

Course Code : KA-S-005

HAZARDOUS AREAS

2-DAY Ex BASIC COURSE

FOR E&I Technician, Engineer or Inspector

Course Length (Days)	Taught Hours	Practical Content (%)	Theoretical Content (%)
2.0	17	50	50

TARGET AUDIENCE

Junior electrical staffs, technician, graduate engineers or anyone who conducts electrical installation or inspection of hazardous areas as well as those who wish to upgrade their practical skills and knowledge.

COURSE OBJECTIVES

This course is designed to provide participants with basic EX electrical installation and inspection knowledge in compliance with international standards IEC 60079-10, 14 & 17.

We aim to achieve introductory qualification for employment in industries with explosive atmospheres such as: mining / chemical plants / refineries / gas terminal / offshore oil & gas installation / metal finishing.

COURSE CONTENT

- General Principles, Standards & Certification
- Reading & understanding different markings and name plates
- Main methods of explosion protection
- Selection of appropriate equipment for given hazardous area
- PTW & Safe Isolation
- Installation and inspection of Ex equipment

Practical Training

- Cable glanding and termination exercises
- Ex nameplates practice
- Simulation board to select appropriate Ex equipment in potentially hazardous area.
- Fault finding / Inspection practice

Assessment

- Theory Examinations

DELIVERY

Teaching aids, slides, videos, practical demonstrations, Simulation board, assessment etc

CERTIFICATION

Candidates who complete course and assessment successfully will gain a recognized **Ex Basic Certification of Achievement** issued by KIQUS ATTS Training Centre.

Minimum/Maximum Number Per One Class

8 / 16

Times Of Training

09:00 to 18:00

Venue

#911 Gwanggyo Business Center 156 Gwanggyo-ro, Youngtong-gu, Suwon-si, Gyeonggi-do, South Korea

Special Requirements

Delegates are required to supply their own PPE (personal protective safety equipment).

Dates And Prices

Please check with course administrator

Notice: **The Schedule may be modified by Client requirements and/or Trainer's discretion.**