



Australian Government

FBPSUG2020 Operate a coal fuel supply system

Release: 1

FBPSUG2020 Operate a coal fuel supply system

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to operate a coal fuel system and related auxiliary fuel system to supply a boiler. The auxiliary fuel supply system is typically an oil system.

The unit applies to individuals who work under supervision in the sugar milling industry.

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

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

Pre-requisite Unit

Nil

Unit Sector

Sugar milling (SUG)

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 the fuel supply system for operation	1.1 Conduct pre-operational checks according to workplace procedures 1.2 Identify and control health and safety hazards according to workplace safety procedures 1.3 Select, fit and use personal protective equipment according to workplace safety procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Identify and report maintenance requirements according to workplace procedures 1.5 Ensure primary and auxiliary fuel is available to meet combustion requirements according to workplace procedures 1.6 Confirm services are available and ready for operation
2. Start and monitor operation of the fuel supply system	2.1 Operate the system according to operating procedures 2.2 Confirm performance is maintained within operating procedures 2.3 Ensure the work area is maintained according to workplace cleaning standards
3. Analyse and respond to abnormal performance	3.1 Identify causes of abnormal performance in the operation 3.2 Take corrective action to rectify causes of abnormal performance 3.3 Implement emergency procedures according to health and safety
4. Hand over fuel system operations	4.1 Maintain workplace records according to workplace procedures 4.2 Carry out handover according to workplace procedures 4.3 Ensure operators are aware of system and related equipment status at completion of handover
5. Shut down the fuel supply system	5.1 Shut down the system according to operating procedures 5.2 Prepare the system for storage in shutdown mode according to operating procedures 5.3 Identify and report maintenance requirements according to workplace procedures 5.4 Store fuel to meet fuel requirements and workplace standards

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 information in workplace documentation

Skill	Description
Numeracy	• Monitor and interpret production and process control indicators and data • Calculate amount of caustic addition for each tonne of coal burnt
Navigate the world of work	• Apply workplace procedures to own role and responsibilities
Interact with others	• Use modes of communication suitable to purpose to confirm and clarify understanding
Get the work done	• Access and interpret coal fuel supply system control panels and system • Make routine decisions to correct abnormal performance of coal fuel supply system

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPSUG2020 Operate a coal fuel supply system	FDFSUG220A Operate a coal fuel supply system	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>