

SKSTEX6 - SQA Unit Code H9E7 04

Control the efficiency of the weaving process



Overview

This standard is for those who monitor machinery and equipment during production and maintain the required productivity levels and quality standards.

The job role may involve:

1. Overseeing the manufacture of textiles to specification
2. Organising and controlling department work

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Performance criteria

- You must be able to:*
- P1 carry out any shift change operations
 - P2 check that materials, machinery and equipment meet specification
 - P3 oversee materials and equipment against specification during processing
 - P4 organise and carry out tasks to maintain the flow of materials and production
 - P5 take appropriate action within your own area of responsibility if materials or equipment fail to match specification
 - P6 carry out daily maintenance and follow a repair schedule to maintain production targets
 - P7 ensure required machinery parts are available to meet repair schedule
 - P8 keep work area clean and free from waste and obstructions during production
 - P9 operate compressed air machinery in line with regulatory requirements if required
 - P10 monitor machinery and equipment during processing to ensure optimum efficiency
 - P11 set looms to correct settings such as warp tension and pick rate
 - P12 keep downtime and wastage to a minimum
 - P13 maintain productivity and quality levels to meet specification
 - P14 plan for changeover of loom and new beams
 - P15 check that processed products meet specification
 - P16 minimise wastage and downtime during processing
 - P17 ensure specification are met and record sample pieces
 - P18 report accurately to appropriate people
 - P19 complete and store accurate records and documentation
 - P20 pass on essential information and any instructions at changeover points during production

SKSTEX6 - SQA Unit Code H9E7 04

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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 ways of planning work / repair 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 the machinery and equipment being used
- K7 capabilities of equipment to be used and actions to be taken when it does not conform to specification
- K8 how to prepare repair schedules and ensure any spare parts required have been ordered through the appropriate procedure
- K9 liaising with management to ensure seamless production and changeover operations and planning
- K10 importance of maintaining a clean and safe work area
- K11 the causes of lost production and material wastage
- K12 how to maintain the flow of production
- K13 the importance of achieving quality and its relation to the end user/customer
- K14 compressed air procedures
- K15 safe working practices and organisational procedures
- K16 limits of your own responsibility
- K17 ways of resolving with problems within the work area, and within limits of personal responsibility
- K18 the production process and how your specific work activities relate to the whole process
- K19 the importance of effective communication with colleagues
- K20 the lines of communication, authority and reporting procedures
- K21 the organisation's rules, codes and guidelines (including timekeeping)
- K22 the companies quality standards
- K23 the types of records kept, how are they completed and the importance of keeping them accurate
- K24 the importance of complying with instructions
- K25 equipment operating procedures / manufacturers' instructions
- K26 statutory responsibilities under Health, Safety and Environmental legislation and regulations

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