Modification history

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| Release | Comments |
| Release 2 | This version released with PPM Pulp and Paper Manufacturing Training Package Version 2.0. |
| Release 1 | This version released with PPM Training Package Version 1.0. |

| PPMCPP210 | Monitor and control coated paper processes |
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| Application | This unit of competency describes the outcomes required to monitor and maintain coated paper processes, ensure product quality and record and report production data.  This unit applies to production support workers who work in a pulp or paper manufacturing facility in the coated paper area. This typically involves working in a facility with complex integrated equipment and continuous operations.  No licensing, legislative, regulatory, 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 inspection, observation and other information.  1.3. Maintain process supplies to meet production requirements.  1.4. Monitor process to ensure coating system operations are within specification.  1.5. Identify, rectify or report routine variations from specification.  1.6. Monitor and maintain process levels to maintain productivity requirements.  1.7. Complete routine preventative maintenance in line with maintenance schedules. |
| 2. Control product quality | 2.1. Monitor and maintain product to quality requirements.  2.2. Conduct routine visual observations and assessments on product and system operations.  2.3. Sample and test product quality and interpret and record results to ensure production requirements are maintained.  2.4. Adjust system operation to rectify out-of-specification product and maintain productivity requirements. |
| 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 |
| PMMCPP210 Monitor and control coated paper processes Version 2 | PMMCPP210 Monitor and control coated paper processes Version 1 | Minor changes to knowledge evidence. | Equivalent unit |
| PPMCPP210 Monitor and control coated paper processes | FPPCPP210A Monitor and control coated paper processes |  | 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 PPMCPP210 Monitor and control coated paper processes |
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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 sufficient evidence of the ability to:   * monitor and control coated paper processes, at least twice in line with required enterprise intervals, with individual production requirements for each period * complete routine maintenance on equipment at specified intervals * complete records for system operation, production outcomes and equipment faults at least twice, in line with required enterprise intervals | |

| 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 licensing requirements where relevant * system layout for coated paper processing plant * purpose, features and operation of coated paper process plant, operating parameters and allowable variations * operation and application of electronic and other control systems * key features of the full range of processes involved in controlling coated paper production * purpose of, and processes for sampling and testing product quality, plant and system operations * quality requirements for different types of coated paper * methods used to monitor coating system operations against specified system parameters * effect of process adjustments on product quality and productivity during monitoring and operation * organisational procedures including: * standard operating procedures specific to coated paper processes * 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 tools and equipment involved in integrated continuous manufacturing of coated paper processes in a pulp or paper manufacturing facility * machines, equipment and resources specific to coated paper operations including electronic control systems which includes Digital Control System (DCS), touch screens or robotics * consumables which can be chemicals and polymers, additives, labels, felts and base paper * maintenance tools and equipment and consumables for coated paper process plant * personal protective equipment suitable for operating coated paper process plant * maintenance schedules for coated paper process plant * template documents for recording system operation and production outcomes * organisational workplace health and safety and standard operating procedures * relevant personnel for the purposes of communicating information   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 |

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