

<b>Domain</b>	<b>CLOTHING PRODUCTION</b>	<b>Unit ID: 156</b>
<b>Title:</b>	<b>Develop innovative ideas in a clothing production environment</b>	
<b>Level: 3</b>		<b>Credits: 2</b>

### Purpose

This unit standard covers the competencies required to generate and develop ideas for workplace improvement in a clothing production environment. It involves interpreting or observing the need for improvement and developing a detailed idea. This requires the creative generation and discussion of a number of ideas or solutions and accepting positive and negative feedback. Ideas should be tested in order to establish and present a workable outcome that meets the needs of the end user. This unit standard is intended for those who work in an industrial clothing production environment.

### Special Notes

1. Entry information  
Prerequisite:
  - Unit 130 - *Follow workplace safety procedures in a clothing production environment* or demonstrated equivalent knowledge and skills.
2. This unit standard is to be delivered and assessed in the context of clothing production operations and should be assessed in conjunction with other relevant technical unit standards selected from this domain.
3. To demonstrate competence, at a minimum, requires evidence of identifying the need for innovation, generating ideas using creative thinking techniques, presenting and discussing ideas with relevant people, analysing and reflecting on ideas to ensure they meet end user requirements, presenting ideas using appropriate communication methods, reviewing ideas using appropriate evaluation methods. These tasks must be performed ensuring correct identification of requirements and finishing of the tasks, correct selection and use of appropriate processes, tools and equipment and completing all work to specification.
4. Assessment evidence may be collected from a real workplace or a simulated real workplace or an appropriate simulated realistic environment in which clothing production operations are carried out.
5. Glossary of terms
  - *'innovative'* means to generate new ideas or solutions or develop new uses for old ideas and making them useful or a means of improvement.
6. Regulations and legislation relevant to this unit standard include the following:
  - Labour Act No. 6, 1992
  - Occupational Health and Safety Regulations No.18, 1997 and all subsequent amendments.

## **Quality Assurance Requirements**

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on [www.nta.com.na](http://www.nta.com.na)

## **Elements and Performance Criteria**

### **Element 1: Identify the need for innovation**

#### **Range**

Innovation may include generating new ideas or solutions or developing new uses for old ideas and making them useful or a means of improvement.

Assumptions can be about any convention in the workplace and might include: work processes, products, equipment and working conditions.

User requirements may refer to: who will be using the end product, why the product and process is needed, how it will be used, advantages it will provide and where it will be used.

#### **Performance Criteria**

- 1.1 The need for innovation within the workplace context is observed.
- 1.2 Assumptions about products and processes are challenged to identify opportunities for innovation.
- 1.3 Possible future contexts and environments for the innovation are projected.
- 1.4 End user requirements are defined.
- 1.5 Resources and constraints are identified.
- 1.6 Factors and ethical considerations that may impact on the idea are researched.
- 1.7 Relevant organisational knowledge is accessed.

### **Element 2: Generate ideas**

#### **Range**

Creative thinking techniques might include: brainstorming, visualising, establishing associations, creative writing, lateral thinking games, mind mapping, drawings, six thinking hats and using prompts.

Stimulation from alternative sources might include: reading books and industry journals, talking with colleagues and friends, visiting art galleries and museums, going to industry workshops and networks.

### **Performance Criteria**

- 2.1 Ideas are conceptualised using a range of creative thinking techniques.
- 2.2 Relevant knowledge to explore a range of approaches is applied.
- 2.3 Stimulation from alternative sources is sought.
- 2.4 Ideas are tested against brief and other factors.
- 2.5 Preferred option is selected.

### **Element 3: Collaborate with others**

#### **Range**

Relevant people might include: colleagues, team members, supervisors, managers and clients.

Maintaining a network of peers may include: participating in forums, participating in industry training, attending workshops and becoming a member of a network.

#### **Performance criteria**

- 3.1 Ideas are developed in conjunction with relevant people.
- 3.2 Feedback is sought and accepted from relevant people in an appropriate fashion.
- 3.3 Ideas are modified according to feedback.
- 3.4 A network of peers is maintained and utilised to discuss ideas.

### **Element 4: Analyse and reflect on ideas**

#### **Performance criteria**

- 4.1 Ideas are analysed from different perspectives.
- 4.2 Appropriate strategies are used to capture reflections.
- 4.3 Ideas are examined to ensure they meet context requirements, best practice and future needs.
- 4.4 Time is allowed for the development and analysis of ideas.

## **Element 5: Present ideas**

### **Range**

Communication techniques refer to presenting your ideas and may include: writing a proposal, showing a film, presenting a speech, preparing a report or drawing a diagram.

Educating the client might include: helping the client visualise and understand the idea, actively listening, asking questions, accepting others' opinions, explaining the proposal and clarifying details.

### **Performance criteria**

- 5.1 An appropriate communication technique is selected for the target audience.
- 5.2 The presentation of the idea is developed with the audience in mind.
- 5.3 The idea is presented to educate/inform the client.
- 5.4 The idea is modified according to client feedback.

## **Element 6: Review ideas**

### **Range**

Reviewing ideas might involve checking that the ideas can be implemented, that it meets the client/end user needs, best practice and financial requirements.

Evaluation methods might include developing checklists, discussing the process with colleagues or supervisors and writing a report of the outcomes.

### **Performance criteria**

- 6.1 Ideas are reviewed using appropriate evaluation methods to ensure it meets required needs.
- 6.2 Ideas are modified as required.

## **Registration Data**

<b>Subfield:</b>	Clothing, Leather and Textiles Manufacturing
<b>Date first registered:</b>	28 September 2006
<b>Date this version registered:</b>	28 September 2006
<b>Anticipated review:</b>	2011
<b>Body responsible for review:</b>	Namibia Training Authority