Modification history

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| Release | Comments |
| Release 1 | This version released with PPM Training Package Version 1.0. |

| PPMWPO210 | Monitor and control waste paper operations |
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| Application | This unit of competency describes the outcomes required to monitor and maintain waste paper operations, ensure product quality and record and report production data.  The unit applies to production support operators who work in a pulp or paper manufacturing facility in the waste paper operations area. This typically involves working in a facility with complex integrated equipment and continuous operations.  No licensing, legislative, or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Pulp and Paper Manufacturing (PPM) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Monitor and maintain process | 1.1. Check production requirements at start of shift and plan daily work activities in line with organisational safety and standard operating procedures.  1.2. Confirm operational status by visual or physical walk around inspections and other information.  1.3. Maintain process supplies to meet production requirements.  1.4. Monitor reject systems and screens and gauges to ensure operations are within specification.  1.5. Identify, rectify or report routine variations from specifications.  1.6. Monitor and maintain process levels to maintain productivity requirements.  1.7. Complete routine preventative maintenance in line with maintenance schedules. |
| 2. Control stock quality. | 2.1. Monitor and maintain conveyor feeds for consistent delivery.  2.2 Sample and test stock quality to ensure production requirements are maintained; interpret and record results.  2.3. Adjust product quality and system operation to rectify out-of specification stock and maintain productivity requirements.  2.4. Monitor and maintain water distribution systems. |
| 3. Record and report product and process data. | 3.1. Interpret production data and enter into recording system.  3.2. Communicate problems or variations with process, product or equipment to relevant personnel. |

| 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. | |
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| Skill | Description |
| Numeracy skills to: | * interpret basic numerical settings on instruments, gauges and data recording equipment * monitor, assess and interpret production data * record basic numerical data for test results and production outcomes. |
| Oral communication skills to: | * provide clear basic information about problems or variations with process, products and equipment. |
| Reading skills to: | * interpret: * workplace health and safety and standard operating procedures * maintenance schedules. |
| Writing skills to: | * complete accurate basic records for system operation and production outcomes. |
| Problem solving skills to: | * use and assess sensory information (sight, sound, touch, smell, vibration, temperature) to adjust process to maximise safety, quality and productivity. |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| PPMWPO210 Monitor and control waste paper operations | FPPWPO210A Monitor and control waste paper operations |  | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93 |

| TITLE | Assessment requirements for PPMWPO210 Monitor and control waste paper operations |
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| Performance Evidence | |
| A person demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit, and must be able to provide evidence that they can:   * monitor and control waste paper operations and complete routine maintenance on equipment, at least twice in line with required enterprise intervals in a pulp and paper manufacturing facility * for each of the above operational periods, complete records for system operation, production outcomes and equipment faults. | |

| Knowledge Evidence |
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| A person competent in this unit must be able to demonstrate knowledge of:   * organisational procedures relevant to workplace health and safety with particular emphasis on: * use of personal protective equipment (PPE) * equipment lock out and isolation procedures * handling chemicals and hazardous substances, including spill and disposal guidelines * plant clearance requirements * emergency procedures and responses * job safety analysis documentation and processes * plant permit systems and processes * high risk load shifting licensing requirements where relevant * major hazard facility requirements where relevant * system layout for waste paper processing plant * purpose and location of each supply system * purpose, features and operation of each component of the waste paper operations system, operating parameters and allowable variations * purpose of process controls and how changes affect production variables * purpose, features and operation of: * reject system * water systems * operation and application of electronic and other control systems * purpose of each of the steps in the preparation of the waste paper operations system for production * purpose of, and processes for sampling and testing product quality, plant and system operations * quality requirements for different types of stock * methods used to monitor waste paper system operations against specified system parameters * effect of process adjustments on product quality and productivity during monitoring and operation * organisational procedures: * standard operating procedures specific to waste paper operations * communication reporting lines * recording and reporting system operation, production outcomes and equipment faults |

| Assessment Conditions |
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| The following resources must be made available:   * access to the full range of equipment involved in integrated continuous manufacturing of waste paper operations in a pulp or paper manufacturing facility * organisational workplace health and safety and standards for waste paper operations in a pulp or paper mill * maintenance tools and equipment and consumables for waste paper equipment * personal protective equipment suitable for monitoring and controlling equipment and product for waste paper operations * relevant personnel for the purposes of communicating information * template documents for recording system operation and production outcomes * fully automated, semi-automated, manually operated plant and equipment appropriate to waste paper operations and related consumables * test and diagnostic equipment.   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 * 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. |

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