

Domain	AUTOMOTIVE MECHANICS	Unit ID: 205
Title:	Render vehicle break-down service	
Level: 3		Credits: 3

Purpose

This unit standard specifies the competencies required to render vehicle break-down service. It includes procedures for securing the break-down site and undertaking necessary steps to safely recover a vehicle. This unit standard is intended for those who work as automotive mechanics.

Special Notes

1. Entry information:
 - Prerequisite
 - Unit 65 - *Apply safety rules and regulations in an automotive mechanics workshop* or demonstrated equivalent knowledge and skills.
2. To demonstrate competence, at a minimum, evidence is required of rendering one (1) simulated break-down service including securing break-down site, preparing towing, and recovering vehicle. This task includes applying the safe and correct procedure for jump-starting a vehicle.
3. Assessment evidence may be collected from a real workplace or a simulated real workplace or an appropriate simulated realistic environment in which automotive mechanics operations are carried out.
4. Performance of all elements in this unit standard must comply with manufacturers' specifications, workplace specific requirements and reasonable flat rate time.
5. Glossary of terms:
 - '*specifications*' refers to any, or all of the following: manufacturers' specifications and recommendations, workplace specific requirements.
6. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act, No. 6, 1992
 - Occupational Health and Safety Regulations No. 18, 1997
 - Road Traffic and Transport Regulations No. 266, 2000
 and all subsequent amendments.
7. This unit standard applies to passenger and light commercial vehicles with a Gross Vehicle Mass $\leq 5\ 500$ kg (Petrol & Diesel).
8. This unit standard is restricted to a vehicle break-down caused by a technical failure. It is not intended for vehicles involved in an accident or any other circumstance leading to a necessary recovery.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority. All approved unit standards, qualifications and national assessment arrangements are available on the Namibia Training Authority website www.nta.com.na.

Elements and Performance Criteria

Element 1: Plan and prepare for work

Range

Planning and preparation may include but is not limited to workplace inspection, equipment defect identification, assessment of conditions and hazards and determination of work requirements.

Tools and equipment may include but are not limited to jumper leads, basic hand-tool set, tow bar, tow rope, emergency warning sign (triangle) and other transportation equipment.

Performance Criteria

- 1.1 Work instructions, including repair order forms, specifications and operational details are obtained, confirmed and applied.
- 1.2 Safety requirements are followed in accordance with safety plans and policies.
- 1.3 Tools and equipment selected to carry out tasks are consistent with the requirements of the job, checked for serviceability and any faults rectified or reported prior to commencement.
- 1.4 Technical and/or calibration requirements for tools and equipment are sourced and implemented in line with workplace procedures.
- 1.5 Environmental protection requirements are identified and applied in line with environmental plans and regulatory obligations.

Element 2: Ascertain type of break-down service

Performance Criteria

- 2.1 Location of break-down site is secured and signposted in accordance with industry guidelines and legislative requirements.
- 2.2 Information is sourced from driver at the scene in line with company procedures.

- 2.3 Details are obtained by visual and operational inspection of break-down vehicle in line with company procedures.
- 2.4 Hazards are recognised and accounted for in establishing requirements for break-down service in line with company procedures.

Element 3: Prepare vehicle for towing

Preparation for towing includes but is not limited to switching on hazard switch, installing tow bar or rope and giving instructions to driver of vehicle.

Performance Criteria

- 3.1 Vehicle is prepared for towing using recognised industry guidelines and legislative requirements.
- 3.2 Equipment is safe handled and used according to manufacturers' instructions and company procedures.

Element 4: Recover vehicle

Performance Criteria

- 4.1 Jump-starting procedure is applied where applicable in line with manufacturers' instructions.
- 4.2 Procedures for towing vehicle are applied in accordance with industry guidelines, manufacturers' instructions and legislative requirements.

Element 5: Complete work and clean up

Range

Work completion details may include but are not limited to repair order form, sign-out form for equipment, service record book and service plan form.

Performance Criteria

- 5.1 Break-down area is cleared of waste and restored in accordance with legislative environmental requirements.
- 5.2 Reusable material is collected and stored in accordance with workplace procedures.
- 5.3 Work is completed and appropriate personnel notified in accordance with workplace procedures.
- 5.4 Equipment used is cleaned, checked, maintained and stored in accordance with workplace procedures.
- 5.5 Work completion details are finalised in accordance with workplace procedures.

Registration Data

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