



Australian Government

MSTDC3005 Perform spotting function in dry cleaning operations

Release: 1

MSTDC3005 Perform spotting function in dry cleaning operations

Modification History

Release 1. Supersedes and is equivalent to MSTDC3001 Perform spotting function in dry cleaning operations.

Application

This unit of competency describes the skills and knowledge required to identify stains, determining spotting requirements and suitable spotting agents, and carry out spotting procedures on articles received for dry cleaning. It requires skill in spotting all types of stains on common as well as special fabrics, and involves the use of standard and specialist spotting agents.

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.

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

Dry cleaning and laundry operations

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. Prepare to perform spotting function	1.1 Determine job and safe work requirements from work information 1.2 Identify available types and classifications of spotting agents, their suitability for types of stains and their application procedures 1.3 Determine safety and handling requirements of spotting agents 1.4 Prepare work area, resources, materials and equipment in accordance with workplace procedures
2. Determine spotting requirements	2.1 Identify fabric type, and the type of stain and its characteristics 2.2 Identify appropriate spotting agent according to stain characteristic

Elements <i>Elements describe the essential outcomes.</i>	Performance Criteria <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	and fabric requirements 2.3 Consider advanced spotting processes and procedures and select appropriate method based on requirements 2.4 Seek information to support skill and knowledge development when stains or spotting techniques are difficult to identify 2.5 Implement control measures to manage risks associated with spotting procedures
3. Carry out spotting procedure	3.1 Prepare spotting agents and mix in accordance with manufacturer instructions and workplace procedures 3.2 Handle fabrics or materials according to fabric requirements 3.3 Operate machine or equipment in accordance with manufacturer instructions and workplace procedures 3.4 Apply spotting technique in accordance with workplace procedures and spotting agent directions 3.5 Dry, hang or store article correctly, and apply appropriate label before taking to dry cleaning area 3.6 Record and report non-removable stains and defects in accordance with workplace procedures 3.7 Dispose of chemical waste in accordance with regulatory requirements

Foundation Skills

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

- Reading skills to interpret work instructions, standard operating procedures (SOPs), product specifications and key requirements of industry standards
- Numeracy skills to calculate ratios and accurately measure and mix chemicals using mL, L.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSTDC3001 Perform spotting function in dry cleaning operations.

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 MSTDC3005 Perform spotting function in dry cleaning operations

Modification History

Release 1. Supersedes and is equivalent to MSTDC3001 Perform spotting function in dry cleaning operations.

Performance Evidence

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

- performed spotting techniques on at least 10 different articles received for dry cleaning, covering at least 5 different fabrics, including:
 - determining spotting requirements and suitable spotting agents for different stains
 - carrying out spotting procedures
- recorded non-removable stains in accordance with workplace procedures.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- key requirements of Australian Standards, industry regulations and codes of practice that govern the control of chemicals in the workplace, including:
 - Managing risks of hazardous chemicals in the workplace: Model Code of Practice, Safe Work Australia
 - Managing risks of exposure to solvents in the workplace, Information sheet, Safe Work Australia
 - Dry Cleaning Institute of Australia (DIA) solvent information resources
- the range of spotting agents, how they are classified and their application to specific stains
- spotting resource requirements:
 - blotters
 - cheesecloth
 - drying cabinet
 - spatula
 - spotting board
 - spotting brushes
 - towel
 - tumbler
- application procedures for spotting agents
- the differences between oxidising and reducing bleaches
- rules for bleaching

- acceleration processes for spotting agents
- safety and handling and storage requirements of spotting agents
- stain identification procedures, including steps to be followed, to recognise typical stains, including:
 - albumin stains
 - dye stains
 - organic or non-organic
 - protein stains
- the characteristics and qualities of special fabrics
- requirements for handling and care of fabrics during the spotting process, including:
 - brushing requirements
 - procedures for use of certain equipment and chemicals
 - rinsing needs
 - side of fabric upon which to apply spotting
 - special needs for keeping fabric flat or not
 - susceptibility to breaks and creasing
 - tamping requirements
- characteristics of fibres, fabrics, and dyes or colours, and the effects of the spotting procedure
- factors affecting the spotting process:
 - moisture
 - pH concentration
 - temperature
 - time
- special spotting agents, including wet-side and dry-side agents:
 - acetone
 - detergents
 - digestion agents
 - formic acid
 - iodine
 - methyl alcohol
 - oxalic acid
 - oxidising and reducing bleaches
 - sodium thiosulphate
 - solvents
- advanced spotting processes and procedures, including:
 - ammonia action
 - bleaching
 - chemical action
 - digestion

- oxidising
- reducing
- steam treatment
- synthetic detergent treatment
- regulatory requirements for disposing of chemicals and solvents.

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 dry cleaning environment set up with equipment and agents for spot cleaning stains and related standard operating procedures (SOPs)
 - articles made of different fabrics, with different stains, to be spot cleaned.

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

Links

Companion Volume implementation guides are found in VETNet -

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