

Reference No.																			
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SELF-ASSESSMENT GUIDE

Qualification	AUTOMOTIVE SERVICING (ELECTRICAL REPAIR) NC II		
Units of Competency Covered	<input type="checkbox"/> Service manual air-conditioner system <input type="checkbox"/> Diagnose and repair manual air-conditioner system <input type="checkbox"/> Repair manual air-conditioner compressor magnetic clutch <input type="checkbox"/> Diagnose and repair ignition system <input type="checkbox"/> Diagnose and repair starting system <input type="checkbox"/> Diagnose and repair charging system <input type="checkbox"/> Diagnose and repair body electrical system		
Instruction:			
<input type="checkbox"/> Read each question and check the appropriate column to indicate your answer.			
Can I?	YES	NO	
PERFORM PREPARATORY ACTIVITIES			
<input type="checkbox"/> Identify the job required based on the Job/Repair Order *			
<input type="checkbox"/> Select and check serviceability of needed diagnostic/dismantling tools, equipment and materials *			
SERVICE MANUAL AIR-CONDITIONER SYSTEM			
<input type="checkbox"/> Perform visual inspection of air-con system for preventive maintenance*			
<input type="checkbox"/> Perform system performance tests following manufacturer's repair manual *			
<input type="checkbox"/> Service manual air-conditioning system following manufacturer's manual			
<input type="checkbox"/> Perform final inspection to check the quality of servicing done on manual air-conditioner system			
DIAGNOSE AND REPAIR MANUAL AIR-CONDITIONER SYSTEM			
<input type="checkbox"/> Identify malfunction/s on manual air-conditioner system and its causes by troubleshooting and performing diagnostic tests *			
<input type="checkbox"/> Identify the appropriate repair procedure based on the diagnostic results *			
<input type="checkbox"/> Perform necessary repair/replace or adjustment procedure of identified defective components following manufacturer's repair manual *			
<input type="checkbox"/> Perform final inspection to check the quality of repair done on manual air-conditioner system			
REPAIR MANUAL AIR-CONDITIONER COMPRESSOR MAGNETIC CLUTCH			
<input type="checkbox"/> Remove and inspect magnetic clutch and its components by using appropriate tools *			
<input type="checkbox"/> Install magnetic clutch components according to manufacturer's repair manual *			
<input type="checkbox"/> Check installation by measuring tolerances, resistances and clearances according to manufacturer's repair manual			

	YES	NO
<input type="checkbox"/> Perform final inspection to check the quality of repair done in compressor magnetic clutch		
DIAGNOSE AND REPAIR IGNITION SYSTEM		
<input type="checkbox"/> Identify malfunction/s on ignition system through inspection following manufacturer's repair manual *		
<input type="checkbox"/> Perform necessary repair/replacement or adjustment procedure on identified defects in ignition system components *		
<input type="checkbox"/> Perform final inspection to check the quality of repair done		
DIAGNOSE AND REPAIR STARTING SYSTEM		
<input type="checkbox"/> Identify malfunction/s on starting system based on diagnostic tests and inspection findings *		
<input type="checkbox"/> Identify the appropriate repair procedure based on the inspection results (ex. replace armature coil, field oil, bearings, magnetic switch, etc.) *		
<input type="checkbox"/> Perform necessary repair/replacement or adjustment procedure on identified defects in starting system components *		
<input type="checkbox"/> Perform final inspection to check the quality of repair done on starting system components		
DIAGNOSE AND REPAIR CHARGING SYSTEM		
<input type="checkbox"/> Identify malfunction/s on charging system based on the inspection results *		
<input type="checkbox"/> Identify the appropriate repair procedure based on the inspection results (ex. replace rotor shaft bearing, replace carbon brush, etc.) *		
<input type="checkbox"/> Perform necessary repair/replacement or adjustment procedure on identified defects in charging system components *		
<input type="checkbox"/> Perform final inspection to check the quality of repair done		
DIAGNOSE AND REPAIR BODY ELECTRICAL SYSTEM		
<input type="checkbox"/> Identify malfunction/s on body electrical system based on the inspection results *		
<input type="checkbox"/> Identify the appropriate repair procedure based on the inspection results (ex. soldering of wires, replace fuse, relays, switches and bulbs, etc.) *		
<input type="checkbox"/> Perform necessary repair/replacement or adjustment procedure on identified defects in body electrical system components *		
<input type="checkbox"/> Perform final inspection to check the quality of repair done		
PERFORM POST-ACTIVITIES		
<input type="checkbox"/> Record inspection findings, irregularities and/or recommendations (IF ANY) in the Job/Repair Order		
<input type="checkbox"/> Clean and store tools, supplies, equipment, demo or mock-up vehicle		
OBSERVES WORK ENVIRONMENT, HEALTH, SAFETY AND PRACTICES		
<input type="checkbox"/> Clean work area and practice good housekeeping		
<input type="checkbox"/> Practice 3 Rs (reduce, recycle, re-use) and proper waste disposal, according to environmental standards *		

J Identify hazards and risks associated with work		
J Use appropriate PPE		
J Practice works safety and health measures in performing tasks		
I agree to undertake assessment with the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.		
Candidate's Name and Signature	Date	