Title: Format product configuration for a programmable cube wrapping system for tissue products

Level: 4  Credits: 8

Purpose: People credited with this unit standard are able to: explain the fundamentals of a programmable cube wrapping system; and format a programmable cube wrapping system for tissue products.

Classification: Wood Fibre Manufacturing > Tissue Converting

Available grade: Achieved

Entry information:

Critical health and safety prerequisites: Unit 16763, Operate a cube wrapping system for tissue products, Unit 16573, Changeover a wrapping system for tissue products, or demonstrate equivalent knowledge and skills.

Explanatory notes:

1. This unit standard is intended for work-based assessment. While all evidence requirements must be met, some range statements within this unit standard are indicative and dependent on enterprise and worksite specific equipment, procedures, and practices.

2. The following apply to the performance of all outcomes of this unit standard.
   a. All work practices must meet recognised codes of practice and documented worksite health and safety and environmental procedures (where these exceed code) for personal, product and worksite health and safety, and must meet the obligations required under current legislation, including the Health and Safety in Employment Act 1992, the Resource Management Act 1991, and their subsequent amendments.
   b. All work practices must meet documented worksite quality management procedures. This includes the recording (by electronic or non-electronic means) of activities, events, and decisions.
   c. All communications made in relation to this unit standard must be made in accordance with worksite procedures for content, recipient, timing and method.
3 Definitions

*Formatting* refers to reconfiguration of machinery and cube wrapping system software for new product packaging sizing.

*Worksite policies and procedures* refer to documented policies and to documented or other directions provided to staff. These include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor’s instructions.

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### Outcomes and evidence requirements

#### Outcome 1

Explain the fundamentals of a programmable cube wrapping system.

**Evidence requirements**

1.1 The formatting procedures of a programmable cube wrapping system are explained in accordance with worksite policies and procedures.

Range formatting procedures may include but are not limited to – touch screen menus, screen adjusting key pads, mechanical timing marks, component changes, torque settings, component adjustment.

1.2 Hazards associated with formatting a programmable cube wrapping system are identified and the role of protective equipment and safety features is explained in accordance with worksite policies and procedures.

Range safety features may include but are not limited to – energy isolation procedures, lockouts, emergency stops, guards; hazards may include but are not limited to – in running nips, moving parts, automated processes, sharp edges, hot machine parts, noise, compressed air.

1.3 Product quality criteria are explained in accordance with worksite policies and procedures.

Range product quality criteria may include but are not limited to – product specifications, workplace quality standards, quality check systems.

#### Outcome 2

Format a programmable cube wrapping system for tissue products.
Evidence requirements

2.1 Safe work practices are demonstrated in accordance with worksite policies and procedures and legal requirements.

Range practices may include but are not limited to – energy isolation procedures, lock outs, emergency stops, machine guarding, wearing of appropriate safety equipment.

2.2 Formatting of the system is in accordance with worksite policies and procedures.

Range formatting may include but is not limited to – diverters, conveyors, roll infeed, roll delivery, poly infeed, hopper, elevator, pack sealer, underfold, tuckers, folding box, discharge belts, overhead flights, electronic safety devices, shear blades, elevator plates, panel screens, control panels, pack sealing units.

2.3 Formatting and adjustment of product configuration enables productivity and quality requirements to be met in accordance with worksite policies and procedures.

2.4 Inspection of plant components identifies wear or damage and corrective action is taken in accordance with worksite policies and procedures.

2.5 Tools and machine components are stored in accordance with worksite policies and procedures.

2.6 Programmable cube wrapping system components and work area are cleaned in accordance with worksite policies and procedures.

2.7 Programmable cube wrapping system machine components are lubricated in accordance with worksite policies and procedures.

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<th>31 December 2016</th>
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Status information and last date for assessment for superseded versions

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Consent and Moderation Requirements (CMR) reference

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<td>This CMR can be accessed at <a href="http://www.nzqa.govt.nz/framework/search/index.do">http://www.nzqa.govt.nz/framework/search/index.do</a>.</td>
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Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.
Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Competenz info@competenz.org.nz if you wish to suggest changes to the content of this unit standard.