



Australian Government

AMPABA202 Operate blow line

Release: 1

AMPABA202 Operate blow line

Modification History

Release	Comments
Release 1	This version released with AMP Australian Meat Processing Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to operate a blow line, including preparation, loading raw material, monitoring and shut down.

The unit applies to individuals who work in industrial meat rendering plants, who undertake routine tasks under supervision and are responsible for operating blow line equipment.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, environmental and meat rendering regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Abattoir (ABA)

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 for operation of blow line	1.1 Confirm work order, operational status of services and availability of consumables 1.2 Identify hazards, assess and control risks according to workplace health and safety procedures 1.3 Identify food safety hazards, assess and control risks according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	Hazard Analysis and Critical Control Point principles 1.4 Select and fit personal protective equipment and contamination control equipment
2. Operate blow line equipment	2.1 Undertake preoperational checks of machinery and equipment according to workplace procedures and manufacturer instructions 2.2 Identify emergency stops and isolation controls in work area 2.3 Check raw materials, identify and remove non-organic foreign objects and other contaminants 2.4 Start blow line and monitor consistency of raw materials to ensure steady flow 2.5 Monitor temperature and quantity of raw materials in blow tank to ensure process continuity 2.6 Monitor filling and emptying of raw material receival bins to prevent overfilling 2.7 Clean blow line regularly according to production requirements
3. Shut down blow line equipment	3.1 Shut down blow line process safely according to operating procedures 3.2 Identify and report equipment wear, faults and maintenance requirements in line with workplace procedures 3.3 Maintain workplace records in appropriate format 3.4 Conduct handover of blow line operation to another team member

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	- Interpret operating manuals for blow line equipment - Interpret gauges and symbols
Writing	Complete records using industry terminology

Skill	Description
Oral Communication	Use open and closed questions to clarify information
Numeracy	- Estimate raw material size - Adjust time settings on processing equipment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AMPABA202 Operate blow line	AMPA2159 Operate blow line	Application changed Unit sector added Code updated to better reflect work task New elements 1 and 3 added Previous element 7 deleted Previous elements 2,3,4,5,6 merged with revised element 2 Performance criteria added, revised, reordered, or merged for clarity Foundation skills added Performance Evidence, Knowledge Evidence and Assessment Conditions updated	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>

Assessment Requirements for AMPABA202 Operate blow line

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has safely set up, started, operated, monitored and shut down two separate industrial blow line processes in a rendering plant according to specific work orders.

For each process, the individual must have:

- confirmed the product quantity and quality requirements as per work order
- identified at least three food safety hazards, assessed and controlled risk using Hazard Analysis and Critical Control Point (HACCP) principles
- identified at least three safety hazards, assessed and controlled risk using workplace health and safety procedures
- selected and correctly fitted appropriate personal protective equipment (PPE) and clothing required for worker safety and food contamination control
- conducted preoperational checks of machinery and equipment including access to emergency stops and isolation controls in work area
- monitored temperature and quantity of raw materials
- made adjustments to ensure steady product flow
- cleaned blow line according to hygienic requirements and production requirements
- reported equipment faults to supervisor using industry terminology, if appropriate
- completed handover of blow line operation to another team member when required.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose and steps related to rendering process and function of the blow line
- key features of workplace health and safety requirements for operating a blow line process
- key features of quality assurance (QA) requirements for blow line processes
- features, benefits, limitations, and correct fit of PPE for blow line processes

- workplace procedures for safe movement of workers and visitors in and around the rendering plant
- and equipment
- key features of HACCP principles related to operation of the blow line
- key features and functions of blow line equipment, including:
 - manufacturer and workplace instructions for safe operation
 - control panels and ancillary controls
 - operating capacities, efficiencies and applications
 - feedback instrumentation
 - services required, including compressed air, electricity and water
 - shutdown
- key features of workplace procedures for the operation of the blow line including:
 - work orders and availability of consumables
 - operational status of services, including compressed air, electricity and water
 - workplace emergency switches, isolation procedures and reporting requirements
 - operating capacities and efficiencies
 - feedback instrumentation
 - shutdown procedures
 - specifications for raw materials and final product, including quality requirements
- key features of cleaning and sanitising procedures for rendering workplaces
- identification of foreign objects in raw material
- identification and reporting of common blow line equipment faults, wear and maintenance
- relationship of blow line operation with size reduction equipment operation
- shut down blow line process safely according to workplace procedures
- workplace recording and reporting requirements
- handover procedures.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a meat rendering plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - equipment for blow line operation tasks specified in the performance evidence
 - PPE and contamination control equipment required for the tasks specified in the performance evidence
- specifications:
 - two blow line work orders stipulated in the performance evidence

- workplace procedures blow line process and operation of plant and equipment stipulated in the performance evidence
- workplace procedures for worker safety and contamination control
- manufacturer's operating instructions for blow line equipment and machinery
- relationships:
 - supervisor.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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