



Higher National Qualifications

And

Scottish Vocational Qualifications

Senior Verifier Report

2007

Subject: Mechanical Engineering

Sector Panel: Engineering, Science and Mathematics

The purpose of this report is to provide feedback to centres on verification which has taken place within Higher National and Scottish Vocational Qualifications in this subject.

HIGHER NATIONAL UNITS

FEEDBACK TO CENTRES

General comments:

A total of 21 different Units were seen by EVs during visits to eight centres. Units were being generally well presented, including some new design Units from the new Mechanical Engineering framework. Centres were well prepared for visits, and documentation was generally of a good standard. Some minor amendments to instruments of assessment were suggested by EVs.

Advice on good practice and areas for further development:

Where the same Unit is presented by more than one department at a centre, strong internal verification is even more important. The Engineering Project is of particular value to candidates if there is a strong industrial link.

HIGHER NATIONAL GRADED UNITS

TITLES/LEVELS OF HN GRADED UNITS VERIFIED

DV11 34 **Mechanical Engineering: Graded Unit 1**

FEEDBACK TO CENTRES

General comments:

The examination papers used by the two centres involved had been prior verified, and hence no problems arose.

While candidates had generally been correctly assessed, in one or two cases the EVs identified minor changes in marks, and minor errors in recording/addition of marks.

Advice on good practice and areas for further development:

It is essential that centres have robust systems to ensure that all markers assess to the same standard, and apply marking schemes in the same way. A standardised way of showing part/total marks for questions would help ensure there were no errors in the final collation of marks.

NATIONAL UNITS

(i.e. Freestanding units which contribute to NPAs or NCs etc.)

TITLES/LEVELS OF NATIONAL UNITS VERIFIED

E7RR 11	Materials: Stress and Strain
D997 11	Graphic Communication: an Introduction
E9CF 11	Introduction to Dynamics
ED0X 11	Engineering Communications: Introduction
DOJF 10	Design and Make
D11R 12	Health and Safety in the Work Place
E96H 11	Engineering Systems 1: Machines and Mechanisms

FEEDBACK TO CENTRES

General comments:

All three visits to centres were satisfactory, with EVs reporting that these Units were being generally well presented. Centres were well prepared for visits, with appropriate evidence and documentation to hand.

Advice on good practice and areas for further development:

Where more than one department at a centre offer the same Unit, it is essential that there is a common IV system to ensure that standards and presentation are equivalent.