

Modification history

Release	Comments
Release 1	This version released with AMP Meat Processing Training Package Version 4.0

UNIT CODE	Operate biogas facilities
Application	<p>This unit of competency describes the skills and knowledge required to operate biogas facilities, including monitoring processes and identifying faults or unusual activity within the system.</p> <p>The unit applies to individuals with responsibility for the day-to-day operation of a biogas collection facility.</p> <p>Those undertaking this unit would work under supervision, while performing routine tasks within a range of familiar contexts.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Abattoirs

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. Inspect biogas collection facilities	1.1 Inspect biogas collection facilities daily and monitor results 1.2 Collect process samples and conduct standard tests 1.3 Identify and report any faults in the biogas collection system 1.4 Follow WHS requirements and work instructions
2. Complete documentation	2.1 Collect, interpret and record process data according to workplace requirements 2.2. Log any unusual aspects identified in the biogas collection system
3. Operate safely when working in biogas collection facilities	3.1 Select and check equipment and tools required to meet safety requirements of site and task 3.2 Select, fit and use personal protective equipment 3.3 Understand and follow safe operating procedures to protect biogas system infrastructure 3.4 Understand and follow safe operating practices when working on and near covered anaerobic lagoon (CAL) covers 3.5 Follow the site's Safety Management Plan.

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Read and interpret workplace instructions and standard operating procedures
Writing	<ul style="list-style-type: none"> Complete records and logs correctly
Communication	<ul style="list-style-type: none"> Communicate with supervisors to notify faults

The Range of Conditions is an optional field. Please delete these instructions and if the unit does not have a range of conditions, please delete the Range of conditions table too.

Range Of Conditions	
<i>This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.</i>	
	<ul style="list-style-type: none">

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AMPA3137 Operate biogas collection facilities			No equivalent unit

Links	
	Companion Volumes, including Implementation Guides, are available at VETNet: [Insert hyperlink for the training package]. <i>See Guidelines for developing training package products for directions on how to find the right hyperlink</i>

TITLE	Assessment requirements for AMPA3137 Operate biogas facilities
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> • conducted routine inspections of the biogas collection system • taken samples and monitored results • completed logs and reports • meet the required safety conditions for working in the biogas collection facility • identified and reported faults • collected data and completed required documentation 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • features and components of a biogas collection system • flow rates and measurements • risk factors and potential hazards relating to working in a biogas collection facility • potential operational problems • data analysis 	
Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in an operating biogas facility • resources, equipment and materials: <ul style="list-style-type: none"> • access to personal protective equipment • specifications: <ul style="list-style-type: none"> • workplace documents such as work instructions, standard operating procedures and safety data sheets. • manufacturer's operating instructions for specific equipment and machinery used in the workplace • relationships: <ul style="list-style-type: none"> • team member(s), supervisor(s) <p>As a minimum, the following three forms of evidence must be used:</p> <ul style="list-style-type: none"> • quiz of underpinning knowledge • workplace demonstration • workplace referee or third-party report of performance over time. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	<p>Companion Volumes, including Implementation Guides, are available at VETNet: [Insert hyperlink for the training package]. <i>See Guidelines for developing training package products for directions on how to find the right hyperlink</i></p>