

# SKSTEX4 - SQA Unit Code H9E6 04

## Manufacture woven textiles



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### Overview

This standard is for those who are responsible for the daily upkeep of machinery and equipment, preparing for and carrying out the production process. They follow approved work methods and process materials safely to meet quality and quantity requirements.

The job role may involve:

1. Preparing for processing
2. Manufacturing products to specification
3. Keeping the work area clean and safe

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### Performance criteria

- You must be able to:*
- P1 receive and interpret work instructions
  - P2 carry out preparation activities safely within agreed timescales and following procedures
  - P3 maintain a clean, safe work area
  - P4 ensure materials match the weaving docket / ticket
  - P5 ensure sufficient materials are available to maintain continuity of work operations
  - P6 ensure sample weave on new warp is correct within limits of own responsibility
  - P7 organise the work area, resources and equipment to ensure efficiency during work operations
  - P8 test equipment and ensure machinery is in good working order and ready for use within your own areas of responsibility
  - P9 identify problems with materials, equipment and machinery and take relevant action
  - P10 protect materials/ products from damage and contamination
  - P11 use the approved working methods for the manufacturing process safely
  - P12 process materials to the required quality and quantity
  - P13 check production against specification / swatch to ensure correct pattern colour if required
  - P14 receive, use and provide relevant information at appropriate times during the production cycle, e.g.; production efficiency, yarn breakages
  - P15 keep downtime and wastage to a minimum
  - P16 report any problems in production promptly to the right person
  - P17 forward the labelled manufactured product according to instructions
  - P18 complete and store accurate records and documentation
  - P19 keep the work area and equipment clean, safe and free from waste, and cross contamination of yarn fibres from loom to loom
  - P20 use cleaning equipment and materials safely using agreed methods
  - P21 carry out the daily upkeep of machinery and equipment within limits of own responsibility
  - P22 carry out handover operations

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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 the importance of keeping the work area and equipment clean and free from waste, and cross contamination of yarn fibres
- K4 the types of cleaning equipment and materials used, and routine cleaning procedures and their importance
- K5 the types of daily upkeep of machinery and equipment within the limits of own responsibility
- K6 how the supply of materials is maintained and how they are checked against specification
- K7 the information provided by work instructions and specifications
- K8 the production process and how your specific work activities relate to the whole process
- K9 what checks are done on equipment and machinery
- K10 the types of problems which occur with materials and equipment and the action to take
- K11 how to produce and understand technical records and identify potential problems
- K12 how to present any ideas for improvement to line manager
- K13 the causes of lost production and material wastage
- K14 how to maintain the flow of production
- K15 the importance of achieving quality and its relation to the end user / customer
- K16 compressed air procedures
- K17 safe working practices and organisational procedures
- K18 limits of your own responsibility
- K19 ways of resolving with problems within the work area, and within limits of personal responsibility
- K20 the production process and how your specific work activities relate to the whole process
- K21 the importance of effective communication with colleagues
- K22 the lines of communication, authority and reporting procedures
- K23 the organisation's rules, codes and guidelines (including timekeeping)
- K24 the companies quality standards
- K25 the types of records kept, how are they completed and the importance of keeping them accurate
- K26 the importance of complying with written instructions
- K27 equipment operating procedures / manufacturers' instructions
- K28 statutory responsibilities under Health, Safety and Environmental

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legislation and regulations

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<b>Developed by</b>	Creative Skillset
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<b>Version number</b>	5
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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>	TEX4
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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>	Weaving; weave; woven; textiles; warp; loom; manufacturing
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