

**Higher National Qualifications**

**And**

**Scottish Vocational Qualifications**

**Senior Moderator Report**

**2006**

**Subject: Mechanical Engineering (CG 212)**

**Sector Panel: Engineering, Science and Mathematics**

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

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## **HIGHER NATIONAL UNITS**

### **FEEDBACK TO CENTRES**

#### **General comments:**

In general, centres appear to have prepared well for the visits. No problems were identified relating to assessment, and documentation was satisfactory.

To ensure an effective and efficient EV visit, it is essential that centres have all appropriate administration records readily available, including details of assessors/IVs and their qualifications. This seems to have been generally the case.

#### **Advice on good practice and areas for further development:**

EVs commented on good feedback to candidates at some centres. This is a very important aspect of the work of the assessor, and should be a priority for development at all centres.

## **NATIONAL UNITS**

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

## **TITLES/LEVELS OF NATIONAL UNITS MODERATED**

**D0JF 10 Design and Make**  
**DH57 10 Mechanical Fastening Methods**  
**D997 11 Graphical Communication: an Introduction**  
**E9CF 11 Introduction to Dynamics**  
**ED1J 11 Power Drives: Chain and Belt Drives**  
**ED1F 11 Power Drives: Shafts and Couplings**  
**E96H 11 Engineering Systems 1: Machines and Mechanisms**  
**E8M2 11 Introduction to Computer Aided Draughting**  
**E7RR 11 Materials: Stress and Strain**  
**D160 12 Dynamics**  
**D162 12 Thermofluids**  
**D11R 12 Health and Safety in the Work Place**  
**D993 12 Graphical Engineering Communication**

## **FEEDBACK TO CENTRES**

### **General comments:**

For nearly all the visits, EVs indicated that the centre had prepared well, and that all appropriate materials and documentation were available.

In some cases, recording of candidate performance was not complete, but otherwise no problems were identified relating to unit presentation and assessment.

In a number of reports, the centre's IV and QA systems were praised. This is very encouraging.

### **Advice on good practice and areas for further development:**

Thorough preparation for an EV visit is essential, if the visit is to be of most value to the centre. All relevant materials and documentation should be readily available, including details of assessors/IVs and their qualifications.