

Moderation Feedback – Visiting - 2005

Assessment Panel:

Engineering

Qualification area

**Subject(s) and Level(s)
included in this report**

**Electrical Principles, Electrical Installation and
Electrical Plant – NQ Level (3 units)**

General comments on moderation activity

Electrical Principles (231)

There was a much higher level of external moderation activity in this cognate group with ten centres visited. Moderators reported that candidates were achieving very good standards of attainment. One moderator reported that candidates at one centre were achieving an ‘abnormally high’ level of Merits but this simply reflected the fact that the candidates were ‘high calibre, hard working students.’ Moderators did not report any areas where candidates performed less well.

Electrical Plant (274)

There was only modest external moderation activity in this cognate group reflecting the limited take up of Electrical Plant units in centres. Moderators made few positive or negative comments about candidate performance suggesting that at a minimum National standards were being attained.

Specific issues identified

Moderators reported no significant misunderstanding with procedures. External moderators were generally pleased with the way procedures were operated in centres. For example, it was reported that internal moderation procedures were operating effectively in all centres with sufficient sampling taking place. One moderator indicated that at one centre candidates were being ‘enrolled’ late with the SQA but was assured that this was being attended to. Late registration did not appear to be a problem in other centres.

No areas of common misunderstanding were reported at unit level. This is not surprising given that the units in all 3 cognate groups are well established and most unit specific problems have been dealt with.

Moderators did not indicate any areas of difficulty in moderating. In general, they found staff in centres to be helpful and supportive during moderation visits.

Feedback to centres

National standards are being achieved or even exceeded in the 3 cognate group areas. Summative assessment material is relevant and meets the requirements of the outcomes. Internal moderation procedures are working effectively with centres using appropriate samples of candidate work. In general, unit master folders are of a good quality and contain all essential information. Feedback to candidates is generally good. There are also examples of good practice that should be noted. For example,

- The use of an exploded diagram to explain the operation of a three phase induction motor
- The existence of excellent test facilities for electrical installation inspection and testing
- The use of combined computer simulation and practical work to enhance candidate learning
- Use of good learning/teaching notes to aid those candidates for whom English is a second language.