

BASIC PHASING FOR RETIC & URBAN NETWORKS

SHORT DESCRIPTION OF COURSE AND EXPECTED COMPETENCIES

Students will, after passing the prescribed exam:

1. Have a clear understanding of phasing principles.
2. Be able to apply the basic phasing in their outputs, keeping in mind;
 - Safety of persons
 - Safety of plant and apparatus
 - Continuity of supply to the customer
3. Perform basic phasing on HV apparatus (stick, visual, meggar, strap/link, VT, dark lamps, phase rotation).
4. The students are given an explanation of basic phasing methods on three phase systems

COURSE CONTENT:

1. IMPLEMENTATION OF BASIC PHASING METHODS: REFER TO REG. 2.07
2. STICK PHASING
3. VISUAL PHASING
4. MEGGAR PHASING
5. STRAP/LINK PHASING
6. VT PHASING
7. DARK LAMPS
8. PHASE ROTATION METERS
9. PHASING MATRIX – WHERE TO APPLY THE DIFFERENT METHODS
10. AUTHORISATION AS PER O. R. H. V. S. – AUTHORISED PERSON DEFINITION

DURATION OF COURSE	3 Days	MINIMUM STUDENTS	5
EXPECTED PASS MARK	80%	MAXIMUM STUDENTS	15
TARGET POPULATION	AUTHORISED PERSONS AND TRAINEES		
UNIT STANDARD	103803		

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

1. A MINIMUM OF 3 TO 6 MONTHS ON JOB EXPOSURE TO PLANT AND APPARATUS AND HAVE PASSED THE FULL O. R. H. V. S. COURSE.
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).

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