



**GCC Electrical
Testing Laboratory**
المفتبر الفليبي لفمص الممدمم الكهريانية

Liquid insulating oil and its application in electrical industry

This course is comprising insulating oil production, handling, storage, quality control, supply to required specification, transformer filling, top up and maintenance of in-service insulating oil.



**GCC Electrical
Testing Laboratory**
المفتبر الفليبي لفمص الممدمم الكهريانية



**GCC Electrical
Testing Laboratory**
المفتبر الفليبي لفمص الممدمم الكهريانية

Education
Course Code: **EXX1**



**Liquid insulating oil
and its application
in electrical
industry**

DECEMBER
23 - 27
2018



GCC Electrical Testing Laboratory

المفتبر الفليبي لفمص المعدات الكهربائية

Objectives

Upon completion of this course, the Participant will be able to:

Select correct oil for transformer (application thinking), maintain the oil in transformer in an acceptable condition and able to take corrective action if require.

Addressed to:

Electrical engineers working in electricity generation, transmission and supply. Other engineers working for industry which own oil filled transformers

Duration:

3 Full Days

Location/Venue:

GCCIA HQ, Dammam

Course Fees:

Liquid insulating oil and its application in electrical industry

PROGRAM

The Course program contains the following training outline:

DAY 1:

Introduction to transformer oils, Requirements of insulating oil, part I & part II, Interactive Workshop and Physical, electrical and chemical oil tests and their significance

DAY 2:

Maintenance of in-service insulating oil, Case study session: Oil Analysis, Corrective actions (advantages and disadvantages)

DAY 3:

Interactive maintenance cases related to corrective actions of insulating oils

