

COURSE DESCRIPTION

INTCV563

Instrument Transformers



The goal

The goal of the course is to improve the ability of Personnel from Power Utilities, Power Generation, transmission companies & industries and Consultants responsible for engineering, commissioning, operation and maintenance of substations to use and select the Instrument transformer in better way.

Learning objectives

Upon completion of this course, participants will be able to:

- Interpretation of relevant applicable standard.
- Appreciate the design principles and critical elements of Instrument transformer.
- Understand the critical elements of operation & maintenance Instrument transformer.

Participant profile

Personnel from power utilities and industries (incl. automobile, steel, paper, chemical plant, cement, etc.) and consultants responsible for engineering, commissioning, operation of Industries.

Prerequisites

Degree or diploma in engineering, basic knowledge of power system

Topics

- IEC 61869 – interpretation.
- Design, operation and construction.
- Product offering based on system.
- Importance of factory process.
- Interpretation of type test reports.
- Safety features and precautions.
- Storage and transportation.
- Erection & commissioning
- Operation, maintenance and troubleshooting

Course type

This is an instructor led seminar with practical exercises and demonstrations at manufacturing facilities / Training room. The course language is English.

Laptop or tablet is required to have access to the e-documentation. Please bring your own device.

Duration

The duration of the course is three days

Safety

Participants must wear safety toe shoes or boots while entering the labs.

To Register:

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Sign In: check [IE browser setting](#) Click SIGN IN to Sign-up or Log-in with your ABB account.

Search: please enter course number INTCV563 into the search field. (Please check the language filter EN)

The latest version of the course portfolio, and course schedule can be found on our

ABB PowerTEC Webpage :

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