

## H. V. CABLE JOINTING AND TERMINATING

### SHORT DESCRIPTION OF COURSE AND EXPECTED COMPETENCIES

The learning programme is titled *Joint and Terminate a Range of Cables*

This Learning Programme will enable learners to effectively joint and terminate a range of 11-33kV cables in different settings. These learners can already be in the employ of the workplace or those that will be employed and are currently unemployed and that require these specific skills.

### COURSE TRAINING CONTENT:

**OUTCOME 1** Determine joint requirements from cable jointing instructions and plan the jointing processes.

**OUTCOME 2** Ensure that the cables are safe to work on and make ready the cables for the jointing operation.

**OUTCOME 3** Joint a range of cables according to required standards.

**OUTCOME 4** Test jointed cables for efficient operation.

**OUTCOME 5** Complete end of work activities and the quality control check sheet and return equipment to operation.

**OUTCOME 6** Explain and discuss issues and jointing requirements relating to the various types of cables.

|                           |   |                         |    |
|---------------------------|---|-------------------------|----|
| <b>DURATION OF COURSE</b> | 5 Days  | <b>MINIMUM STUDENTS</b> | 10 |
| <b>EXPECTED PASS MARK</b> | 80%   | <b>MAXIMUM STUDENTS</b> | 12 |
| <b>TARGET POPULATION</b>  | ANY PERSON WHO IS REQUIRED TO WORK ON HIGH VOLTAGE CABLES |                         |    |
| <b>UNIT STANDARD</b>      | 243668  | <b>CREDITS</b>          | 72 |
| <b>NQF LEVEL</b>          | 4   |                         |    |

### **TO ATTEND THE ABOVE COURSE/S THE STUDENT MUST MEET THESE MINIMUM REQUIREMENTS:**

1. A MINIMUM OF 3 MONTHS ON JOB EXPOSURE TO PLANT AND APPARATUS.
2. STUDENTS MUST BE IN POSSESSION OF, AND UP TO DATE, REGULATION BOOK.
3. STUDENTS WILL BRING PEN, PENCIL, RULER AND WRITING PAD TO THE COURSE.
4. STUDENTS MUST BE ON TIME TO START THE COURSE.
5. MUST BE LITERATE IN THE ENGLISH LANGUAGE (MINIMUM LEVEL 3 ABD).
6. Communication and Literacy, NQF Level 3.
7. Mathematical Literacy, NQF Level 3.
8. Hand skills with a variety of hand and power tools.

This assumption forms the basis for the allocation of credits for this unit standard. If a learner does not have such experience or qualifications, the learning time will be increased.

**EXAMS/TESTS WILL BE DONE ON: THE MORNING OF THE LAST DAY – COVERING THE WHOLE COURSE.**