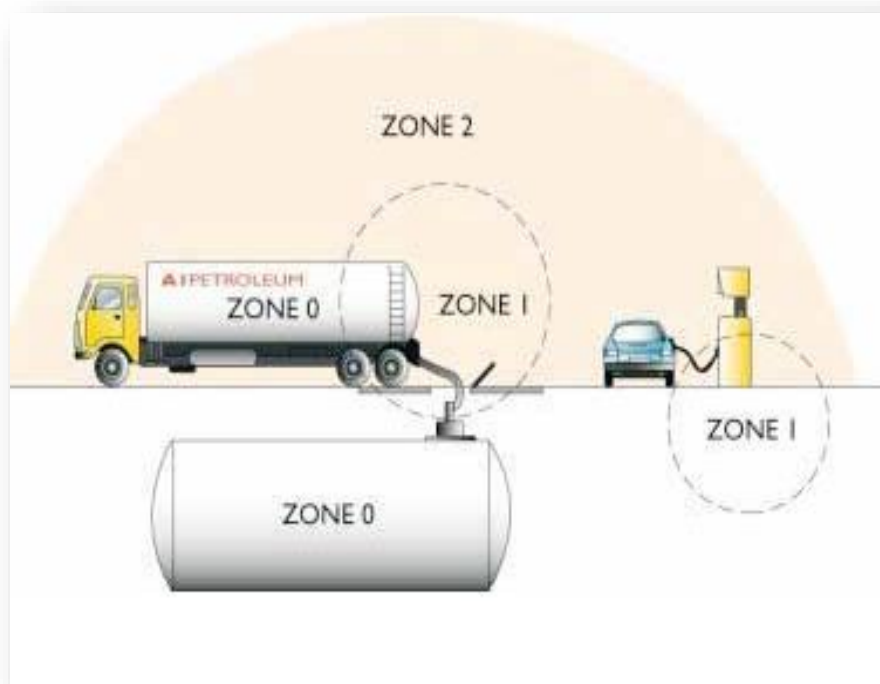


HAZARDOUS AREA CLASSIFICATION

2 days training on HAZAROUS AREA CLASSIFICATION DRAWING & MEMORANDUM



Learn how to divide a plant or installation into hazardous/non-hazardous areas and sub dividing them into zones or divisions and further classify areas based on the possibility of a flammable atmosphere.

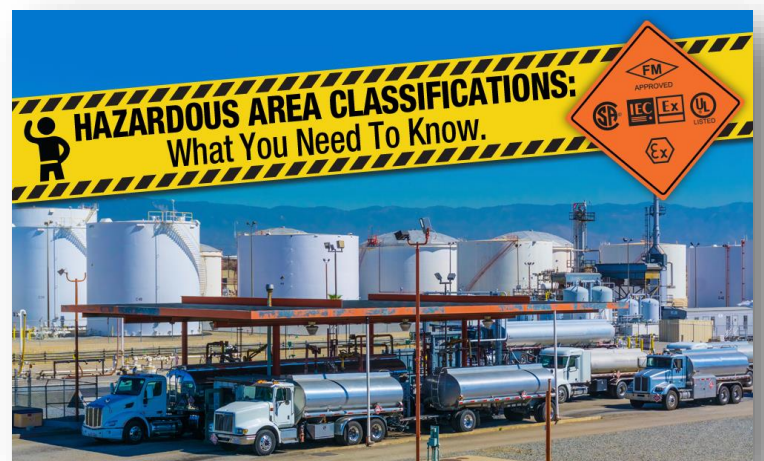
Furthermore learn the basis for the selection of electrical equipment and safe positioning of other potential or continuous sources of ignition (e.g., fired heaters, internal combustion engines, etc.).

Hazardous area classification is a criterion for the planning and control of hot work (of course not the sole criterion).

It is an important factor in the design of electrical systems for hazardous (classified) locations. This has major impact on safety, cost of building /operating and ability to maintain facilities.

Course content:

- What does hazardous area classification mean?
- Codes and Standards (e.g. IEC/EN 60079-10-1 &10-2, EI 15)
- Where to start
- Who is involved
- Hazard: Types and Causes
- Material data
- Material/Equipment classification list
- Identifying release sources and release frequencies
- Zone definition and extent
- Difference between using pre-defined zone extent and dispersion modelling
- How to represent zones on a hazardous area classification drawing
- ATEX
- Examination



**A Course tailored to your
organizational needs.**

Each participant receives a **PANAAM**
certificate of course attendance.

TRAINER:

EMAD GHAVANINI

TÜV Rheinland FS Engineer (#9690/ 14)

Certified DNV HAZOP Facilitator

CTO & Founder

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