



Australian Government

Assessment Requirements for MSTTX3013 Perform wool processing operations

Release: 1

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Modification History

Release 1. New unit. Supersedes and is not equivalent to:

- LMTEW2001A Blend and open greasy wool
- LMTEW2002A Press and dump wool
- LMTEW2004A Perform wool combing
- LMTEW2005A Perform wool preparation using gilling machines
- LMTEW2006A Perform wool finishing
- LMTEW2007A Perform wool pressing operations
- LMTEW2008A Perform wool backwash process
- LMTEW2009A Perform wool scouring
- LMTEW2010A Perform wool carbonising
- LMTEW2011A Perform wool superwash
- LMTEW2013A Perform wool grease recovery and monitor waste disposal.

Performance Evidence

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

- safely and effectively operated equipment to perform at least three of the following wool processing operations:
 - blending and opening greasy wool
 - pressing and dumping
 - combing
 - gilling
 - finishing
 - backwashing
 - scouring
 - carbonising
 - superwashing
 - wool grease recovery
- resolved minor processing issues as they arise during the three operations above.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- purpose and safe use of automatic and semi-automatic machines and equipment used in wool processing operations:

- double drum openers
- decotting machines
- bale breakers
- combing machine
- noil recovery systems
- air filtration equipment
- gilling machines
- oil sprayers
- hand tools, including bale hook and labelling equipment
- conveyors
- dryers
- blending and opening systems
- wool carbonising/scouring machines
- waste disposal and dust extraction systems
- dusters and crushers
- stretch breaker
- pre-draft gilling machine
- wool grease separators
- retention bowls and settling systems
- associated fluid flow systems, valves and controls
- purpose and safe use of ancillary equipment used in wool processing operations:
 - weigh scales
 - farm bale presses, including manual, semi-automatic, and automatic
 - dump presses
 - sampling equipment, including core and grab machines
 - cleaning equipment
 - hand and power tools applicable to task
 - hand trolleys
 - pallet trucks
- safe use of detergents and chemicals used in wool processing
- machine setting and adjustment requirements
- wool types, including carded, combed, carpet and merino
- wool qualities, including fineness and colour
- typical wool contaminants
- product labelling requirements
- safe work practices for processing operation
- safety and environmental controls relevant to process
- general housekeeping policies and procedures including cleaning agents and equipment in wool processing operations.

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 wool processing facility
 - safety equipment and standard operating procedures
- modelling of industry operating conditions, including access to wool for processing

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>