



Australian Government

MSTGN2015 Use RFID technology to track laundry items

Release: 1

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Modification History

Release 1. New unit.

Application

This unit of competency describes the skills and knowledge required to operate radio frequency identification (RFID) technology to track items for washing, drying and pressing, usually uniforms and linen.

This unit applies to operational staff who work in commercial laundries.

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

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Generic

Elements and Performance Criteria

Elements <i>Elements describe the essential outcomes.</i>	Performance Criteria <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify purpose and components of RFID system	1.1 Identify RFID system in use at enterprise 1.2 Identify the components of the RFID system and their functions 1.3 Identify customers that use RFID tags for items to be laundered 1.4 Identify types of tags used on items to be laundered
2. Use RFID scanning system	2.1 Prepare to use RFID equipment safely 2.2 Count bundled items for cleaning using scanner correctly 2.3 Identify problems with tags and scanner and report in accordance with workplace procedures 2.3 Take reading from RFID gateway or reading station for cleaning and laundered items

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.4 Accurately enter data from RFID system in inventory tracking system, using either wireless or manual techniques 2.5 Contribute to report for customer detailing items received and items dispatched based on information from RFID system

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

- Technology skills to effectively operate scanning equipment
- Problem solving skills to identify and resolve issues with scanning equipment.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

No equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTGN2015 Use RFID technology to track laundry items

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- operated radio frequency identification (RFID) technology to track laundered items from 2 different customers, including:
 - effectively using scanners
 - taking readings from gateway
 - contributing to report on laundering activity for customer.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures
- purpose of RFID tagging of items, including to track inbound items to be processed, items for reprocessing, inventory management, finished goods for dispatch
- distance read range of RFID tags
- methods used to attach tags to linen and uniforms
- typical life of RFID tag that undergoes regular washing, drying and pressing
- typical problems that can occur with tags and scanning equipment and how they can be rectified
- interfacing equipment that can be used with RFID systems, such as garment sorting conveyor system
- product / workplace quality assurance standards and practices
- workplace recording and reporting practices.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - a laundry operations environment equipped with RFID technology, with relevant standard operating procedures (SOPs)
 - RFID tagged items to be laundered.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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