



Australian Government

Department of Education, Employment and Workplace Relations

FPPSUS210A Apply sustainable work practices/policies

Release: 1

FPPSUS210A Apply sustainable work practices/policies

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit specifies the outcomes required to apply sustainable work practices/policies to reduce negative environmental impacts of work practices in the pulp and paper industry without compromising OHS or legal requirements, and with due regard for other productivity and quality related operational requirements

General legislation, regulatory, licensing and certification requirements applicable to this unit are detailed in the range statement

Application of the Unit

Application of the unit

This unit addresses the knowledge, processes and techniques necessary to participate in sustainable work practices in the pulp and paper industry. It would normally apply to a team member

This unit generally applies to those who work in the pulp and paper manufacturing industry, to enable them to meet safety, quality and productivity requirements

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability skills This unit contains employability skills

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Identify current resource use	1.1. Workplace environmental and resource efficiency issues are identified and clarified with appropriate personnel 1.2. Resources used in own work role are identified 1.3. Current usage of resources is measured and documented using appropriate techniques
2. Comply with relevant regulations	2.1. Identified legislative and workplace requirements are applied 2.2. Breaches or potential breaches of identified legislative and workplace requirements are reported to appropriate personnel according to workplace procedures
3. Seek opportunities to improve efficiency	3.1. Workplace plans to improve environmental practices and resource efficiency are followed 3.2. Suggestions are made for improvements to workplace practices in own work area

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the skills and knowledge required for this unit.

Required skills

- Uses required forms of communication in applying sustainable work policies
- Reads and interprets required documentation, procedures and reports
- Identifies and actions problems within level of responsibility
- Maintains situational awareness in the work area
- Recognises procedures, follows instructions and responds to change
- Communicates with questions to clarify work requirements

Required knowledge

- Procedures, regulations and legislative requirements including OHS, environmental including relevant sustainability requirements/practices, Standard Operating Procedures (SOP), isolation procedures, safe working requirements, risks and hazard identification and housekeeping
- Relevant forms of communication
- Basic problem-solving techniques consistent with level of responsibility
- Basic understanding of sustainability
- Environmental and resource hazards/risks and inefficiencies associated within own work area
- Relevant environmental and resource efficiency systems and procedures for own work area
- Laws and regulations relevant to the work context
- Reporting procedures
- Upstream/downstream impacts of the application of sustainable work practices

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence should be relevant to the work. It should satisfy the requirements of the elements and performance criteria and include consideration of:

- the required knowledge and skills tailored to the needs of the specific workplace
- applicable OHS regulations, environmental and safe working requirements/practices, SOP and housekeeping requirements
- applicable aspects of the range statement
- practical workplace demonstration of skills

Context of and specific resources for assessment

A workplace assessment must be used to assess:

- the application of required knowledge on the job
- the application of skills on the job, over time and under a range of typical conditions that may be experienced pulp mill operations

Access to the full range of equipment involved in integrated continuous manufacturing operations in a pulp or paper mill is required

Method of assessment

A combination of assessment methods should be used. The following examples are appropriate for this unit:

- observation of applied skills and knowledge on the job
- workplace demonstrations via a mock-up or simulation that replicate part/s of the job
- answers to written or verbal questions about specific skills and knowledge
- third-party reports from relevant and skilled personnel
- written evidence e.g. log sheet entries, checklist entries, test results

Assessment processes and techniques must be culturally appropriate and in keeping with the language and literacy capacity of the learner and the work being performed. This includes conducting an assessment in

EVIDENCE GUIDE

a manner that allows thoughts to be conveyed verbally so that the learner can both understand and be understood by the assessor (e.g. use plain English and terminology used on the job)

A holistic assessment with other units relevant to the pulp and paper industry, mill and job role is recommended

Additional information on approaches to assessment for the pulp and paper industry is provided in the Assessment Guidelines for this Training Package

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Productivity requirements may include:

- energy efficiency e.g. gas
- waste minimisation
- evaporation minimisation, including landfill and waste water reduction
- environmentally safe waste disposal
- consideration of resource utilisation, including fibre efficiency
- minimising delays
- chemical recovery maximisation
- meeting key performance indicators
- line speed
- handovers
- quality checks
- meeting output targets i.e. net tonnes per employee per annum
- machine/process time availability i.e. time the machine or process is making product
- machine/process production rate
- minimising water usage

RANGE STATEMENT

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| Environmental and resource efficiency may include: | <ul style="list-style-type: none">• minimising chemical usage• chain of custody requirements• minimisation of environmental risks and maximisation of opportunities to improve business environmental performance and outputs and to promote more efficient production and consumption of natural resources, for example by:<ul style="list-style-type: none">• minimising waste, less landfill, less water contaminants, efficient energy use, efficient water use |
| Legislation, regulatory, licensing and certification requirements may include: | <ul style="list-style-type: none">• OHS and environmental requirements (local, state and commonwealth) |
| Workplace plans may include: | <ul style="list-style-type: none">• documented policies and procedures• work plans to minimise waste, increase efficiency of water use etc.• SOP |
| Suggestions may include ideas that help to: | <ul style="list-style-type: none">• prevent and minimise risks and maximise opportunities such as usage of alternative forms of energy where appropriate• reduce emissions of greenhouse gases• reduce use of non-renewable resources• improve energy efficiency• increase use of renewable, recyclable, reusable and recoverable resources |

Unit Sector(s)

Not Applicable