

## Course Description

# INTCN104

## Introduction, O & M of Outdoor Circuit Breaker- VBF/SDB/OHB/FSKII – Level 1 - Basic

### Course goal

The goal of the course is to familiarize the trainees with outdoor circuit breaker type: OVB-VBF or OVB-SDB or OHB or FSKII. It covers technical parameters, interlocks & its operation.

### Learning objectives

Upon completion students will:

- Become conversant in fundamentals of breaker construction and application
- Become conversant in technical parameters of outdoor circuit breaker
- Understand the operation principle of the circuit breaker

### Participant profile

This course is designed for technicians, operators & engineers (less than 5 years' experience) responsible for the maintenance, testing and consultation of industrial and utility substations.

### Prerequisites

This course is set up for beginners in outdoor circuit breaker maintenance, operation & servicing. Students shall have basic knowledge of circuit breaker.



### Topics

- Introduction
- Features & construction
- Operation of circuit breaker
- Overview on protection, control & communication
- Standard drawings
- Practical exercise on sample breaker
- Safety: safe work procedures, and usage of personal protective equipment
- Manufacturer recommendation for maintenance
- Overview on PowerCare & MyRemote Care tools
- Case study

### Course type and methods

This is an instructor led seminar with class room lectures, demonstrations & factory visit. The language of the course is English.

### Course duration

The duration of the course is two days.

### ABB India Limited

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