

-SQA- SCOTTISH QUALIFICATIONS AUTHORITY

NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION

GENERAL INFORMATION

-Module Number- 1260066

-Session-1996-97

-Superclass- SA

-Title- BASIC INTRODUCTION TO LAND BASED INDUSTRIES

-DESCRIPTION-

GENERAL COMPETENCE FOR UNIT: Describing local land and water based industries, gaining relevant practical experience and investigating job prospects in appropriate fields.

OUTCOMES

1. identify the major land and water based industries in a given local area;
2. describe production in given local land and water based industries;
3. carry out a range of tasks in a given local land and water based industry;
4. investigate job prospects in given land and water based industries.

CREDIT VALUE: 1 NC Credit

ACCESS STATEMENT: There is no access statement for this module.

For further information contact: Committee and Administration Unit, SQA, Hanover House, 24 Douglas Street, Glasgow G2 7NQ.

Additional copies of this unit may be purchased from SQA (Sales and Despatch section). At the time of publication, the cost is £1.50 (minimum order £5.00).

NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION**STATEMENT OF STANDARDS****UNIT NUMBER:** 1260066**UNIT TITLE:** BASIC INTRODUCTION TO LAND BASED INDUSTRIES

Acceptable performance in this unit will be the satisfactory achievement of the standards set out in this part of the specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

OUTCOME

1. IDENTIFY THE MAJOR LAND AND WATER BASED INDUSTRIES IN A GIVEN LOCAL AREA

PERFORMANCE CRITERIA

- (a) The identification of the major land and water based industries is complete with respect to the given local area.
- (b) The identification of particular production systems is complete with respect to the given land and water based industries.
- (c) The identification of the resources used in the land and water based industries is complete with respect to the given local area.

RANGE STATEMENT

Resources: natural resources; human resources.

EVIDENCE REQUIREMENTS

Written and/or oral evidence of the candidate's ability to produce identifications to satisfy all the performance criteria and critical classes.

OUTCOME

2. DESCRIBE PRODUCTION IN GIVEN LOCAL LAND AND WATER BASED INDUSTRIES

PERFORMANCE CRITERIA

- (a) The identification of the products of the given local land and water based industries is accurate with respect to the current situation.

- (b) the description of the production cycles of the given local land and water based industries is complete with respect to the given specifications.
- (c) the description of the marketing of the products of the given local land and water based industries is complete with respect to the current situation.

RANGE STATEMENT

Products: primary products; other products or waste materials.

EVIDENCE REQUIREMENTS

Written and/or oral evidence of the candidate's ability to identify one product of each of the given industries, a description of one production cycle and a description of the marketing of the products of a given industry to satisfy all the performance criteria and critical classes.

OUTCOME

- 3. CARRY OUT A RANGE OF TASKS IN A GIVEN LOCAL LAND AND WATER BASED INDUSTRY

PERFORMANCE CRITERIA

- (a) The preparations for the tasks are carried out according to the given specifications.
- (b) The tasks are carried out under supervision and follow safe working practices.
- (c) The records of the tasks carried out are complete with respect to the given criteria.

RANGE STATEMENT

Safe working practices: personal hygiene precautions; protective clothing; dealing with hazards.

Given criteria: time spent; activities undertaken; observations made.

EVIDENCE REQUIREMENTS

Performance evidence should be provided in the form of observation of activity for Performance Criteria (a) and (b) and critical classes. Additional evidence in the form of a written and/or oral record for Performance Criterion (c) and critical classes.

OUTCOME

4. INVESTIGATE JOB PROSPECTS IN GIVEN LAND AND WATER BASED INDUSTRIES

PERFORMANCE CRITERIA

- (a) The identification of the qualities and attitudes of workers in the given land and water based industries is accurate with respect to the given specifications.
- (b) The description of the individual's relevant qualities and attitudes is realistic with regard to working in the land and sea based industries.
- (c) The identification of suitable jobs in the land and sea based industries is appropriate to the individual's qualities and aspirations.
- (d) The description of the main skills required by the specified jobs is accurate with respect to current standards.
- (e) The description of the qualifications required for the specified jobs is accurate with respect to current standards.

RANGE STATEMENT

Qualifications: academic; vocational.

EVIDENCE REQUIREMENTS

Written and/or oral evidence in the form of a folio which satisfies all of the performance criteria and critical classes.

ASSESSMENT

In order to achieve this unit, candidates are required to present sufficient evidence that they have met all the performance criteria for each outcome within the range specified. Details of these requirements are given for each outcome. The assessment instruments used should follow the general guidance offered by the SQA assessment model and an integrative approach to assessment is encouraged. (See references at the end of support notes).

Accurate records should be made of the assessment instruments used showing how evidence is generated for each outcome and giving marking schemes and/or checklists, etc. Records of candidates' achievements should be kept. These records will be available for external verification.

SPECIAL NEEDS

In certain cases, modified outcomes and range statements can be proposed for certification. See references at end of support notes.

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NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION**SUPPORT NOTES**

UNIT NUMBER: 1260066

UNIT TITLE: BASIC INTRODUCTION TO LAND BASED INDUSTRIES

SUPPORT NOTES: This part of the unit specification is offered as guidance. None of the sections of the support notes is mandatory.

NOTIONAL DESIGN LENGTH: SQA allocates a notional design length to a unit on the basis of time estimated for achievement of the stated standards by a candidate whose starting point is as described in the access statement. The notional design length for this unit is 40 hours. The use of notional design length for programme design and timetabling is advisory only.

PURPOSE This module may be taken as a free-standing module in a wide variety of programmes. It is particularly suitable for candidates undertaking programmes in the land-based sector.

SQA publishes summaries of NC units for easy reference, publicity purposes, centre handbooks, etc. The summary statement for this unit is as follows:

On completion of this module, the candidate will be able to describe local land and water based industries, carry out relevant practical tasks and identify possible job opportunities.

CONTENT/CONTEXT The candidate should gain a good grounding in given land and water based industries largely through practical experience.

Corresponding to Outcomes 1-4:

1. The local land and water based industries could include some or all of the following: farming, forestry, fish farming, horticulture, conservation, leisure and recreation. Other land and water based industries may be particularly appropriate in the given local area. The particular production system could be animal (eg. trout, milk, beef or wool) or plant (eg. timber, barley, or container grown shrubs). An industry with a definite production system will be necessary for Performance Criterion (b). The treatment of resources should be restricted to plants and animals and labour requirements for the given local area.

2. Care should be taken to select local industries which can be readily considered from the points of view of products and production cycles. An arable enterprise could be a suitable example with the products being grain and straw, the production cycle being considered on a seasonal basis and the marketing consisting of the sale of grain for animal feeding or brewing and the sale of straw to local livestock farmers.
3. The tasks and the selected industry should be appropriate to the candidate's needs. The value of records of work carried out should be explained and instruction should be given in the completion of these records.
4. This outcome should be delivered in an informal atmosphere with as much individual delivery as possible. Considerable guidance may be necessary and it may be desirable for the local careers service to have an input.

APPROACHES TO GENERATING EVIDENCE After introductory sessions, this module should use a student-centred approach with group work playing an important part.

ASSESSMENT PROCEDURES Centres may use the instruments of assessment which are considered by tutor/trainers to be the most appropriate. Examples of instruments of assessment which could be used are as follows:

Corresponding to Outcomes 1-4:

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| Outcome 1 | An integrated assessment in the form of a report could be used for this outcome. |
| Outcome 2 | An integrated assessment in the form of a report could be used for this outcome. |
| Outcome 3 | Assessment should be by observation of practical work and the use of appropriate checklists together with a written and/or oral record of the work carried out. |
| Outcome 4 | An integrated assessment in the form of a folio of evidence could be used for this outcome. |

PROGRESSION This module would allow progress to a range of programmes in the land-based sector and contributes towards general and vocational training.

RECOGNITION Many SQA NC units are recognised for entry/recruitment purposes. For up-to-date information see the SQA guide 'Recognised Groupings of National Certificate Modules'.

REFERENCES

1. Guide to unit writing. (A018).
2. For a fuller discussion on assessment issues, please refer to SQA's Guide to Assessment. (B005).
3. Procedures for special needs statements are set out in SQA's guide 'Candidates with Special Needs'. (B006).
4. Information for centres on SQA's operating procedures is contained in SQA's Guide to Procedures. (F009).
5. For details of other SQA publications, please consult SQA's publications list. (X037).

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