

TRANSTECH SOLUTIONS OCCUPATIONAL SAFETY & HEALTH TRAINING & CONSULTANTS LLC.



"Solutions Through Innovations"

Analysis and Power Protection Systems 5 Days Training



TSLOSHTC a Training Provider with a Mission

Analysis and Power Protection Systems 5 Days Training

Course objectives

Participants attending this program will: Return to their respective organizations equipped with new or refreshed skills to ensure that electrical network is operating properly. On successful completion of this course, participants will:

- Have a better understanding of Fundamentals of Power System Faults and Protection
- Have a better understanding of Fundamentals of Power System Analysis
- Review different Short Circuit and Fault Studies
- Using ETAP software to simulate the calculations
- Studying the relay coordination effects on Electric power system.
- Study Harmonics, arc flash and Reliability In Electrical Power System
- Understand the need for calculation the short circuit current.

Course Outline

- Fundamentals of Power System, Faults, Protection and Analysis
- Industrial Power System Design and Planning Basics
- Short Circuit and Fault Studies
- Protection Relays coordination.
- Harmonics and Reliability In Electrical Power System

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Who Should Attend

The course is designed for:

- Electrical Engineers
- Electrical Technicians
- Power System Engineers
- Safety Engineers
- Consulting Engineers
- Project Engineers
- Power System Technicians
- Electrical Contractors
- Tradesman Electricians

Course Methodology

The course is designed to maximize delegate benefit from the outset. The goals of each participant are discussed to ensure their needs are fulfilled as far as possible. Questions are encouraged throughout particularly at the daily wrap up sessions. This provides opportunities for participants to discuss specific issues and if possible find appropriate solutions. Case studies are employed to highlight particular points and appropriate video materials used to illustrate particular conditions. Understanding system design and limitations is fundamental to ensuring adequate design & specification activities are undertaken.

Assessment & Certification

All candidates that pass the written assessment shall receive a Certificate for successfully completing the Analysis and Power Protection Systems Training. Others will be provided with attendance certificates

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Our Instructor

All our instructor have 30+ years' experience and high degree such as:

- Master's degree,
- Doctoral degree
- Professional degree.

Course Prerequisite

- English Language (Average Fluency)
- Basic Electrical Engineering (Preferable)

Venue

5 Stars Hotel in Abu Dhabi, or Dubai
and Available Online as per your requisite

Duration

5 Days Training

Course Language

- English
- Arabic



ACTVET

Abu Dhabi Centre for
Technical and Vocational
Education and Training

مركز أبوظبي
للتعليم والتدريب
التقني والمهني



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