

Higher National Qualifications

And

Scottish Vocational Qualifications

Senior Moderator Report

2006

Subject: Sheet Plate and Welding (CG 218)

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.

HIGHER NATIONAL UNITS

FEEDBACK TO CENTRES

General comments:

This year's moderation covered a broad range of units within the Sheet Plate and Welding Group. The spread consisted of units in Fabrication, Welding, Manufacture, Quality Assurance and Inspection techniques.

All of the moderator reports highlighted a consistency in the approach to assessing evidence. All centres had quality assurance procedures in place, internal moderation and assessment was carried out well and all centres had suitably qualified staff in the roles of moderation and assessment.

Evidence existed of constructive discussions taking place between external moderators and centre's internal moderators and assessors. Some of these discussions were around the new SQA reporting systems and the new HN review of provision.

Advice on good practice and areas for further development:

Positive comments were received regarding the quality of candidates' work across all centres. This was an encouraging trend and testament to the good work being carried out by centres to ensure skills and standards are being maintained.

The centre reports highlighted elements of good practice in assessment materials, documented evidence and Internal moderation procedures.

Centres were aware of the introduction of new HN units next year and were also aware of the need to develop marking schemes, sample solutions and alternative assessment materials as part of Assessment Packs. These were the only areas where centres were advised of areas for further development.

NATIONAL UNITS

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

TITLES/LEVELS OF NATIONAL UNITS MODERATED

- ED8M 11 Introduction to Gas Shielded Welding Skills
- EE1W 12 Welding: Distortion and Residual Stress
- EA0V 11 Introduction to Metal Inert Gas (MIG) Welding
- EA14 11 Introduction to Oxy Acetylene Welding
- D00A 12 Manual Metal Arc Basic Welding Practice
- ED8N 11 Fastening and Joining: Non-Thermal Methods
- D7SP 12 Fabrication Skills: Sheet Metal
- D0PW 12 Surface Development and Pattern Drawing: Basic
- D00X 12 Tungsten Arc Gas Shielded Basic Welding Practice – Ferrous Material
- D00A 12 Manual Metal Arc Basic Welding Practice
- D00B 11 Manual Metal Arc Welding Process
- D00G 12 Metal Arc Gas Shielded Basic Welding Practice – Ferrous Material
- D00W 11 Thermal Joining Skills
- D00Y 12 Tungsten Arc Gas Shielded Basic Welding Practice – Non Ferrous Material
- E7WV 12 Tungsten Arc Gas Shielded Welding Practice 2
- ED8J 11 Oxy- Fuel Gas Thermal Cutting Skills
- EE20 12 Inspection: Principles of NDT
- EE16 12 Marking Out Procedures

FEEDBACK TO CENTRES

General comments:

The centre reports highlighted elements of good practice in assessment materials, documented evidence Internal moderation procedures and cross referencing of assessment evidence.

Positive comments were also received regarding the quality of candidates' work across all centres. This was an encouraging trend and testament to the good work being carried out by centres to ensure skills and standards are being maintained.

There were no other significant issues identified across the centres.
All the feedback given to centres was of a positive nature with minor recommendations being made.

Advice on good practice and areas for further development:

As in previous years all of the centres visited demonstrated good practice and a high quality of candidates' work. The quality of the assessment materials was good in all cases.

Evidence suggests that centres are adopting the use of Master Unit Packs demonstrating good practice in this area.

Areas for further development should focus on producing marking schemes, sample solutions and alternative assessment materials as part of Assessment Packs. Examples of these can be found within NABS.