



Australian Government

Department of Education, Employment and Workplace Relations

LMTTX2009B Weigh and check textile materials and products

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to weigh and check textile materials and products.

Application of the Unit

Application of the Unit

The unit applies to the preparation and weighing of fibre, yarns, raw materials and finished products, and checking that weights are accurately recorded. Work may be conducted under some supervision.

Work may be conducted in a variety of environments, such as:

- operational workplace activities
- restricted space
- hazardous, controlled or exposed conditions

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

The application of this unit is according to OHS practices of the enterprise and workplace practices, which may include:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- standard operating procedures
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control, and recycling

This unit requires the application of skills associated with planning and organising for the safe and efficient use of weighing machines and equipment. This unit also requires problem solving ability to check materials and compare details to production orders.

Communication skills are required to read numerical information and complete workplace documentation.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Prepare for weighing	1.1 Fibre, yarns, other <i>materials and products</i> to be weighed are identified and samples are taken. 1.2 Appropriate weighing or measuring <i>equipment</i> is organised. 1.3 Calibration is checked as required.
2 Weigh materials and products	2.1 Fibre, yarns, raw materials and products are weighed accurately. 2.2 Weighing is conducted according to materials handling and <i>OHS practices</i> . 2.3 Weights are correctly recorded and documented.
3 Check materials and products	3.1 Yarns, raw materials and products are correctly checked for colour, blend and number if appropriate. 3.2 The weight of the fibres, yarns, raw materials and textile products is checked against production order.
4 Confirm documentation	4.1 Fibres, yarn, raw materials and product weight, colour and order details are checked against relevant <i>documentation</i> .

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level

Demonstrates knowledge of:

- operation of weighing and measuring machines and equipment
- requirements for recording and documenting equipment readings
- care and maintenance of equipment
- technical specifications manuals
- quality standards and practices
- stores and procurement procedures
- OHS practices, including hazard identification and control measures
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- use machines and measuring equipment
- calibrate equipment
- confirm compliance to operational specifications
- interpret technical data
- recognise fault conditions
- test and adjust equipment
- check products against specifications
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- communicate within the workplace
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence to be considered	Demonstrates skills and knowledge to: <ul style="list-style-type: none">• correctly weigh and measure• record and document weight and measurement readings• check results against specifications• apply OHS practices in workplace operations• maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: <ul style="list-style-type: none">• organising work• completing tasks according to instructions• working systematically with attention to detail• identifying improvements and avoiding damage• using workplace practices• using OHS practices• recording and reporting accidents and incidents• assessing operational readiness of equipment• recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions
Resource implications	Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.
Context for assessment	Assessment may occur on the job or in an appropriately simulated environment.
Interdependent assessment	This unit may be assessed independently or in combination with other relevant units.

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. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements	All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.
Materials and products may include	<ul style="list-style-type: none"> • yarns for tufting • spun cotton, worsted and woollen yarns • finished knitted garments • finished hosiery garments • non-woven raw materials and fabrics • finished fabrics used in textile printing • fabrics used in weaving, dyeing, knitting, tufting and finishing
Equipment may include	<ul style="list-style-type: none"> • weighing, measuring and mixing equipment which are used according to manufacturer specifications and workplace practices
OHS practices	<p>OHS practices include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and may relate to:</p> <ul style="list-style-type: none"> • manual handling techniques • standard operating procedures • personal protective equipment • safe materials handling • taking of rest breaks • ergonomic arrangement of workplaces • following marked walkways • safe storage of equipment • housekeeping • reporting accidents and incidents • environmental practices
Documentation may include	<ul style="list-style-type: none"> • production order • delivery documentation • tickets or labels • specification sheet

Unit Sector(s)

Sector Textile Production