

LOW VOLTAGE LIVE WORK

SHORT DESCRIPTION OF COURSE AND EXPECTED COMPETENCIES

After successful completion of this module, you will have the necessary knowledge and skills to safely:

- Will be able to demonstrate his ability to safely carry out work on low voltage systems and equipment according to approved standards and procedures

COURSE CONTENT:

1. **LOW VOLTAGE LIVE WORKING STANDARD & TRAINING STANDARDS**
1. **AUTHORISED OPERATING & WORKING, WORKING ON LOW VOLTAGE CIRCUITS IN CLOSE PROXIMITY TO HIGH VOLTAGE CIRCUITS**
2. **LOW VOLTAGE LIVE WORK AUTHORIZATION FORM**
3. **TOOLS & EQUIPMENT**
4. **RISK ASSESSMENT**
5. **CUT OFF'S & RE-CONNECTION**
6. **REMOVE & REPLACE OF ED METERS**
7. **OPERATING PROCEDURES**

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. L. V Regulations
2. Electrical Theory
3. Test Equipment
4. Line Maintenance
5. Literate (read & write) Grade 10. ABET 3

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.