, National Vocational and Technical Training Commission
National Deputy Head, TVET Sector Support Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Layout & design

SAP Communications

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This document has been produced with the technical assistance of the TVET Sector Support Programme, which is funded by the European Union, the Federal Republic of Germany and the Royal Norwegian Embassy and has been commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ). The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in close collaboration with the National Vocational and Technical Training Commission (NAVTTTC) as well as provincial Technical Education and Vocational Training Authorities (TEVTAs), Punjab Vocational Training Council (PVTC), Qualification Awarding Bodies (QABs)s and private sector organizations.

Document Version

November, 2019
Islamabad, Pakistan

AUTOMOTIVE MECHATRONICS



ASSESSMENT PACKAGE
National Vocational Certificate Level 3

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Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓		✓		
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Maintain Automatic Transmission as per given instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task						
2	Performance Criteria 2: Selected tools and equipment according to job requirement						
3	Performance Criteria 3: Replaced Torque converter						
4	Performance Criteria 4: Tested vehicle speed sensor						
5	Performance Criteria 5: Replaced transmission fluid strainer						
6	Performance Criteria 6: Changed transmission oil seals						
7	Performance Criteria 7: Ensured housekeeping after completion of task						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Maintain Electronically Controlled Transmission (ECT) as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Tested ECT fluid pressure using pressure tester			
4	Performance Criteria 4: Replaced input and output shaft sensor			
5	Performance Criteria 5: Connected OBD-II Scanner and replace faulty parts			
6	Performance Criteria 6: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio		
Current <input type="checkbox"/>	Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Conserve Power Transmission - I	Assessment Date (DD/MM/YY):		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Conserve Power Transmission - I	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
1. Enlist different types of clutches used in automatic transmission	
2. Enlist main components of torque convertor	
3. How do you check oil pressure in automatic transmission	
4. Enlist different types of sensors in ECT (Electronically Controlled Transmission)	
5. Explain purpose of Oil Cooler in automatic transmission	

Title of Qualification: Automotive Mechatronics	CS Code: 071400956	Level: 3	Version:
Competency Standard Title: Maintain Controlled Brake System	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:.....
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>5. Assessment Task 1: Maintain Antilock Brake System (ABS) as per specific criteria</p> <p>6. Assessment Task 2: Replace ABS Components as per specific criteria</p> <p>And complete:</p> <p>7. Knowledge assessment test (Written or Oral)</p> <p>8. Portfolios at the time of assessment (if any)</p>
	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Connect OBD-II scanner to check faults in ABS</p> <p>Performance Criteria 4: Check wiring harness and connectors of ABS system</p> <p>Performance Criteria 5: Test wheel speed sensor using multimeter</p> <p>Performance Criteria 6: Ensure housekeeping after completion of task</p>
	<p>Assessment Task 2</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Check brake fluid inlet and outlet lines</p> <p>Performance Criteria 4: Check return motor connection</p> <p>Performance Criteria 5: Clean and refit the connectors</p> <p>Performance Criteria 6: Ensure housekeeping after completion of task</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓		✓		
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Maintain Antilock Brake System (ABS) as per given instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task						
2	Performance Criteria 2: Selected tools and equipment according to job requirement						
3	Performance Criteria 3: Connected OBD-II scanner to check faults in ABS						
4	Performance Criteria 4: Checked wiring harness and connectors of ABS system						
5	Performance Criteria 5: Tested wheel speed sensor using multimeter						
6	Performance Criteria 6: Ensured housekeeping after completion of task						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Replace ABS Components as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Checked brake fluid inlet and outlet lines			
4	Performance Criteria 4: Checked return motor connection			
5	Performance Criteria 5: Cleaned and refit the connectors			
6	Performance Criteria 6: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio		
Current <input type="checkbox"/>	Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Maintain Controlled Brake System	Assessment Date (DD/MM/YY):		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Maintain Controlled Brake System	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
6. ABS stands for?	
7. What are the main components of ABS system?	
8. What is the main function of ABS Pressure modulator?	
9. What is the main function of ABS Return motor?	
10. Why do we have four wheel sensors instead of one?	

Title of Qualification: Automotive Mechatronics	CS Code: 071400954	Level: 3	Version:
Competency Standard Title: Maintain Fuel Control System-I	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:.....
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>9. Assessment Task 1: Maintain EFI system as per specified criteria 10. Assessment Task 2: Maintain common rail diesel injection system as per specified criteria</p> <p>And complete:</p> <p>11. Knowledge assessment test (Written or Oral) 12. Portfolios at the time of assessment (if any)</p>
	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task Performance Criteria 2: Select tools and equipment as per job requirement Performance Criteria 3: Perform scanning of Electronic Control Unit (ECU) Performance Criteria 4: Test Mass Air Flow (MAF) sensor using multimeter Performance Criteria 5: Test throttle Valve position sensor Performance Criteria 6: Check Engine coolant temperature (ECT) sensor Performance Criteria 7: Ensure housekeeping after completion of task</p> <p>Assessment Task 2</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task Performance Criteria 2: Select tools and equipment as per job requirement Performance Criteria 3: Service Diesel injectors Performance Criteria 4: Check Fuel pressure at fuel rail inlet and outlet Performance Criteria 5: Ensure housekeeping after completion of task</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓		✓		
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Maintain EFI system as per given instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task						
2	Performance Criteria 2: Selected tools and equipment according to job requirement						
3	Performance Criteria 3: Performed scanning of Electronic Control Unit (ECU)						
4	Performance Criteria 4: Tested Mass Air Flow (MAF) sensor using multimeter						
5	Performance Criteria 5: Tested throttle Valve position sensor						
6	Performance Criteria 6: Checked Engine coolant temperature (ECT) sensor						
7	Performance Criteria 7: Ensured housekeeping after completion of task						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Maintain Common Rail Diesel Injection System as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Serviced Diesel injectors			
4	Performance Criteria 4: Checked Fuel pressure at fuel rail inlet and outlet			
5	Performance Criteria 5: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio			
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks	
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.				
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>			

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Maintain Fuel Control System-I	Assessment Date (DD/MM/YY):		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Maintain Fuel Control System-I	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
11. What are the advantages of EFI System?	
12. What are different types of EFI sensor?	
13. Name different types of EFI actuators?	
14. What MAF Stands for?	
15. What CMP stands for?	
16. What is the main purpose of a fuel pump in a gasoline fuel system?	

Title of Qualification: Automotive Mechatronics	CS Code: 071400953	Level: 3	Version:
Competency Standard Title: Maintain Ignition System		Assessment Date (DD/MM/YY):	

Candidate Details	Name: Registration/Roll Number:.....
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>13. Assessment Task 1: Maintain Contact Breaker Ignition System 14. Assessment Task 2: Maintain Coil on Plug (COP) system</p> <p>And complete:</p> <p>15. Knowledge assessment test (Written or Oral) 16. Portfolios at the time of assessment (if any)</p>
	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task Performance Criteria 2: Select tools and equipment as per given task Performance Criteria 3: Check Electrolyte gravity and battery voltage Performance Criteria 4: Check ignition coil using Multimeter Performance Criteria 5: Replace Contact Breaker point Performance Criteria 6: Adjust firing order Performance Criteria 7: Replace Spark plugs along condenser Performance Criteria 8: Ensure housekeeping after completion of task</p> <hr/> <p>Assessment Task 2</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task Performance Criteria 2: Select tools and equipment as per given task Performance Criteria 3: Check Ignition coil resistance using multimeter Performance Criteria 4: Connect OBD-II scanner for scanning and note down the fault Performance Criteria 5: Rectify the faults Performance Criteria 6: Ensure housekeeping after completion of task</p> <hr/> <p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓		✓		
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Maintain Contact Breaker Ignition System as per given instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task						
2	Performance Criteria 2: Selected tools and equipment according to job requirement						
3	Performance Criteria 3: Checked Electrolyte gravity and battery voltage						
4	Performance Criteria 4: Replaced Contact Breaker point						
5	Performance Criteria 6: Adjusted firing order						
6	Performance Criteria 7: Replaced Spark plugs along condenser						
7	Performance Criteria 8: Ensured housekeeping after completion of task						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Maintain Coil on Plug (COP) system as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Check Ignition coil resistance using multimeter			
4	Performance Criteria 4: Connect OBD-II scanner for scanning and note down the fault			
5	Performance Criteria 5: Rectify the faults			
6	Performance Criteria 6: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Maintain Ignition System	Assessment Date (DD/MM/YY):		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Maintain Ignition System	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
17. Name different types of Spark Ignition Systems?	
18. What are the two windings used in ignition coil?	
1. What is the point gap in Contact Breaker Ignition System	
2. What is the range of high voltage in ignition system?	
3. Name main components of ignition system?	

Title of Qualification: Automotive Mechatronics	CS Code: 071400952	Level: 3	Version:
Competency Standard Title: Perform Engine Tuning	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>17. Assessment Task 1: Adjust Engine Idle Speed Air Fuel Ratio as per specific criteria</p> <p>18. Assessment Task 2: Adjust Air Fuel Ratio as per given instruction</p> <p>19. Assessment Task 3: Adjust Tappet Clearance as per specific criteria</p> <p>20. Assessment Task 4: Clean/Adjust/Replace Spark Plugs</p> <p>And complete:</p> <p>21. Knowledge assessment test (Written or Oral)</p> <p>22. Portfolios at the time of assessment (if any)</p>
	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Adjust engine idle speed by adjusting throttle valve adjusting screw</p> <p>Performance Criteria 4: Ensure housekeeping after completion of task</p>
	<p>Assessment Task 2</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Find the adjustment screws on the carburettor</p> <p>Performance Criteria 4: Start the engine and warm-up to normal operating temperature</p> <p>Performance Criteria 5: Adjust screw to find the right mixture</p> <p>Performance Criteria 6: Ensure housekeeping after completion of task</p>

	<p>Assessment Task 3</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Remove tappet cover and related parts</p> <p>Performance Criteria 4: Turn the crankshaft to close the intake and exhaust valves</p> <p>Performance Criteria 5: Use feeler gauge to adjust tappet clearance as per workshop manual</p> <p>Performance Criteria 6: Refit all parts with defined procedure</p> <p>Performance Criteria 7: Ensure housekeeping after completion of task</p>
	<p>Assessment Task 4</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Disconnect and clean spark plug wire</p> <p>Performance Criteria 4: Remove and clean spark plugs</p> <p>Performance Criteria 5: Adjust plug gaps as per standard if required</p> <p>Performance Criteria 6: Replace spark plugs with new ones.</p> <p>Performance Criteria 7: Ensure housekeeping after completion of task</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓		✓		
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Adjust Engine Idle Speed as per given instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task						
2	Performance Criteria 2: Selected tools and equipment according to job requirement						
3	Performance Criteria 4: Adjusted engine idle speed by adjusting throttle valve adjusting screw						
4	Performance Criteria 5: Ensured housekeeping after completion of task						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Adjust Air Fuel Ratio as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Found the adjustment screws on the carburettor			
4	Performance Criteria 4: Started the engine and warm-up to normal operating temperature			
5	Performance Criteria 5: Adjusted screw to find the right mixture			
6	Performance Criteria 6: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3 Adjust Tappet Clearance as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance Criteria 3: Removed tappet cover and related parts			
4	Performance Criteria 4: Turned the crankshaft to close the intake and exhaust valves			
5	Performance Criteria 5: Used feeler gauge to adjust tappet clearance as per workshop manual			
6	Performance Criteria 6: Refitted all parts with defined procedure			
7	Performance Criteria 7: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 4		Description of assessment task 4 Clean/Adjust/Replace Spark Plugs as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance Criteria 3: Cleaned spark plug leads			
4	Performance Criteria 4: Removed and clean spark plugs			
5	Performance Criteria 5: Adjusted plug gaps as per standard if required			
6	Performance Criteria 6: Replaced spark plugs with new ones			
7	Performance Criteria 7: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Perform Engine Tuning	Assessment Date (DD/MM/YY):		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Perform Engine Tuning	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
19. Name different types of filter used in a vehicle?	
20. At which stroke do we set tappet clearance and why?	
21. How to adjust engine idle speed?	
22. What is the main purpose of ignition system	
23. Which tools do we use to set tappet clearance?	

Title of Qualification: Automotive Mechatronics	CS Code: 071400951	Level: 3	Version:
Competency Standard Title: Perform General Inspection	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:.....
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>23. Assessment Task 1: Inspect Mechanical and Electrical Failure as per specific criteria</p> <p>24. Assessment Task 2: Prepare Job Card via road testing as per specific criteria</p> <p>And complete:</p> <p>25. Knowledge assessment test (Written or Oral)</p> <p>26. Portfolios at the time of assessment (if any)</p>
	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per given task</p> <p>Performance Criteria 3: Check Brake fluid, coolant and engine oil level</p> <p>Performance Criteria 4: Check Battery voltage and specific gravity of electrolyte using hydrometer</p> <p>Performance Criteria 5: Check the alternator output voltage with DMM (digital multi-meter)</p> <p>Performance Criteria 6: Accelerate the engine to check engine noise</p> <p>Performance Criteria 7: Ensure housekeeping after completion of task</p>
	<p>Assessment Task 2</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per given task</p> <p>Performance Criteria 3: Perform road test as per standard procedure</p> <p>Performance Criteria 4: Check the wheel alignment during driving</p> <p>Performance Criteria 5: Note down the faults on job card</p> <p>Performance Criteria 6: Ensure housekeeping after completion of task</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓		✓		
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1 Inspect Mechanical and Electrical Failure as per given instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task						
2	Performance Criteria 2: Selected tools and equipment according to job requirement						
3	Performance Criteria 3: Checked Brake fluid, coolant and engine oil level						
4	Performance Criteria 4: Checked Battery voltage and specific gravity of electrolyte using hydrometer						
5	Performance Criteria 5: Checked the alternator output voltage with DMM (digital multi-meter)						
6	Performance Criteria 6: Accelerated the engine to check engine noise						
7	Performance Criteria 7: Ensured housekeeping after completion of task						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2 Prepare Job Card via road testing as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Performed road test as per standard procedure			
4	Performance Criteria 4: Checked the wheel alignment during driving			
5	Performance Criteria 5: Noted down the faults on job card			
6	Performance Criteria 6: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio			
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks	
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.				
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>			

Title of Qualification: Automotive Mechatronics	CS Code:	Level:3	Version:
Competency Standard Title: Perform General Inspection	Assessment Date (DD/MM/YY):		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Perform General Inspection	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
24. Which instrument do we use to check specific gravity of electrolyte?	
25. Which instrument do we use to check battery voltage?	
26. What are the main factors relate to non-starting of engine?	
27. What mandatory checkups to be done before starting an engine?	1.
28. What DTC stands for?	

Title of Qualification: Automotive Mechatronics	CS Code: 071400958	Level: 3	Version:
Competency Standard Title: Perpetuate Controlled Electrical & Electronics System - I	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:.....
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>27. Assessment Task 1: Service Windshield Wash and wiper system as per specific criteria</p> <p>28. Assessment Task 2: Diagnose and repair Electronic system through OBD-II sensor</p> <p>And complete:</p> <p>29. Knowledge assessment test (Written or Oral)</p> <p>30. Portfolios at the time of assessment (if any)</p>
	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Test function of rain sensor</p> <p>Performance Criteria 4: Test performance of pump and wiper motors</p> <p>Performance Criteria 5: Replace faulty parts</p> <p>Performance Criteria 6: Ensure housekeeping after completion of task</p>
	<p>Assessment Task 2</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Check gauges of instrument panel</p> <p>Performance Criteria 4: Check performance of indicators and warning lights</p> <p>Performance Criteria 5: Connect OBD-II Scanner</p> <p>Performance Criteria 6: Replace the faulty sensors and actuators</p> <p>Performance Criteria 7: Ensure housekeeping after completion of task</p>

Assessment Task 2		Description of assessment task 2 Diagnose and repair Electronic system through OBD-II sensor as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Checked gauges of instrument panel			
4	Performance Criteria 4: Checked performance of indicators and warning lights			
5	Performance Criteria 5: Connected OBD-II Scanner and replace faulty ones			
6	Performance Criteria 6: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Perpetuate Controlled Electrical & Electronics System - I	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
29. Define Motors and explain its types?	
30. Define Sensors and their types?	
31. Identify different indicators and warning lights?	
32. Enlist different types of gauges and meter used in instrument panel?	
33. Enlist main components of windshield wash & wiper system?	

Title of Qualification: Automotive Mechatronics	CS Code: 071400955	Level: 3	Version:
Competency Standard Title: Service Comfort and Safety System-I	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>31. Assessment Task 1: Maintain Power Window & Central Locking System</p> <p>32. Assessment Task 2: Service Heat Ventilating and Air-Conditioning (HVAC) system</p> <p>And complete:</p> <p>33. Knowledge assessment test (Written or Oral)</p> <p>34. Portfolios at the time of assessment (if any)</p>
	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Diagnose faults in power window system and rectify the faults</p> <p>Performance Criteria 4: Diagnose faults in central locking system and rectify the faults</p> <p>Performance Criteria 5: Check fuse, relays, electrical wire harness and connectors</p> <p>Performance Criteria 6: Check power window motors</p> <p>Performance Criteria 7: Ensure housekeeping after completion of task</p>
	<p>Assessment Task 2</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment as per job requirement</p> <p>Performance Criteria 3: Check blower fan and rectify failures.</p> <p>Performance Criteria 4: Test performance of thermostat and rectify failures</p> <p>Performance Criteria 5: Test performance of AC compressor and rectify failures</p> <p>Performance Criteria 6: Test performance of AC condenser and rectify failures</p> <p>Performance Criteria 7: Test performance receiver/dryer or accumulator and rectify failures.</p> <p>Performance Criteria 8: Test performance of expansion valve and rectify failures.</p> <p>Performance Criteria 9: Perform refrigerant leak test</p> <p>Performance Criteria 10: Re-charge AC refrigerant and test the system</p> <p>Performance Criteria 11: Ensure housekeeping after completion of task</p>

Assessment Task 1		Description of assessment task 1 Maintain Power Window & Central Locking System as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance Criteria 3: Diagnosed faults in power window system and rectify the faults			
4	Performance Criteria 4: Diagnosed faults in central locking system and rectify the faults			
5	Performance Criteria 5: Checked fuse, relays, electrical wire harness and connectors			
6	Performance Criteria 6: Checked power window motors			
7	Performance Criteria 7: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 2		Description of assessment task 2 Service Heat Ventilating and Air-Conditioning (HVAC) system as per given instruction		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance Criteria 2: Selected tools and equipment according to job requirement			
3	Performance criteria 3: Checked blower fan and rectify failures.			
4	Performance Criteria 4: Tested performance of thermostat and rectify failures			
5	Performance Criteria 5: Tested performance of AC compressor and rectify failures			
6	Performance Criteria 6: Tested performance of AC condenser and rectify failures			
7	Performance Criteria 7: Tested performance receiver/dryer or accumulator and rectify failures			
8	Performance Criteria 8: Tested performance of expansion valve and rectify failures.			
9	Performance Criteria 9: Performed refrigerant leak test			
10	Performance Criteria 10: Re-charge AC refrigerant and test the system			
11	Performance Criteria 7: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio			
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks	
1	Performance criteria 1 for the evaluation of portfolio: Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration.				
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>			

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Service Comfort & Safety System-I	Assessment Date (DD/MM/YY):		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Service Comfort & Safety System-I	Assessment Date (DD/MM/YY):		

WRITTEN ASSESSMENT

Question	Candidate's answer
34. Name main components of Air-conditioning system?	
35. How does AC clutch work?	
36. What is the main function of thermostat in engine cooling system	
37. What are the two pressure lines in AC system	
38. What does expansion valve do in AC system?	

Title of Qualification: Automotive Mechatronics	CS Code:	Level: 3	Version:
Competency Standard Title: Integrated Assessment Lev 3	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following tasks within the given time frame (for practical demonstration & assessment):</p> <p>35. Assessment Task 1: Clean/Adjust/Replace Contact Breaker Point as per vehicle's manual</p> <p>36. Assessment Task 2: Perform Maintenance of Automatic Transmission as per vehicle's manual</p> <p>37. Assessment Task 3: Perform Road Test and Prepare Job Card as per given instructions</p> <p>And complete:</p> <p>38. Knowledge assessment test (Written or Oral)</p> <p>39. Portfolios at the time of assessment (if any)</p>
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>1. Assessment Task 1: Clean/Adjust/Replace Contact Breaker Point as per vehicle's manual</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment for the given task</p> <p>Performance Criteria 3: Clean and adjust Contact Breaker point</p> <p>Performance Criteria 4: Replace Contact Breaker point</p> <p>Performance Criteria 5: Clean distributor cap segments</p> <p>Performance Criteria 6: Ensure housekeeping after completion of task</p>

	<p>2. Assessment Task 2: Perform Maintenance of Automatic Transmission as per vehicle's manual</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment for the given task</p> <p>Performance Criteria 3: Test automatic transmission fluid pressure</p> <p>Performance Criteria 4: Test/Replace vehicle speed sensor</p> <p>Performance Criteria 5: Check/Replace multi-plate clutches</p> <p>Performance Criteria 6: Check/Replace transmission fluid strainer</p> <p>Performance Criteria 7: Check/replace valve body</p> <p>Performance Criteria 8: Check/Replace torque converter</p> <p>Performance Criteria 9: Check/Replace transmission oil seals</p> <p>Performance Criteria 10: Maintain/replace automatic transmission fluid</p> <p>Performance Criteria 11: Ensure housekeeping after completion of task</p>
	<p>3. Assessment Task 3: Perform Road Test and Prepare Job Card as per given instructions</p> <p>Performance Criteria 1: Apply relevant health and safety requirements during completion of task</p> <p>Performance Criteria 2: Select tools and equipment for the given task</p> <p>Performance Criteria 3: Perform road test applying correct procedure</p> <p>Performance Criteria 4: Accelerate the engine to check engine noise</p> <p>Performance Criteria 5: Apply brake to check loose parts and noisy suspension</p> <p>Performance Criteria 6: Check the wheel alignment during driving</p> <p>Performance Criteria 7: Prepare Job Card by enlisting mechanical, electrical, electronic and hydraulic faults in vehicle</p> <p>Performance Criteria 8: Ensure housekeeping after completion of task</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1 for the evaluation of portfolio : Submit note book or practical activity journal, completed during this specific module, for relevant activity with drawing/illustration</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓		✓		
Knowledge Assessment	✓	✓					
Other Requirement				✓			

Each Assessment Task (with performance criteria)				
Assessment Task 1		Description of assessment task 1 Clean/Adjust/Replace Contact Breaker Point as per vehicle's manual		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance criteria 2: Selected tools and equipment for the given task			
3	Performance criteria 3: Cleaned and adjust Contact Breaker point			
4	Performance Criteria 4: Replaced Contact Breaker point			
5	Performance Criteria 5: Cleaned distributor cap segments			
6	Performance Criteria 6: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 2		Description of assessment task 2 Perform Maintenance of Automatic Transmission as per vehicle's manual		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance criteria 2: Selected tools and equipment for the given task			
3	Performance criteria 3: Tested automatic transmission fluid pressure			
4	Performance Criteria 4: Tested/Replaced vehicle speed sensor			
5	Performance Criteria 5: Checked/Replaced multi-plate clutches			
6	Performance Criteria 6: Checked/Replaced transmission fluid strainer			
7	Performance Criteria 7: Checked/replaced valve body			
8	Performance Criteria 8: Checked/Replaced torque converter			
9	Performance Criteria 9: Checked/Replaced transmission oil seals			
10	Performance Criteria 10: Maintained/replaced automatic transmission fluid			
11	Performance Criteria 11: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3 Perform Road Test and Prepare Job Card as per given instructions		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance criteria 1: Applied relevant health and safety requirements during completion of task			
2	Performance criteria 2: Selected tools and equipment for the given task			
3	Performance criteria 3: Performed road test applying correct procedure			
4	Performance Criteria 4: Accelerated the engine to check engine noise			
5	Performance Criteria 5: Applied brake to check loose parts and noisy suspension			
6	Performance Criteria 6: Checked the wheel alignment during driving			
7	Performance Criteria 7: Prepared Job Card by enlisting mechanical, electrical, electronic and hydraulic faults in vehicle			
8	Performance Criteria 8: Ensured housekeeping after completion of task			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

