



**National Qualifications 2014
Internal Assessment Report
Electrical Plant**

The purpose of this report is to provide feedback to centres on verification in National Qualifications in this subject.

National Qualifications (NQ) Units

General comments

During session 2013–14 a single external verification visit was made for NQ Electrical Plant. The centre visited was an FE college and the external verification visit was conducted using SQA's mainstream approach to quality assurance. During the visit the following four National Qualifications Units were externally verified:

- F5HG 12: Electrical Plant Maintenance at SCQF level 6
- F5D7 11: Fundamental Electrical Systems at SCQF level 5
- F5D8 12: Fundamental Electrical Systems at SCQF level 6
- F5JT 12: Single and Three Phase Motors

It is good to report that the visit was successful. This meant that no holds were placed on any of the NQ Units. This success confirms that the centre was meeting national standards in Electrical Plant at NQ level.

Unit specifications, instruments of assessment and exemplification materials

The centre maintained the most up-to-date copies of Unit specifications in its master folders. Based on evidence from learning and teaching notes and assessment materials, assessors and internal verifiers are very familiar with the content of National Qualifications Unit specifications in Electrical Plant.

Centre staff are using assessment instruments based largely on the assessment support packs for the four Units externally verified, but with some modifications to meet local needs.

Evidence Requirements

The centre made available all session 2013–14 candidate work for the four NQ Units externally verified. This quantity of materials was more than sufficient for external verification purposes. An analysis of the candidate evidence presented indicated that both assessors and internal verifiers had a clear understanding of the Evidence Requirements in the four National Qualification Units externally verified.

Administration of assessments

The External Verifier reported that assessors and internal verifiers were complying with the centre's internal verification procedures. In confirmation of this the External Verifier saw completed internal verification documentation for three of the four Units (the fourth Unit was still being delivered). He also saw evidence of candidate scripts having been internally verified in the form of the internal verifier's signature and date on some candidate scripts.

Areas of good practice

The following good practice points were noted during the external verification visit.

The quality of written feedback to candidates was good. Praise was given where due but candidate errors and omissions were also clearly identified. Candidates were made to resubmit work where it fell short of the required standard.

The quality of the learning and teaching notes provided for three of the four NQ Units externally verified were very good. The notes were specific to the Unit, at the right level for the candidates and contained excellent images including examples of disassembled motors.

Specific areas for improvement

It is recommended that centres make the cutting score for the assessment to Outcome 1 of the Electrical Plant Maintenance Unit 9/11 instead of 11/11. This should make the assessment process for this Outcome more manageable.