



Australian Government

Department of Education, Employment and Workplace Relations

TLID2022A Conduct weighbridge operations

Release: 1

TLID2022A Conduct weighbridge operations

Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to conduct weighbridge operations in accordance with regulatory requirements and workplace procedures, including setting up for weighbridge operations, weighing loaded vehicles, weighing unloaded vehicles, finalising weighbridge operations, and completing required records and documentation. Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

Application of the Unit

Work must be carried out in accordance with regulations and workplace requirements relevant to weighbridge operations.

Work is performed under some supervision, generally within a team environment.

Work involves the application of regulatory requirements and workplace procedures when conducting weighbridge operations in the transport, warehousing, distribution and/or storage industries.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

- | | |
|--|--|
| 1 Set up for weighbridge operations | <ul style="list-style-type: none">1.1 Weighbridge systems, including equipment, computer and recording arrangements are checked for operational status1.2 Tests to confirm accuracy of weighbridge operation and related functions are conducted in accordance with workplace procedures, manufacturers instructions and relevant legislation1.3 Accurate reporting of the results of the inspection and testing is kept in accordance with statutory requirements, workplace policy and industry guidelines1.4 Faults/discrepancies in weighbridge operation are identified and action is undertaken in accordance with workplace procedures |
| 2 Weigh loaded vehicles | <ul style="list-style-type: none">2.1 Vehicles likely to exceed weighbridge weight limit are turned away2.2 Vehicles are directed onto platform to obtain accurate weight2.3 Weight of loaded stationary vehicle is registered against vehicle and load identification2.4 Vehicle and load information is entered into workplace recording system and driver is issued with receipt and/or statement2.5 Areas of dispute are resolved or forwarded for further action undertaken in accordance with workplace procedures |
| 3 Weigh unloaded vehicles | <ul style="list-style-type: none">3.1 Vehicles are directed onto platform to obtain accurate weight3.2 Weight of unloaded stationary vehicle is registered against vehicle3.3 Proposed load weight is assessed for conformance to statutory requirements3.4 Where appropriate, loading operations are commenced in accordance with legal loading weight, customer requirements and workplace procedures with vehicle re-weighed to establish final load weight3.5 Vehicle and load information is entered into workplace recording system and invoice is issued to driver where appropriate3.6 Driver signatures on weighbridge documents, invoices or receipts are obtained in accordance with statutory and workplace requirements3.7 Areas of dispute are resolved or forwarded for further action to be undertaken in accordance with workplace procedures |
| 4 Complete weighbridge operations | <ul style="list-style-type: none">4.1 Weighbridge systems, including equipment, computer and recording arrangements are secured or made ready for next shift4.2 Record of operations is maintained and filed in accordance with |

ELEMENT**PERFORMANCE CRITERIA**

workplace procedures and statutory requirements

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Regulations relevant to the conduct of weighbridge operations including Australian Dangerous Goods Code where applicable
- Relevant OH&S and environmental protection procedures and guidelines
- Workplace procedures and policies for the conduct of weighbridge operations
- Problems that may occur when conducting weighbridge operations and appropriate action that can be taken to resolve the problems
- Equipment applications, capacities, configurations, safety hazards and control mechanisms
- Records and documentation requirements for weighbridge operations
- Classification procedures
- Despatch procedures
- Calculation method and approaches for both metric and imperial systems
- Correct weighing procedures including statutory and workplace requirements
- Emergency response procedures
- Site layout

Required skills:

- Communicate effectively with others when conducting weighbridge operations
- Read and interpret instructions, procedures and information relevant to the conduct of weighbridge operations
- Interpret and follow operational instructions and prioritise work
- Complete documentation related to the conduct of weighbridge operations
- Operate electronic communication equipment to required protocol
- Work collaboratively with others when conducting weighbridge operations
- Adapt appropriately to cultural differences in the workplace, including modes of behaviour and interactions with others
- Promptly report and/or rectify any identified problems, errors or malfunctions that may occur when conducting weighbridge operations in accordance with regulatory requirements and workplace procedures

Required skills:

- Apply precautions and required action to minimise, control or eliminate hazards that may exist during the conduct of weighbridge operations
- Monitor work activities in terms of planned schedule
- Modify activities depending on differing operational contingencies, risk situations and environments
- Work systematically with required attention to detail without injury to self or others, or damage to goods or equipment
- Operate and adapt to differences in equipment in accordance with standard operating procedures
- Select and use required personal protective equipment conforming to industry and OH&S standards
- Set up and maintain weighbridge equipment
- Identify, select and efficiently and effectively use weighbridge equipment
- Monitor performance of weighbridge equipment

Evidence Guide**EVIDENCE GUIDE**

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of applying:
 - the underpinning knowledge and skills
 - relevant legislation and workplace procedures
 - other relevant aspects of the range statement

Context of and specific resources for assessment

- Performance is demonstrated consistently over a period of time and in a suitable range of contexts
- Resources for assessment include:
 - a range of relevant exercises, case studies and/or other simulated practical and knowledge assessment, and/or
 - access to an appropriate range of relevant operational situations in the workplace
- In both real and simulated environments, access is required to:

EVIDENCE GUIDE

	• relevant and appropriate materials and equipment, and • applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
Method of assessment	• Assessment of this unit must be undertaken by a registered training organisation • As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests • Practical assessment must occur: • through activities in an appropriately simulated environment at the registered training organisation, and/or • in an appropriate range of situations in the workplace

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

Work may be conducted:	• in a range of work environments • by day or night
Customers may be:	• internal or external
Workplaces may comprise:	• large, medium or small worksites
Workplace environment may include:	• movement of equipment, goods, products, materials and vehicular traffic
Weighbridge operations may be:	• inclusive of a single operation involving the loading of vehicles and despatch functions
Weighbridge operation may be:	• electro/mechanical • electronic • computerised
Vehicles may include	• trucks • articulated road vehicles • trailers • wagons
Calibration and/or testing of	• required prior to and during operations

RANGE STATEMENT

equipment may be:

Hazards in the work area may include exposure to:

- chemicals and pesticides
- dangerous or hazardous substances
- stationary and moving equipment, parts and materials
- noise, light, energy sources
- electrical equipment
- humidity, air temperature, radiant heat
- faulty equipment

Personal protective equipment may include:

- gloves
- safety headwear and footwear
- safety glasses
- two-way radios
- protective clothing
- respirators and fume/dust masks
- high visibility clothing

Requirements for work may include:

- site restrictions and procedures
- use of safety and personal protective equipment
- communications/recording equipment
- authorities and permits
- breakdown procedures
- emergency procedures

Communication in the work area may include:

- phone
- fax
- email/internet
- electronic data interchange (EDI)
- RF systems
- oral, aural or signed communications

Consultative processes may involve:

- workplace personnel
- supervisors and managers
- existing and potential customers/clients
- drivers
- suppliers and contractors
- union representatives
- industrial relations and OH&S specialists
- maintenance, professional or technical staff

Depending on the type of organisation concerned and the local terminology used, workplace procedures may include:

- company procedures
- workplace procedures
- organisational procedures
- established or standard procedures

RANGE STATEMENT

Information/documents may include:

- operations manuals, job specifications and procedures
- induction documentation
- competency standards and training materials
- manufacturers specifications and instructions for the operation of weighbridge equipment
- material safety data sheets
- workplace operating procedures and policies
- supplier and/or client instructions
- Australian and international standards, criteria and certification requirements
- codes of practice including the National Standards for Manual Handling and the Industry Safety Code
- relevant regulations including the ADG Code
- award, workplace bargaining agreement, other industrial arrangements
- OH&S procedures
- quality assurance procedures
- emergency procedures

Applicable regulations and legislation may include:

- relevant codes and regulations pertaining to weighbridge operations
- traffic acts and road transport mass and loading regulations
- ADG Code and regulations pertaining to the storage and handling of dangerous and hazardous goods
- relevant state/territory OH&S legislation
- relevant state/territory environmental protection legislation
- relevant Australian and international standards and certification requirements
- workplace relations regulations including equal opportunity, equal employment opportunity and affirmative action legislation
- workers compensation regulations

Unit Sector(s)

Not Applicable

Competency Field

Competency Field

D - Load Handling