

SKSTEX30 - SQA Unit Code H9EY 04

Develop designs for textile products



Overview

This standard is for those who develop designs for textile products from initial conception to final sample; identifying customer requirements; developing the design sample and finalising the design.

The job role may involve:

1. Interpreting customer's requirements
2. Working to a design brief
3. Producing a visual interpretation of the design
4. Identifying cost-effective methods of producing the first sample
5. Producing samples and specifications as required

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Performance criteria

- You must be able to:*
- P1 receive brief, specifications and work information and interpret them accurately
 - P2 identify and assess customer requirements
 - P3 research alternatives for realising customer requirements
 - P4 develop the initial design concept incorporating customer requirements
 - P5 research sources of supply of materials and components
 - P6 select suitable materials and components and ensure adequate availability
 - P7 consider cost constraints on the design
 - P8 produce a visual interpretation of the design
 - P9 agree a cost-effective method of producing the design sample
 - P10 seek customer approval for visual interpretation of the design
 - P11 produce accurate information and prototype design specification for sample production
 - P12 monitor the development of samples
 - P13 ensure the sample meets the specification requirements
 - P14 identify design or specification modifications required and seek approval
 - P15 ensure samples are tested to meet customer requirements
 - P16 identify the approved sample and store it in the agreed place
 - P17 contribute to customer approval procedures
 - P18 informing the relevant people when the design is approved
 - P19 ensure that approved samples and final specifications are complete, accurately identified and available to the appropriate people
 - P20 ensure customer sampling requirements are met within agreed timescales
 - P21 record the customer requirements and the design development process
 - P22 complete and safely store specifications and sample products in the agreed place in accordance with approved procedures

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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 interpret and make use of the work brief/ specifications/ information
- K3 how to research design trends, competitor markets and market developments
- K4 sources of records, archives and sample libraries and how to make effective use of them
- K5 how to interpret a design brief and customer requirements
- K6 relevant data and how to use them
- K7 sources of information regarding legislative requirements
- K8 production processes and machine capabilities
- K9 materials and their characteristics
- K10 customer pricing structures and policies
- K11 how to establish the fitness for purpose of the textile product
- K12 the construction of textile products
- K13 types of visual interpretation
- K14 the types of records kept, how are they completed, maintained and the importance of keeping them accurate
- K15 customer sampling procedures
- K16 customer approval procedures
- K17 the importance of achieving quality and its relation to the end user / customer
- K18 safe working practices and organisational procedures
- K19 limits of your own responsibility
- K20 ways of resolving with problems within the work area
- K21 the production process and how your specific work activities relate to the whole process
- K22 the importance of effective communication with colleagues
- K23 the lines of communication, authority and reporting procedures
- K24 the organisation's rules, codes and guidelines (including timekeeping)
- K25 the companies quality standards
- K26 the types of records kept, how are they completed and the importance of keeping them accurate
- K27 the importance of complying with written instructions
- K28 equipment operating procedures / manufacturers' instructions
- K29 statutory responsibilities under health, safety and environmental legislation and regulations

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Developed by	Creative Skillset
Version number	5
Date approved	January 2013
Indicative review date	April 2017
Validity	Current
Status	Original
Originating organisation	Creative Skillset
Original URN	TEX30
Relevant occupations	Manufacturing technologies; Crafts, creative arts and design; Design Associate Professionals; Textile and Garment Trades
Suite	Manufacturing Textile Products
Key words	Textiles; materials; fibres; yarns; design; development; pre-production