

LOW VOLTAGE OPERATING & FAULT FINDING

SHORT DESCRIPTION OF COURSE AND EXPECTED COMPETENCIES

Students will, after passing the prescribed exam:

Will Learn how to do switching, linking and/or lock-out, safety testing and earthing and have the opportunity to practice the operating procedures. You will be exposed to different situations and sequences encountered in LV reticulation networks.

COURSE CONTENT:

1. **PERFORM SWITCHING, LINKING AND/OR LOCK-OUT, SAFETY TESTING AND EARTHING AS PER STANDARD FOR LV OPERATING (SCSASAAW7) AND PROCEDURE FOR LV OPERATING (SCSPVADJ1).**
2. **PERFORM FAULT FINDING ON LV RETICULATION NETWORKS.**

DURATION OF COURSE	10 Days	MINIMUM STUDENTS	5
EXPECTED PASS MARK	80%	MAXIMUM STUDENTS	15
TARGET POPULATION	PERSONS INVOLVED IN THAT WORK		
UNIT STANDARD	259058	CREDITS	8
NQF LEVEL	3		

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

1. ABET Level 3/Grade 10
2. Test Instruments
3. Background to regulations
4. Use of LV operating equipment
5. Equipotential Earthing.
6. Cable Jointing.

PRE-REQUISITES

- Low voltage (LV) line construction
- LV live work procedure
- LV operating and fault finding
- All career development programme core modules for technical official

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