
Practical

HIGH VOLTAGE SAFETY OPERATING PROCEDURES

for Engineers & Technicians



YOU WILL LEARN:

- Approved ways of operating and earthing high voltage equipment to ensure safety of personnel at all times
- The difference between safe and unsafe working conditions
- The requirements for a responsible person or appointed operator
- The documentation required for Occupational Safety and Health Acts
- Live Chamber and limited access procedures

WHO SHOULD ATTEND:

- Electrical Engineers
- Project Engineers
- Design Engineers
- Field Technicians
- Electrical Technicians
- Electricians
- Plant Operators
- Electrical Foremen
- Plant Electrical Engineers
- Electrical Supervisors
- Instrumentation and Design Engineers
- Industrial Organisations with High Voltage Electrical Distribution



THE WORKSHOP

Employees performing operations and maintenance work on high voltage electrical transmission and distribution systems are exposed to a greater hazard than most other employees.

In industry the majority of safety rules and regulations originated from the painful experience of workers who suffered serious injuries or even death. Therefore, rules should not be seen as a means of limiting our freedom, but should rather be looked upon as valuable advice to ensure safe working conditions. This workshop covers the basic procedures in working safely on high voltage systems.

PRE-REQUISITES

A fundamental knowledge of electrical engineering and some experience with high voltage systems.

WORKSHOP OBJECTIVES

The aim and prime objective of this one-day workshop is to define minimum requirements for safe working on high voltage electrical switchgear by employees with special reference to:

- dangers of electricity
- duties and responsibilities of appointed operators and responsible persons
- alive, dead and isolated safety testing
- warning notices
- minimum earthing requirements
- the work permit system for safety operating
- live chambers
- prohibited areas
- issuing and keeping of keys

ON-SITE TRAINING

- ✓ **SAVE** over 50% by having an IDC workshop presented at your premises.
- ✓ Customise the training to **YOUR** workplace.
- ✓ Have the training delivered when and where you need it.

Contact us for a **FREE** proposal.

THE PROGRAM

DAY ONE

DEFINITIONS

FUNDAMENTAL PRINCIPLES

ISOLATION

REASON FOR EARTHING

MAKING FEEDERS AND APPARATUS SAFE TO WORK ON

THE WORK PERMIT SYSTEM

LIVE CHAMBERS AND PROHIBITED AREAS

ABNORMAL CONDITIONS

THE APPOINTED OPERATOR AND THE RESPONSIBLE PERSON

LOCAL REGULATIONS AND INSTRUCTIONS

PRACTICAL SESSIONS

Working in groups you will undertake the following eight practical assignments:

- Fundamentals and regulations
- Isolation
- Earthing
- Making feeders and apparatus safe to work on
- The Work Permit System
- Live chambers and prohibited areas
- Abnormal conditions
- Appointed operators and responsible persons



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A good course for those that have little knowledge in this area, as well as insightful.

Shamir K. Chibba

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Very practical & applicable. All info valuable.

F. van Zyl

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