



SOURCE IEx

Introduction to ATEX / IECEx

This course is intended to be a basic intro-level course into the 2 most prevalent international hazardous area schemes. It is designed to provide fundamental information to those who need a base knowledge of the standards, terminologies, etc that are utilized in the ATEX and IECEx systems in order to facilitate their understanding of projects or equipment requests that include requirements to meet ATEX and / or IECEx certification.

This course is NOT intended to be a full explanation of the requirements of these systems nor provide a demonstrated competence in those systems, but is a short informative seminar to help personnel begin to get a grasp on the terminologies and standards required by ATEX and / or IECEx projects.

Attendees will be provided a Certificate of Completion issued by Source IEx.

Course Summary:

Basics of Explosion Protection (Gas / Combustible Dust properties, Explosion Principles, etc)
Understanding of Hazard Groups, Temperature Classifications, and Equipment Location requirements

ATEX Directives – description, relevant standards, etc

IECEx Standards – description, relevant standards, etc

Area Classification – Zone definitions and criteria

Types of Explosion Protection – basic methodologies and principle of operation

How to read an ATEX or IECEx Label

Equipment Selection – what you need to know

Cost: \$149.00 per student includes lunch and study guide

Dates: February 22nd, March 22nd, April 19th

Location: Source IEx 19998 Hickory Twig Way, Spring, TX 77388

To register, please contact us at training@sourceiex.com or call us at (281) 882-8300 or click the link [here](#) to go to the registration page directly.



Introduction to North American Haz Area Standards

This course is intended to be a basic intro-level course into the 2 hazardous area systems suitable for use in North America (primarily U.S.) It is designed to provide fundamental information to those who need a base knowledge of the standards, terminologies, etc that are utilized in the National Electric Code (NEC) for hazardous area equipment selection and installation, in order to facilitate a base understanding of projects or equipment requests that include requirements to meet North American Hazardous Area certification.

This course is NOT intended to be a full explanation of the requirements of these systems nor provide a demonstrated competence in those systems, but is a short informative seminar to help personnel begin to get a grasp on the terminologies and standards required by the NEC. Attendees will be provided a Certificate of Completion issued by Source IEx.

Course Summary:

Basics of Explosion Protection (Gas / Combustible Dust properties, Explosion Principles, etc)
Understanding of Hazard Groups, Temperature Classifications, and Equipment Location requirements

NEC 500 (Class / Division) – description, equipment protection methods allowed, etc

NEC 505 (Class / Zone) – description, equipment protection methods, etc

Area Classification – Hazardous Area Designations and criteria

Types of Explosion Protection – basic methodologies and principle of operation

How to read an equipment label

Equipment Selection – what you need to know

Cost: \$149.00 per student includes lunch and study guide

Dates: February 8th, March 8th, April 5th

Location: Source IEx 19998 Hickory Twig Way, Spring, TX 77388

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SOURCE IEx

Instructors

Wayne Mayo

Wayne as the training/inspection manager at Source IEx brings over 30 years of experience in Ex electrical installations including as an offshore electrician in both private industry and the US Navy. Wayne is also a CompEx instructor and assessor and has served on the US IECEx committee as a representative. Wayne also has been instrumental in developing and opening up CompEx centers in the US and has been a speaker at IEEE functions as well as other industry activities. Wayne also is recognized as a competent person per the Australian EEHA regulations for Ex installations.

Bob Johnson

Bob, the president of Source IEx brings over 30 years of experience in the hazardous location equipment and design industry working for a large manufacturer of Ex equipment and founding Source IEx over 15 years ago. Bob is also a CompEx instructor and assessor and currently serves on the US UL STP committee responsible for the adoption of IEC standards into the US. Bob is also a TUV Rheinland Functional Safety Engineer and holds an IECEx CoPC certificate. Bob has also written articles on Ex for EC&M magazine as well as held numerous presentations for organizations such as IEEE and API.

