

# SKSTEX34 - SQA Unit Code H9F2 04

## Prove finishing routines for bulk production



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### Overview

This standard is for those who work with processes and are involved in producing a finished sample prior to bulk production.

The job role may involve:

1. Producing a pre-production finish sample
2. Testing processing methods against customer requirements
3. Establishing quality requirements
4. Making adjustments to formulations
5. Contributing to the production specification

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### Performance criteria

*You must be able to:*

- P1 receive work instructions and specifications and interpret them accurately
- P2 establish quality requirements
- P3 assessment machine processing capabilities against requirements
- P4 select suitable processing methods
- P5 assess the substrate for or process suitability and take remedial action if required
- P6 select suitable dyestuffs and auxiliary materials
- P7 scale up quantities accurately
- P8 selecting relevant test methods to ensure the sample meets requirements
- P9 carry out tests in bulk production conditions
- P10 make adjustments to the formulation as required
- P11 contribute to the production specification and instructions
- P12 select finishing methods to meet requirements
- P13 assess the sample against customer specifications and making the necessary adjustments to achieve shade
- P14 present results to customer and obtain customer approval within the required timescale
- P15 compile instructions for production which incorporate all relevant information
- P16 complete formulation records accurately
- P17 incorporate relevant standard operating and quality assurance procedures into the specification
- P18 complete and store accurate records and documentation

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### Knowledge and understanding

*You need to know and understand:*

- K1 how to receive work instructions and specifications and interpret them accurately
- K2 how to make use of the information detailed in specifications and instructions
- K3 machine and equipment processing capabilities
- K4 condition of substrate and types of remedial action to be taken when necessary
- K5 testing procedures
- K6 condition of substrate and the implications of unsuitable substrates
- K7 meaning and use of finishing terminology
- K8 procedures for evaluating samples
- K9 critical factors in selection of finishing agents and auxiliary materials
- K10 how to scale up finishing agents and auxiliary materials to meet production requirements
- K11 types of tests available
- K12 importance of testing
- K13 how finishing methods are determined
- K14 adjustments that can be made to achieve customer requirements
- K15 customer approval procedures
- K16 how to establish standard operating procedures
- K17 irregularities in processes and how to deal with them
- K18 quality assurance systems
- K19 capacities and capabilities of bulk production machinery
- K20 types of records, how to complete them and why they are important
- K21 the importance of achieving quality and its relation to the end user/customer
- K22 safe working practices and organisational procedures
- K23 limits of your own responsibility
- K24 ways of resolving with problems within the work area
- K25 the production process and how your specific work activities relate to the whole process
- K26 the importance of effective communication with colleagues
- K27 the lines of communication, authority and reporting procedures
- K28 the organisation's rules, codes and guidelines (including timekeeping)
- K29 the companies quality standards
- K30 the types of records kept, how are they completed and the importance of keeping them accurate
- K31 the importance of complying with written instructions
- K32 equipment operating procedures / manufacturers' instructions
- K33 statutory responsibilities under Health, Safety and Environmental legislation and regulations

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<b>Developed by</b>	Creative Skillset
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<b>Date approved</b>	January 2013
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<b>Validity</b>	Current
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<b>Status</b>	Original
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<b>Originating organisation</b>	Creative Skillset
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<b>Original URN</b>	TEX34
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<b>Relevant occupations</b>	Manufacturing technologies; Crafts, creative arts and design; Design Associate Professionals; Textile and Garment Trades
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<b>Suite</b>	Manufacturing Textile Products
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<b>Key words</b>	Textiles; finishing; dyeing; production; manufacturing; chemicals; materials
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