



5 Day Competence Based Safety Training in Ex-Equipment – Electrical/Instrumentation

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Course Code: GN05EI

Leaders in Ex Equipment Training for Hazardous Areas

Course Duration	Trainings Hours	Theory Content	Practical Content
5 days	40 Hours	50%	50%

Target Audience:

Participants from Electrical, Instrumentation, Production and Maintenance departments of Oil & Gas, (offshore/onshore), LNG, FPSO etc. industries involved in Selection/Installation and Inspection/Maintenance of Ex-Equipments suitable in PEHA.

Course Objective:

The aim of this course is provide knowledge and improve competence level and skills used to make Ex-Equipments suitable for use in respective zones in hazardous atmosphere as per IEC 60079 Standards.

Course Content:

Theory Induction:

- General Requirements for hazardous areas - Zones, Gas groups, Temperature codes etc.
- Certification and Markings as per IEC, BS, ATEX, NEC, EPL
- Standards - IEC, BS and ATEX
- Wiring requirements & Earthing Systems
- Protection Techniques in Hazardous Area
- Intrinsic Safety Exi & Hybrid Protection
- Inspection and Maintenance of Ex-Equipments
- Safety at work (PTW)

4 Practical modules - CAU 1, 2, 3, 4

- CAU 1– Selection and installation of Exd,Exe, & ExnR equipments in PEHA
- CAU 2 – Inspection of Exd, Exe and ExnR equipments in PEHA
- CAU 3 – Inspection of Exia & Associated equipments in PEHA
- CAU 4 – Selection and installation of Exia & Associated equipments in PEHA

Certification:

CERTIFICATE OF COMPLETION shall be issued by our Trainer and International Assessor from Shivam Training Centre upon passing the assessments. COC is valid for 5 years.

Assessments and Criteria:

Theory Assessment - Score 80% or higher to pass

Practical Assessment - Score 80% or higher to pass

Delivery:

Teaching aids, class room theory, slides, videos, cables & glands, demonstration and Simulation/Competence based practical assessment.

Venue: Mumbai Training Centre

Bldg. – 39, Shop no. 102, Indian Corporation, Dapode Rd, Mankoli Naka Bhiwandi, Dist. Thane, Maharashtra (421302) India.

Minimum Participants per class:

3

Training Hours:

8:30am – 5:30pm

Course Dates and Fees:

Please contact us for details.

www.shivamtraining.com

Special Requirement:

Candidates are to bring their own PPE and qualification certificates for the course.