



Australian Government

MSTDC2011 Conduct safe handling of dry cleaning chemicals and solvents

Release: 1

MSTDC2011 Conduct safe handling of dry cleaning chemicals and solvents

Modification History

Release 1. Supersedes and is equivalent to MSTCD2002 Conduct safe handling of dry cleaning chemicals and solvents.

Application

This unit of competency describes the skills and knowledge required to prepare, use and store dry cleaning chemicals and solvents commonly used in dry cleaning operations.

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	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to use dry cleaning chemicals and solvents	1.1 Determine job and safe work requirements from work information 1.2 Identify garments to be dry cleaned, their dry cleaning requirements and chemicals and solvents to be used 1.3 Access information on dry cleaning chemicals and solvents to be used 1.4 Identify personal responsibilities in working with cleaning chemicals 1.5 Identify and follow procedures for using chemicals in a cost-effective manner
2. Identify chemical control measures	2.1 Identify risks associated with cleaning chemicals and operator use 2.2 Identify measures for controlling risks based on workplace

Elements <i>Elements describe the essential outcomes.</i>	Performance Criteria <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	procedures 2.3 Identify procedures for calculating quantities and measuring chemicals and solvents
3. Apply safe handling of dry cleaning chemicals and solvents	3.1 Ventilate work area and eliminate ignition sources 3.2 Measure, handle and store chemicals and solvents in accordance with work health and safety practices and workplace procedures 3.3 Safely operate machinery and equipment associated with use of cleaning chemicals and solvents 3.4 Identify and report safety issues, faults or emergencies to relevant personnel 3.5 Follow procedures for accidents and emergencies in accordance with procedures for the specific cleaning chemical or solvent 3.6 Maintain work area and dispose of cleaning chemicals and solvents in accordance with regulatory requirements and safety data sheet (SDS) recommendations

Foundation Skills

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

- Reading skills to:
 - interpret labels of chemicals and solvents, standard operating procedures (SOPs), and common terminology in SDSs
- Numeracy skills to calculate ratios and accurately measure and mix chemicals and solvents using mL, L, g.

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 MSTDC2002 Conduct safe handling of dry cleaning chemicals and solvents.

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 MSTDC2011 Conduct safe handling of dry cleaning chemicals and solvents

Modification History

Release 1. Supersedes and is equivalent to MSTCD2002 Conduct safe handling of dry cleaning chemicals and solvents.

Performance Evidence

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

- accurately identified dry cleaning chemicals for at least 5 different garments made of different fabrics
- safely prepared, used and stored 1 chemical and 1 solvent, typically used in the dry cleaning industry, using appropriate personal protective equipment (PPE)
- differentiated between toxic agents, corrosives, reactives, flammables and combustibles
- disposed of at least 1 chemical or solvent safely, in line with regulatory requirements.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures and use of 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: Code of Practice*, Safe Work Australia
 - *Managing risks of exposure to solvents in the workplace*, Information sheet, Safe Work Australia
 - Industry standards such as Dry Cleaning Institute of Australia (DIA) solvent information resources
- characteristics of different chemicals and solvents used in the dry cleaning industry:
 - combustibles
 - corrosives
 - flammables
 - reactives
 - toxic agents
- workplace procedures for dry cleaning chemical use
- risks of exposure to chemicals by absorption, inhalation and ingestion
- health risks arising from exposure to cleaning chemicals
- risks associated with operating machinery or equipment that use cleaning chemicals

- procedures for the safe and cost-effective measuring and mixing of chemicals and other agents
- workplace procedures for reporting emergencies or work health and safety issues, control of chemical spills and fires, hazard identification and control measures
- regulatory requirements for disposing of chemical and solvent waste, including trade waste
- workplace reporting requirements.
-

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 chemicals and solvents and related safety materials
 - a range of items that require cleaning, made of a variety of fabrics.

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>