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| Title | Operate a decorator unit for multi colour decorations on crepe tissue | | |
| Level | 4 | Credits | 10 |

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| Purpose | People credited with this unit standard are able to: prepare a decorator unit for multi colour run; decorate a multi colour pattern on crepe tissue; and solve problems encountered during a production run. |
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| Classification | Wood Fibre Manufacturing > Tissue Converting |
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| Available grade | Achieved |
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Guidance Information

1 Legislation and references

Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:

- Health and Safety at Work Act 2015
- Resource Management Act 1991.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

2 Definition

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.

3 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, worksite policies and procedures and legislative requirements. This includes the knowledge and use of worksite specific equipment, procedures, and practices. This unit standard may be assessed in the workplace using naturally occurring evidence or in a simulated environment that demands performance equivalent to that required in the workplace. All activities and evidence must be in accordance with worksite policies and procedures.

Outcomes and performance criteria

Outcome 1

Prepare a decorator unit for multi colour run.

Performance criteria

- 1.1 Safe work practices associated with operating a decorator unit are demonstrated.
- Range practices may include but are not limited to – energy isolation procedures, lock outs, emergency stops, machine guarding, wearing of appropriate safety equipment.
- 1.2 Sleeves or plates are positioned in accordance with the job specifications.
- 1.3 Viscosity is checked and adjusted to meet the requirements of the job specifications.
- 1.4 Doctor blades and inking systems are set up in accordance with the requirements of the job specifications.
- Range positions and pressures.
- 1.5 Doctor blade or inking system faults are rectified.
- Range incorrect pressures, worn blades, leaking end seals.
- 1.6 Web tensions are tuned to the machine to meet the requirements of the job specifications.
- Range draw, nip, bow.
- 1.7 Impression is checked for correct image transfer and adjusted to meet the requirements of the job specifications.
- 1.8 Decorator unit is fine tuned to ensure the required production standard is achieved.
- Range pressures, inking systems, tensions, registration, delivery.

Outcome 2

Decorate a multi colour pattern on crepe tissue.

Performance criteria

- 2.1 Pumps are located and filled with the ink and/or dyes required by the job specifications.

2.2 Multi colour work is decorated to meet the requirements of the job specifications.

2.3 Decorating standards are maintained against standards in the job specifications.

Range colour variation, registration, picking, ghosting, set-off.

Outcome 3

Solve problems encountered during a production run.

Performance criteria

3.1 Colour consistency standards are maintained to meet the requirements of the job specifications.

3.2 Problems encountered during the production run are solved by making corrective actions or adjustments.

Range problems may include but are not limited to (a minimum of two) – dirty print, set-off, ghosting, smudging, show through, ink contamination, creasing, mis-register, trapping, blocking, doctor blade faults, strike through.

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| Planned review date | 31 December 2028 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|-----------------------|---------|------------------|--------------------------|
| Registration | 1 | 29 June 1999 | 31 December 2012 |
| Revision | 2 | 20 August 2002 | 31 December 2012 |
| Review | 3 | 23 November 2003 | 31 December 2012 |
| Rollover and Revision | 4 | 26 January 2007 | 31 December 2012 |
| Review | 5 | 21 July 2011 | 31 December 2025 |
| Review | 6 | 29 June 2023 | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0013 |
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.