

Operate Weighbridge

WM52 - SQA Unit Code H2KG 04

This national occupational standard WB4 belongs to Pro Skills – the standards setting body for the process and manufacturing sector

Area of competence

You show you are competent to:

This unit is designed to assess the candidate's competence in operating the weighbridge to performance requirements, to interpret instruction and information to carry out operations. It confirms the competence to prepare the weighbridge to meet the work activity planned and that the equipment is safe, set up and fully operational to carry out the work. It provides for operating the weighbridge and the need to ensure safety and security in the work environment, including the need to be aware of others, whether work personnel or members of the public. Concluding the work and ensuring weighbridge is secure and maintained in an operable condition completes the competence of the unit. Throughout the range of activities envisaged there is the need to communicate with others and this too is recognised in the competence of operating the weighbridge to performance requirements.

This unit has two elements.

- Prepare and set up
- Operate weighbridge to meet work requirements

Performance Criteria

To achieve this element you will have ensured that work is carried out to approved procedures and practices and in compliance with relevant statutory requirements, and that:

Prepare and Set Up Weighbridge

1. Work requirements are confirmed with the appropriate person(s)
2. All hazards and conditions that could affect the work activity are identified and appropriate action taken
3. Relevant information and resources are available
4. The weighbridge and any ancillary equipment is prepared, set up and adjusted for the work activity
5. Any defects of and/or damage to the equipment are reported

Operate Weighbridge to Meet Work Requirements

6. Weighing operations are carried out safely in accordance with instructions to meet the specified work requirement
7. Weighbridge and ancillary equipment is monitored to maintain performance throughout the work activity
8. Vehicles and their requirements are correctly identified and checked
9. Methods of communication are used in accordance with the designated procedure
10. Vehicle operators/other personnel are given appropriate and correct information and instruction
11. Any accident(s), defects and incident(s) during operations are dealt with promptly
12. Records are maintained
13. Any problems and conditions which occur that are outside the responsibility of the job holder are referred to an authorised person
14. Work activity is completed in accordance with the specified requirements

Knowledge and Understanding

Within the limits of your responsibility you will need to demonstrate that you know and understand

- a. Hazards and conditions that affect the work activity and appropriate actions to be taken
- b. Setting up equipment for the work activity
- c. Calibration and maintenance procedures
- d. Routine equipment checks
- e. Types of defects that could occur in the equipment
- f. Implications of defective equipment
- g. Arrangements for recording/reporting defects
- h. Other problems or conditions that could affect the operation of the weighbridge
- i. Practices and procedures for recording information (written/electronic as appropriate)
- j. Approved procedures, practices and responsibilities in the context of the operations, the work activity and the workplace environment (organisational, regulatory, emergency, operational)
- k. Characteristics and capabilities of the equipment being used
- l. Operational procedure for the equipment
- m. Contingency plans for equipment failure
- n. Hazards and conditions that affect the work activity
- o. Methods of communication used
- p. Requirements for recording and communicating information
- q. Loading limits and acceptable condition of vehicles for travelling on and off site
- r. Range of materials and relevant properties
- s. Accident and incident procedures
- t. Approved procedures practices and responsibilities in the context of the operations, the work activity and the workplace environment (organisational, regulatory, emergency, operational)
- u. Methods and uses of different forms of communications



- v. Procedures for concluding work activity
- w. Requirements for recording and communicating information
- x. Shut down and securing requirements for weighbridge and ancillary equipment
- y. Procedures for removal/archiving of out of date information
- z. Data protection, security and confidentiality of information