

# SKSTEX3 - SQA Unit Code H9E5 04

## Prepare the warp for weaving (knotting or healding)



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### Overview

This standard is for those who carry out essential preparatory operations prior to starting the weaving process.

The job role may involve:

1. Preparing machinery for work operations
2. Knotting or healding
3. Gathering appropriate resources and ensuring equipment is in good order to meet docket specification

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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 select required resources and check against specifications
  - P5 ensure sufficient resources are available to maintain continuity of work operations
  - P6 report resources which do not conform to specification to the right person
  - P7 organise the work area, resources and equipment to ensure efficiency during work operations
  - P8 ensure equipment is ready for use in order to meet requirements
  - P9 protect resources from damage and contamination
  - P10 confirm preparation activities are correct and complete
  - P11 release and remove beam from loom
  - P12 fit a new beam
  - P13 prepare new warp over frame and knotting
  - P14 draw warp through healds and reed
  - P15 fill all healds with ends
  - P16 replace selvedge and leno ends
  - P17 change weft, design and pick, if required
  - P18 sample weave to ensure product meets given specification/docket, if required
  - P19 remove finished rollers to cloth inspection area, if required
  - P20 carry out required preparation activities
  - P21 carry out takeover operations
  - P22 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 i.e. how to correctly draw ends in etc.
- K2 how to make use of the information detailed in specifications and instructions
- K3 ways of planning work activities to maintain continuity of operations
- K4 preparation activities prior to work operations
- K5 characteristics of materials to be processed and how to handle them
- K6 capabilities of equipment to be used and actions to be taken when it does not conform to specification
- K7 how to interpret weaving docket, to certify correct sett loaded before warp drawn
- K8 how to load a new beam onto the loom is efficiently
- K9 how to check all ends are accurately filled
- K10 the importance of maintaining a clean and safe work area
- K11 safe working practices
- K12 limits of your own responsibility
- K13 ways of resolving with problems within the work area, and within limits of personal responsibility
- K14 the production process and how your specific work activities relate to the whole process
- K15 the importance of effective communication with colleagues
- K16 the lines of communication, authority and reporting procedures
- K17 the organisation's procedures, rules, codes and guidelines (including timekeeping)
- K18 the companies quality standards
- K19 the types of records kept, how are they completed and the importance of keeping them accurate
- K20 the importance of complying with instructions
- K21 equipment operating procedures / manufacturers' instructions
- K22 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>Version number</b>	5
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<b>Date approved</b>	January 2013
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<b>Indicative review date</b>	April 2017
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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>	TEX3
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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>	Warp; weaving; weave; threads; beam; preparation
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