



Australian Government

Assessment Requirements for PPMRES340 Troubleshoot and rectify primary resource operations

Release: 1

Assessment Requirements for PPMRES340 Troubleshoot and rectify primary resource operations

Modification History

Release	Comment
1	Replaces equivalent unit FPPRES340A Troubleshoot and rectify primary resource operations, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1.0. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must be able to provide evidence that they can:

- troubleshoot and rectify primary resource operations, at least twice in line with required enterprise intervals, where corrective action on addresses equipment and product faults
- plan and safely diagnose causes and sources of process variation, plant, equipment and product faults
- communicate effectively, through written and verbal means, the corrective actions undertaken
- use safety accessories including protective and high visibility, safety clothing and electronic communication equipment when working with primary resource operations.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- troubleshooting methods that can be applied across system and quality faults for primary resource operations in the pulp and paper industry
- relevant documentation and procedures to troubleshoot primary resource operations in the pulp and paper industry including:
 - work health and safety (WHS) procedures, including high risk load shifting, licensing requirements, plant clearance, job safety analysis and permit systems
 - Standard Operating Procedures (SOP)
 - productivity requirements and quality procedures
 - environmental sustainability requirements and practices

- plant manufacturing operating manuals and plant isolation documentation
- enterprise policies and procedures and guidelines
- oil or chemical spills and disposal guidelines
- weighbridge dockets, work orders, invoices, tally sheets and truck delivery dockets
- non-conformance and test results and reports
- log sheets (production and equipment) and equipment performance data
- tonnage, input and conversion
- sampling and test reports
- Material Safety Data Sheets (MSDS)
- pile survey documents and process and instrument diagrams
- processes and associated services of primary resource operations, sufficient to troubleshoot including:
 - plant layout
 - theory of operation
 - causes and effects of adjustments made to primary resource handling plant and processes
 - relationships between primary resource handling system, processes and associated services
- the use of materials and supplies including hardwood or softwood logs, lapped pulp, waste paper, woodchips and parts in primary resource operations
- use and purpose of testing equipment including drying ovens, sizing screens and computer processing equipment
- appropriate and safe use of attachments including fork lift attachments, crane hooks, chains, slings and straps, grabs and winches
- the purpose, standards and procedures as per site agreement, of sampling and testing process for plant and system operations, and process monitoring
- types, causes and effects of plant shutdowns on primary resource operations
- key features of maintenance systems including operator level maintenance as per site agreements, operator maintenance schedules, maintenance suppliers and pro-active maintenance strategies.

Assessment Conditions

The following resources must be made available:

- access to the full range of equipment required to detect and address faults associated with primary resource operations in a pulp or paper manufacturing facility
- applicable work health and safety (WHS) and isolation work place procedures, environmental guidelines and safe working requirements, risks and hazard identification and workplace housekeeping requirements
- personal protective equipment required for operating machinery and equipment and fault rectification for the woodchip production system
- relevant personnel for the purposes of communicating information

- electronic control systems which includes Digital Control System (DCS), touch screens or robotics required to operate the woodchip production system
- sample workplace documentation, procedures and reports including SOP, quality procedures, environmental sustainability requirements/practices, plant manufacturing operating manuals, enterprise policies and procedures, oil or chemical spills and disposal guidelines, plant isolation documentation and safe work documentation

Competency is to be assessed in the workplace or in a productive environment that accurately reflects performance in a workplace.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingPackages.aspx/Pages/Home.aspx>