

# SKSTEX35 - SQA Unit Code H9F3 04

## Control textile testing procedures



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### Overview

This standard is for those who plan and monitor test procedures, and validate and present test results.

The job role may involve:

1. Selecting and monitoring testing routines
2. Dealing with abnormal occurrences
3. Evaluating and validating test results
4. Presenting test results
5. Making recommendations

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### Performance criteria

- You must be able to:*
- P1 receive instructions / specifications / samples for testing and interpret them accurately
  - P2 select textile testing routines
  - P3 plan and prioritise testing routines
  - P4 ensure environmental, health and safety requirements are met
  - P5 ensure equipment is within calibration and maintain calibration records
  - P6 carry out textile testing routines
  - P7 ensure test procedures are followed accurately to meet customer requirements
  - P8 monitor testing routines
  - P9 apply approved tolerances using approved interpretive techniques when required
  - P10 deal with abnormal occurrences
  - P11 identify and organise additional testing as required
  - P12 dispose of waste in accordance with organisational procedures
  - P13 analyse test results
  - P14 ensure results are valid and reliable
  - P15 check data against required outcomes
  - P16 identify deviations and investigate problems
  - P17 recommend corrective action as required
  - P18 ensure valid conclusions are drawn from processed data
  - P19 complete reports and make recommendations in the required format
  - P20 complete and store accurate records and documentation
  - P21 present results to the appropriate people within agreed timescales

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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 how to make use of the information detailed in specifications, samples and instruction
- K4 principles and purpose of testing
- K5 selection of appropriate testing methods and appropriate testing equipment
- K6 methods of controlling variables
- K7 health, safety and environmental requirements and procedures for testing
- K8 ways of ensuring the serviceability of equipment and action to take when it is defective
- K9 sample identification
- K10 how to check the integrity of the sample
- K11 methods of safe storage
- K12 types of abnormal occurrence and how to deal with them
- K13 how to identify and validate data to required levels of accuracy
- K14 required units of measurement
- K15 statistical and mathematical techniques applicable to data
- K16 tolerance limits of results
- K17 methods of dealing with deviations and procedures for correcting data
- K18 how to recognise anomalies in data against standard operating procedures
- K19 appropriate interpretative techniques
- K20 procedures for recording, storing and retrieving data
- K21 reporting procedures and report writing techniques
- K22 types of records, how to complete them and why they are important
- K23 the importance of achieving quality and its relation to the end user/customer
- K24 safe working practices and organisational procedures
- K25 limits of your own responsibility
- K26 ways of resolving with problems within the work area
- K27 the production process and how your specific work activities relate to the whole process
- K28 the importance of effective communication with colleagues
- K29 the lines of communication, authority and reporting procedures
- K30 the organisation's rules, codes and guidelines (including timekeeping)
- K31 the companies quality standards
- K32 the types of records kept, how are they completed and the importance of

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keeping them accurate

K33 the importance of complying with written instructions

K34 equipment operating procedures / manufacturers' instructions

K35 statutory responsibilities under Health, Safety and Environmental legislation and regulations

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