

SKSHHT1 - SQA Unit Code H9EJ 04

Maintaining the handloom for Harris Tweed weaving



Overview

This standard is for Harris Tweed weavers who need to demonstrate an understanding of the handloom and associated equipment to ensure that they are able to maintain it during general use, tune the handloom and fault find if necessary.

The job role may involve:

1. Maintaining the loom during general use
2. Fault finding
3. Loom tuning

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Performance criteria

You must be able to:

- P1 maintain the loom on a daily basis
- P2 fault find when necessary
- P3 tune the loom (reset the timing, adjust tension)
- P4 observe relevant health and safety procedures
- P5 check equipment alarm is working regularly
- P6 ensure the rapier is clean and intact
- P7 locate and oil relevant joints

Knowledge and understanding

You need to know and understand:

Key areas of knowledge and understanding

- K1 the history of Harris Tweed and what it constitutes
- K2 how a loom operates
- K3 the Hattersley or Bonas-Griffith type of loom
- K4 terminology for the different parts of the loom and equipment
- K5 cost implications of loom breakdown
- K6 how to replace/repair broken or worn out parts
- K7 where to source replacement parts
- K8 the effect of various faults on the resultant fabric

Regulations, rules and guidelines

You need to know and understand:

- K9 The Harris Tweed Act 1993
- K10 quality systems and procedures as decided by the mill / organisation
- K11 limits of personal responsibility
- K12 reporting procedures
- K13 responsibilities under the relevant Health & Safety at Work legislation
- K14 loom makers operating brochure/training material

Additional Information

Skills

The skills and techniques

1. recognising sounds to locate and identify faults in loom
2. selecting the correct tool to fix the loom
3. recognising all colours across the full spectrum
4. judging distances accurately

Workplace skills

5. deal with problems within the work area, and within limits of personal responsibility
6. report problems outside area of responsibility to the appropriate person
7. relate quality to end user / mill / customer
8. meet deadlines
9. communicate effectively with tweed mills and/or private customers
10. comply with written instructions
11. keep accurate record of tweeds woven and fabric lengths woven

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Suite Heritage

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