



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **LMTLA4002A Program and monitor commercial laundry machine control systems**

**Revision Number: 1**

## **LMTLA4002A Program and monitor commercial laundry machine control systems**

### **Modification History**

Not applicable.

### **Unit Descriptor**

**Unit descriptor** This unit covers the skills and knowledge needed to program electronic, pneumatic and hydraulic process control systems which control multiple commercial laundry machines and equipment.

### **Application of the Unit**

**Application of the Unit** This unit applies to programming, operating and controlling commercial laundry equipment. Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within defined procedures under direct supervision. This unit is applied according to OHS and workplace practices of the enterprise, 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 to program and monitor machine control system. This unit also requires an ability to interpret, apply and document process information. Problem solving will be used to identify and address non compliance with specifications.

## 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 Identify process requirements	1.1 Process requirements are determined from workplace specifications, production sheets and schedules 1.2 Appropriate program is selected according to manufacturer and workplace procedures
2 Program automatic machine control system	2.1 <i>Machine or equipment</i> is put in correct operational mode to accept data entry 2.2 Data is entered according to manufacture and workplace specifications and procedures 2.3 Data entry is confirmed, accurate and correct 2.4 Program is stepped through manually, if appropriate
3 Monitor operation of machine control system	3.1 Process is ran and checked for correct operation and compliance with specifications 3.2 Adjustments are made to the program as required
4 Maintain records	4.1 Process control settings and adjustments are recorded

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level

Demonstrates knowledge of:

- Machine operation and control systems, program selection and machine monitoring procedures
- Level of operator responsibility for equipment operation, maintenance and monitoring
- Characteristics and hazards of chemicals and dispensing systems
- Safety and environmental aspects related to workplace and machine and equipment operation and manual handling, including consumable or hazardous materials
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- ensure load sizes are within machine limits
- program and use commercial laundry machines and related equipment, including dispensing and dosing systems
- prepare and monitor chemicals safely
- classify and sort product
- maintain quality requirements for each stage of the process
- 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 our 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.

<b>Critical aspects of evidence to be considered</b>	Demonstrates skills and knowledge to: <ul style="list-style-type: none"><li>• Laundry equipment is programmed according to production schedules and work load priorities</li><li>• Laundry equipment is programmed according to required washing sequences</li><li>• Laundry equipment is programmed according to chemical requirements and proportions</li><li>• Monitoring requirements for the particular process operation are conducted</li></ul>
<b>Consistency in performance</b>	Consistently applies skills and knowledge when: <ul style="list-style-type: none"><li>• organising work</li><li>• completing tasks</li><li>• identifying improvements</li><li>• using workplace practices</li><li>• using OHS practices</li><li>• recording and reporting accidents and incidents</li><li>• assessing operational readiness of equipment used and work processes</li><li>• recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions</li><li>• completing work systematically with attention to detail without damage to goods and equipment</li></ul>
<b>Resource implications</b>	Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.
<b>Context for assessment</b>	Assessment may occur on the job or in an appropriately simulated environment.
<b>Interdependent Assessment</b>	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.

Machine or equipment may include:

- commercial washing machines
- washer extractors
- continuous batch washers
- weighing machines
- chemical dosing equipment
- conveyor belts
- sorting equipment

Laundry or operating procedures may include:

- manual handling
- safe handling of chemicals
- preparation of chemical products
- preparation of dispensing systems
- quality control requirements

Programming procedures may include:

- chemical specifications
- manual over-riding technology application
- identification of machine and programming faults
- machine loading and unloading procedures
- safety procedures, including authorisations, passwords, cut out and overload sensors and procedures
- quality control requirements

Machine loads may be determined by:

- counting
- weight
- volume
- classification

OHS practices OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and may include:

- 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
- other OHS practices relevant to the job and enterprise

## **Unit Sector(s)**

**Sector**

Laundry Operations