

National Occupational Skill Standard (NOSS)

Occupational Title : Motorcycle Service Mechanic

Level : 1

Sector : Automobile Engineering

Sub - Sector : Two Wheeler

NOSS ID/NSCO ID :

ISCO NO :



Council for Technical Education and Vocational Training
NATIONAL SKILL TESTING BOARD
Madhyapur Thimi-17, Sanothimi, Bhaktapur, Nepal



2045

Developed: 20-12-2021 (05-09-2078)

The National Skill Standards and Test was developed by:

- | | | |
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Approved by the Tripartite National Skill Testing Board, 1991



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The National Skill Standard and Test was Revised by:

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Recommended by Automobile Technical Sub Committee: June 2015 (Jestha 2072)



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The National Skill Standard and Test was Revised by:

No.	Name	Designation	Organization
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Recommended by Automobile Technical Sub Committee: 20 December 2021 (05 Pausa 2078)



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1	Occupational Title: Motorcycle Service Mechanic Level: 1
2	Job Description: Motorcycle Service Mechanic, L-1 performs general servicing of mechanical and electrical systems of two-wheeler.
3	UNITS OF COMPETENCY: 1. Perform general servicing 2. Perform electrical servicing 3. Perform communication 4. Develop professionalism <i>*Note: Unit 3 and 4 are not for testing purpose.</i>
4	Qualifying Notes/Prerequisites: <ul style="list-style-type: none"> • Physical Requirement: Sound health • Entry Requirement: As per NSTB rules. Additional Information: <ul style="list-style-type: none"> • Assessment Types: Performance Test only. • Assessment Duration: 4 to 5 Hrs • Recommended Group Size: 6 to 8 candidates



5	Unit No:1		Unit code:
	Unit Title: Perform general servicing		
	Elements of competency	Performance standards	
	1.1 Prepare tools, equipment and material	1.1.1 Personal protective equipment (PPE) used in accordance with organization standard. 1.1.2 Tools, equipment and materials checked and collected as per task requirement. 1.1.3 Two-wheeler raised on central stand stably.	
	1.2 Perform washing	1.2.1 Dust particles and grease/oil removed from two-wheeler. 1.2.2 Sensitive components covered with plastic to prevent damage from water pressure. 1.2.3 Two-wheeler washed without damaging components. 1.2.4 Two-wheeler wiped, dried and polished evenly.	
1.3 Change engine oil and oil filter	1.3.1 Engine oil drained completely from a warm engine in a container without spilling outside. 1.3.2 Dust and metallic particles removed. 1.3.3 Drain plug cleaned and installed without damaging seal. 1.3.4 Engine oil filter replaced with new one after filling engine oil in the filter. 1.3.5 Specified grade of engine oil filled to specified level. 1.3.6 Filler cap fitted in specified torque without damaging seal. 1.3.7 Spilled oil cleaned from engine.		
1.4 Change transmission oil	1.4.1 Transmission oil level and oil condition checked. 1.4.2 Transmission oil drained completely from a warm engine in a container without spilling outside. 1.4.3 Drain plug cleaned and installed without damaging seal. 1.4.4 Specified grade of transmission oil filled to specified level. 1.4.5 Gearbox checked for leakage and spilled oil cleaned from engine.		



1.5 Service front end	<p>1.5.1 Front fork assembly removed, dismantled and fork oil drained in a container without spilling outside.</p> <p>1.5.2 Dismantled components cleaned and checked for physical damage.</p> <p>1.5.3 Dismantled components fitted sequentially.</p> <p>1.5.4 Specified grade of fork oil filled to specified level.</p> <p>1.5.5 Fork cap and fork assembly installed with specified torque.</p> <p>1.5.6 Free play and movement of steering checked and adjusted as per service manual.</p>
1.6 Lubricate components	<p>1.6.1 Type, grade and quantity of lubricants selected as per service manual.</p> <p>1.6.2 Lubricating equipment filled with lubricants.</p> <p>1.6.3 Foreign materials and existing lubricants removed from pivot/mating parts.</p> <p>1.6.4 Pivot/mating parts lubricated as per service manual.</p> <p>1.6.5 Spilled oil cleaned from lubricated components.</p>
1.7 Service air filter	<p>1.7.1 Air filter cover removed and cleaned.</p> <p>1.7.2 Air filter/sealing surfaces checked for physical damage.</p> <p>1.7.3 Existing/New air filter elements inserted into housing and edges sealed without air leakage.</p> <p>1.7.4 Filter cover assembly fitted.</p>
1.8 Service spark plug	<p>1.8.1 Spark plug removed without damaging seal and thread.</p> <p>1.8.2 Spark plug checked for physical damage, cleaned and adjusted sparkplug gap as per service manual.</p> <p>1.8.3 Cleaned/New spark plug fit with specified torque without damaging seal and thread.</p>
1.9 Replace chain sprocket	<p>1.9.1 Chain sprocket assembly/components removed sequentially without damaging components.</p> <p>1.9.2 Components checked for physical damage and replaced damaged components.</p> <p>1.9.3 Wheel assembled in sequence.</p>



	<p>1.9.4 Chain slackness and brake adjusted in accordance with service manual and tightened to specified torque.</p> <p>1.9.5 Wheel rotation tested for performance.</p>
1.10 Repair wheel	<p>1.10.1 Wheel removed, dismantled and checked for physical damage.</p> <p>1.10.2 Tyre and tube mended without any leakage.</p> <p>1.10.3 Tyre and tube fitted and air filled to specified pressure.</p> <p>1.10.4 Wheel components lubricated and damaged components replaced in accordance with service manual.</p> <p>1.10.5 Wheel assembled in sequence.</p> <p>1.10.6 Chain slackness and brake adjusted in accordance with service manual and tightened to specified torque.</p> <p>1.10.7 Wheel rotation tested for performance.</p>
1.11 Service suspension system	<p>1.11.1 Rear suspension assembly removed in sequential order and checked for physical damage.</p> <p>1.11.2 Damaged suspension assembly replaced in accordance with service manual.</p> <p>1.11.3 Suspension assembly assembled in sequential order.</p>
1.12 Service fuel tank and fuel filter	<p>1.12.1 Fuel system components disconnected and fuel tank removed without damaging components.</p> <p>1.12.2 Fuel drained in a container without spilling outside.</p> <p>1.12.3 Fuel cock assembly removed, cleaned and checked for physical damage.</p> <p>1.12.4 Damaged components replaced and fuel tank fitted in sequence.</p> <p>1.12.5 Fuel line and indicator checked after filling fuel.</p> <p>1.12.6 Engine started and operation checked at different speed.</p>
1.13 Service control cables	<p>1.13.1 Control cables checked for physical damage and jam.</p> <p>1.13.2 Damaged control cables replaced.</p>



		1.13.3 Control cables lubricated, installed in sequence and adjusted free play as per service manual. 1.13.1 Engine started and operation of control cables checked.
	1.14 Service drum and disc brake	1.14.1 Brake components dismantled, cleaned and checked for physical damage. 1.14.2 Damaged components replaced. 1.14.3 Brake fluid level checked and topped up to specified level. 1.14.4 Brake components assembled and adjusted as per service manual. 1.14.5 Operation of brake tested for performance.
	1.15 Clean workshop	1.15.1 Unused materials collected and stored in designated place. 1.15.2 Tools and equipment cleaned, checked and stored in designated place. 1.15.3 Work area cleaned, wiped and dried. 1.15.4 Waste disposed as per 3R's principle at designated location.
6	Task Performance Requirements (Tools, Equipment and Materials): <ul style="list-style-type: none"> Two-wheeler, service manual, open and ring spanner set, socket set, hammer, Allen keys, pliers, screw drivers, torque wrench, funnel, container, measuring jar, wire brush, fork tube opener, grease gun, spark plug wrench, spark plug cleaner, feeler gauge, sand paper, oil container, tyre pressure gauge, air compressor, water pressure pump, spark plug, O-ring, seal, gasket, grease, air filter, engine oil, transmission oil, fork oil, oil filter, lubricating oil, cloth, rags, control cables, kerosene, petrol, gasket, fuel filter, cleaning agents, water, polish, brake shoe, brake pad, chain sprocket, rear suspension assembly, patch, glue, lubricants, dustpan, dustbin, broom and personal protective equipment. 	
7	Safety and Hygiene (Occupational Health and Safety): <ul style="list-style-type: none"> Use Personal Protective Equipment (PPE). Safe handling of tools and equipment. Avoid slippery floor. 	



- Avoid electrical, chemical and fire hazard.
- Safe disposal of waste.



8	Required Knowledge		
	Technical Knowledge	Applied Calculation	Graphical Information
	<ul style="list-style-type: none"> • Tools and equipment <ul style="list-style-type: none"> ○ Use and application ○ Handling technique ○ Safety measures • Occupational Health and Safety rules and regulation • National classification of two-wheeler • Two-wheeler <ul style="list-style-type: none"> ○ Introduction ○ Types ○ Major components and their function • Basic understanding of: <ul style="list-style-type: none"> ○ Engine ○ Transmission ○ Suspension ○ Brake ○ Steering ○ Electrical system • Types and uses of: <ul style="list-style-type: none"> ○ Engine oil ○ Transmission oil ○ Fork oil ○ Brake fluid ○ Coolant ○ Grease/lubricating oil 		<ul style="list-style-type: none"> • Read and interpret block diagram • Read and interpret service manual



	<ul style="list-style-type: none"> • Components and function of ignition system • Spark plug <ul style="list-style-type: none"> ○ Types ○ Function ○ Spark plug gap ○ Spark plug condition • Brake system <ul style="list-style-type: none"> ○ Types ○ Operation ○ Components ○ Brake pedal free play ○ Adjustment ○ Air bleeding • Suspension system <ul style="list-style-type: none"> ○ Types ○ Operation ○ Components • Air and fuel filter <ul style="list-style-type: none"> ○ Types ○ Operation of fuel system ○ Fuel system components ○ Air bleeding • Wheel <ul style="list-style-type: none"> ○ Components and their function ○ Air pressure • Preventive maintenance and servicing • Cleaning procedure 		
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	<ul style="list-style-type: none">• Waste management• Importance of first aid kit		
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9	Assessment of Competency				
Unit: 1					
Unit Title: Perform general servicing					
Candidate Details			Assessors Detail		
Candidate's Name:			Assessors' Name		ID/License No:
Registration Number:			1.		
Symbol No:			2.		
Test Centre:			3.		
Test Date:					
Element of competency	Performance Standards	Standard Met	Standard Not Met	Evidence Type	Comments
1.1 Prepare tools, equipment and material	1.1.1 Personal protective equipment (PPE) used in accordance with organization standard.				
	1.1.2 Tools, equipment and materials checked and collected as per task requirement.				
	1.1.3 Two-wheeler raised on central stand stably.				
1.2 Perform washing	1.2.1 Dust particles and grease/oil removed from two-wheeler.				
	1.2.2 Sensitive components covered with plastic to prevent damage from water pressure.				
	1.2.3 Two-wheeler washed without damaging components.				
	1.2.4 Two-wheeler wiped, dried and polished evenly.				



<p>1.3 Change engine oil and oil filter</p>	<p>1.3.1 Engine oil drained completely from a warm engine in a container without spilling outside.</p> <p>1.3.2 Dust and metallic particles removed.</p> <p>1.3.3 Drain plug cleaned and installed without damaging seal.</p> <p>1.3.4 Engine oil filter replaced with new one after filling engine oil in the filter.</p> <p>1.3.5 Specified grade of engine oil filled to specified level.</p> <p>1.3.6 Filler cap fitted in specified torque without damaging seal.</p> <p>1.3.7 Spilled oil cleaned from engine.</p>				
<p>1.4 Change transmission oil</p>	<p>1.4.1 Transmission oil level and oil condition checked.</p> <p>1.4.2 Transmission oil drained completely from a warm engine in a container without spilling outside.</p> <p>1.4.3 Drain plug cleaned and installed without damaging seal.</p> <p>1.4.4 Specified grade of transmission oil filled to specified level.</p> <p>1.4.5 Gearbox checked for leakage and spilled oil cleaned from engine.</p>				
<p>1.5 Service front end</p>	<p>1.5.1 Front fork assembly removed, dismantled and fork oil drained in a container without spilling outside.</p> <p>1.5.2 Dismantled components cleaned and checked for physical damage.</p> <p>1.5.3 Dismantled components fitted sequentially.</p>				



	<p>1.5.4 Specified grade of fork oil filled to specified level.</p> <p>1.5.5 Fork cap and fork assembly installed with specified torque.</p> <p>1.5.6 Free play and movement of steering checked and adjusted as per service manual.</p>				
1.6 Lubricate components	<p>1.6.1 Type, grade and quantity of lubricants selected as per service manual.</p> <p>1.6.2 Lubricating equipment filled with lubricants.</p> <p>1.6.3 Foreign materials and existing lubricants removed from pivot/mating parts.</p> <p>1.6.4 Pivot/mating parts lubricated as per service manual.</p> <p>1.6.5 Spilled oil cleaned from lubricated components.</p>				
1.7 Service air filter	<p>1.7.1 Air filter cover removed and cleaned.</p> <p>1.7.2 Air filter/sealing surfaces checked for physical damage.</p> <p>1.7.3 Existing/New air filter elements inserted into housing and edges sealed without air leakage.</p> <p>1.7.4 Filter cover assembly fitted.</p>				
1.8 Service spark plug	<p>1.8.1 Spark plug removed without damaging seal and thread.</p> <p>1.8.2 Spark plug checked for physical damage, cleaned and adjusted sparkplug gap as per service manual.</p> <p>1.8.3 Cleaned/New spark plug fit with specified torque without damaging seal and thread.</p>				



<p>1.9 Replace chain sprocket</p>	<p>1.9.1 Chain sprocket assembly/components removed sequentially without damaging components.</p> <p>1.9.2 Components checked for physical damage and replaced damaged components.</p> <p>1.9.3 Wheel assembled in sequence.</p> <p>1.9.4 Chain slackness and brake adjusted in accordance with service manual and tightened to specified torque.</p> <p>1.9.5 Wheel rotation tested for performance.</p>				
<p>1.10 Repair wheel</p>	<p>1.10.1 Wheel removed, dismantled and checked for physical damage.</p> <p>1.10.2 Tyre and tube mended without any leakage.</p> <p>1.10.3 Tyre and tube fitted and air filled to specified pressure.</p> <p>1.10.4 Wheel components lubricated and damaged components replaced in accordance with service manual.</p> <p>1.10.5 Wheel assembled in sequence.</p> <p>1.10.6 Chain slackness and brake adjusted in accordance with service manual and tightened to specified torque.</p> <p>1.10.7 Wheel rotation tested for performance.</p>				
<p>1.11 Service suspension system</p>	<p>1.11.1 Rear suspension assembly removed in sequential order and checked for physical damage.</p> <p>1.11.2 Damaged suspension assembly replaced in</p>				



	accordance with service manual. 1.11.3 Suspension assembly assembled in sequential order.				
1.12 Service fuel tank and fuel filter	1.12.1 Fuel system components disconnected and fuel tank removed without damaging components. 1.12.2 Fuel drained in a container without spilling outside. 1.12.3 Fuel cock assembly removed, cleaned and checked for physical damage. 1.12.4 Damaged components replaced and fuel tank fitted in sequence. 1.12.5 Fuel line and indicator checked after filling fuel. 1.12.6 Engine started and operation checked at different speed.				
1.13 Service control cables	1.13.1 Control cables checked for physical damage and jam. 1.13.2 Damaged control cables replaced. 1.13.3 Control cables lubricated, installed in sequence and adjusted free play as per service manual. 1.13.4 Engine started and operation of control cables checked.				
1.14 Service drum and disc brake	1.14.1 Brake components dismantled, cleaned and checked for physical damage. 1.14.2 Damaged components replaced. 1.14.3 Brake fluid level checked and topped up to specified level.				



	1.14.4 Brake components assembled and adjusted as per service manual.				
	1.14.5 Operation of brake tested for performance.				
1.15 Clean workshop	1.15.1 Unused materials collected and stored in designated place.				
	1.15.2 Tools and equipment cleaned, checked and stored in designated place.				
	1.15.3 Work area cleaned, wiped and dried.				
	1.15.4 Waste disposed as per 3R's principle at designated location.				

WT- Written Test

OQ- Oral Question

PT- Practical Test

DO – Direct Observation

SR- Supervisor’s report

SN–Simulation

RP- Role Play

PG –Photographs

VD- Video

CT – Certificates

TS – Testimonials (Reward)

PP – Product Produced

CS – Case Study



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Range Statement

Variable	Range
Personal protective equipment	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Helmet • Gloves • Safety goggles • Safety boot • Mask • Apron
Two-wheeler	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Motorcycle • Scooter
Sensitive components	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Silencer • Cooling fan • Instrument panel/meter • Sensor • Electronic control unit • Actuators
Specified grade	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Engine oil <ul style="list-style-type: none"> ○ SAE 10W-30 API SJ-SN ○ SAE 10W-40 API SJ-SN ○ SAE 15W-50 API SJ-SN ○ SAE 20W-40 API SJ-SN



	<ul style="list-style-type: none"> • Transmission oil <ul style="list-style-type: none"> ○ SAE 80W-90 ○ SAE 85W-120 • Fork oil <ul style="list-style-type: none"> ○ 10W ○ 15W ○ 20W
Physical damage	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Crack • Wear and tears • Leakage • Breakage
Lubricants	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Oil • Grease
Lubricating equipment	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Grease gun • Oil can
Chain sprocket assembly/components	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Axle nut • Axle shaft • Collar • Chain • Chain adjuster • Brake panel bolts • Brake knob



	<ul style="list-style-type: none"> • Wheel assembly • Brake panel • Damper rubbers • Sprocket hub • Sprockets • Brake shoes/pads
Wheel components	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Rim • Bearing • Tyre • Tube
Fuel system components	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Fuel line • Air/gas line • Fuel gauge connector • Fuel cock • Carburettor • Throttle valve
Fuel cock assembly	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Fuel valve • Fuel cup • O-ring • Strainer screen/filter
Control cables	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Throttle cable • Clutch cable



	<ul style="list-style-type: none"> • Brake cable • Speedometer cable • Chock cable • Seat cable
3R's Principle	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Reduce • Reuse • Recycle



5	Unit No: 2		Unit code:		
	Unit Title: Perform electrical servicing				
	Elements of competency		Performance standards		
	2.1 Prepare tools and equipment		2.1.1	Personal protective equipment (PPE) used in accordance with organization standard.	
			2.1.2	Tools, equipment and materials checked and collected as per task requirement.	
			2.1.3	Two-wheeler raised on central stand stably.	
2.2 Perform battery servicing		2.2.1	Battery condition checked.		
		2.2.2	Distilled water topped up to specified level.		
		2.2.3	Battery terminals disconnected by removing negative and positive terminals in sequence.		
		2.2.4	Battery charged to specified specific gravity of electrolyte and voltage.		
		2.2.5	Faulty battery replaced with new one.		
		2.2.6	Battery poles cleaned and terminal tightened without damaging.		
2.3 Service light and horn		2.3.1	Operation and physical damage of lights , horns and switches checked.		
		2.3.2	Connection and continuity of wires checked.		
		2.3.3	Damaged lights, horns, switches and wires replaced and fitted as per service manual.		
		2.3.4	Horn and lights adjusted.		
		2.3.5	Operation of fuse, relay and indicators checked.		
2.4 Service fuse, relay and indicators		2.4.1	Operation and physical damage of fuse, relay and instrument panel indicators checked.		
		2.4.2	Connection and continuity of wires checked.		
		2.4.3	Damaged fuse, relay, indicators and wires replaced and fitted as per service manual.		
		2.4.4	Operation of fuse, relay and indicators checked.		
2.5 Store tools and equipment		2.5.1	Unused materials collected and stored in designated place.		
		2.5.2	Tools and equipment cleaned, checked and stored in designated place.		
		2.5.3	Work area cleaned, wiped and dried.		



2.5.4 Waste disposed as per **3R's principle** at designated location.

6 Task Performance Requirements (Tools, Equipment and Materials):

- Two-wheeler, service manual, screw driver set, pliers, wire cutter, spanner set, battery charger, hydrometer, multimeter, Allen keys, test lamp, distilled water, bulb, flasher, fuse, relay, horn, switches, wires, cables, wire brush, petroleum jelly, emery paper, PVC tape, cloths, rags, dustbin, dustpan, broom and personal protective equipment.

7 Safety and Hygiene (Occupational Health and Safety):

- Use Personal Protective Equipment (PPE).
- Safe handling of tools and equipment.
- Avoid slippery floor.
- Avoid electrical, chemical and fire hazard.
- Safe disposal of waste.



8	Required Knowledge		
	Technical Knowledge	Applied Calculation	Graphical Information
	<ul style="list-style-type: none"> • Tools and equipment <ul style="list-style-type: none"> ○ Use and application ○ Handling technique ○ Safety measures • Basic electrical symbols • Current, voltage and resistance • Continuity test • Conductor and insulator • Battery <ul style="list-style-type: none"> ○ Types ○ Connection ○ Basic operation • Introduction of electrical components <ul style="list-style-type: none"> ○ Wire and color coding ○ Horn ○ Switch ○ Lights and indicators ○ Fuse ○ Relay 		<ul style="list-style-type: none"> • Read and interpret service manual



9	Assessment of Competency				
Unit: 2					
Unit Title: Perform electrical servicing					
Candidate Details			Assessors Detail		
Candidate's Name:			Assessors' Name		ID/License No:
Registration Number:			1.		
Symbol No:			2.		
Test Centre:			3.		
Test Date:					
Element of competency	Performance Standards	Standard Met	Standard Not Met	Evidence Type	Comments
2.1 Prepare tools and equipment	2.1.1 Personal protective equipment (PPE) used in accordance with organization standard.				
	2.1.2 Tools, equipment and materials checked and collected as per task requirement.				
	2.1.3 Two-wheeler raised on central stand stably.				
2.2 Perform battery servicing	2.2.1 Battery condition checked.				
	2.2.2 Distilled water topped up to specified level.				
	2.2.3 Battery terminals disconnected by removing negative and positive terminals in sequence.				
	2.2.4 Battery charged to specified specific gravity of electrolyte and voltage.				
	2.2.5 Faulty battery replaced with new one.				
	2.2.6 Battery poles cleaned and terminal tightened without				



	damaging.				
2.3 Service light and horn	<p>2.3.1 Operation and physical damage of lights, horns and switches checked.</p> <p>2.3.2 Connection and continuity of wires checked.</p> <p>2.3.3 Damaged lights, horns, switches and wires replaced and fitted as per service manual.</p> <p>2.3.4 Horn and lights adjusted.</p> <p>2.3.5 Operation of fuse, relay and indicators checked.</p>				
2.4 Service fuse, relay and indicators	<p>2.4.1 Operation and physical damage of fuse, relay and instrument panel indicators checked.</p> <p>2.4.2 Connection and continuity of wires checked.</p> <p>2.4.3 Damaged fuse, relay, indicators and wires replaced and fitted as per service manual.</p> <p>2.4.4 Operation of fuse, relay and indicators checked.</p>				
2.5 Store tools and equipment	<p>2.5.1 Unused materials collected and stored in designated place.</p> <p>2.5.2 Tools and equipment cleaned, checked and stored in designated place.</p> <p>2.5.3 Work area cleaned, wiped and dried.</p> <p>2.5.4 Waste disposed as per 3R's principle at designated location.</p>				

WT- Written Test

OQ- Oral Question

PT- Practical Test

DO – Direct Observation

SR- Supervisor’s report

SN–Simulation

RP- Role Play

PG –Photographs

VD- Video

CT – Certificates

TS – Testimonials (Reward)

PP – Product Produced

CS – Case Study



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Range Statement

Variable	Range
Personal protective equipment	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Helmet • Gloves • Safety goggles • Safety boot • Mask • Apron
Two-wheeler	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Motorcycle • Scooter
Battery condition	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Physical damage • Electrolyte level • Specific gravity • Voltage
Physical damage	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Crack • Wear and tears • Leakage • Breakage



Lights	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Head light • Back light • Side light • Instrument panel/meter bulb • Flasher
Switches	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Stop light switch • Head light switch • Side light switch • Clutch switch • Ignition switch
Instrument panel indicators	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Fuel indicator • Light indicator • RPM indicator • Speed indicator
3R's Principle	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> • Reduce • Reuse • Recycle

