

CC 120

Atex Practitioners Course

Duration: 3 Day

Outline:

This intensive and detailed course has been prepared to equip engineers (including electricians, fitters and instrument mechanics) with a sound working knowledge of ATEX and the related legislation such that they can install and maintain apparatus in ATEX areas.

Course Aims:

The course emphasizes issues such as the control and management of hazardous areas, maintenance and inspection regimes. It is based around the concepts of protection and the detail required to maintain safety within that concept.

This comprehensive and intensive course covers the topics in sufficient detail to allow the attendee to extend his recognised competency into ATEX areas. Inspection is covered at an appreciation level to allow the attendee to understand the standards to which his work will be measured.

The following topics are covered at a detailed level:-

Legislation, flammability, Area Classification, CENELEC & ATEX rules, electrical distribution and earthing, Explosion Protection Document (EPD), explosion protection methods, equipment marking, Installation Code of Practice, dusts, I.S systems, non-electrical apparatus, working with Ex n, e, d, i apparatus and glands, maintenance and systems of work.

The following topics are covered at an appreciation level:-

Inspection, Laboratories and small-scale operations.

Delivery method & facilities:

Delivery is by screen presentation supported by an ATEX course reference manual.

Area Classification, equipment marking and inspection are the subject of practical exercises and group activity.

The course formally tests the learning of the attendees in a closed book environment. A certificate of achievement is provided. Attendees are required to pass Module 1 (Flammability & Area Classification), Module 2 (Equipment marking) and Module 3 (Installations) to obtain a full certificate.

Target Attendees:

Those who are to carry out 'hands-on' engineering activities in an ATEX environment.. Personnel managing shutdown activities on a site/plant area with ATEX related hazardous areas. Attendees are required to be both experienced and competent in the work they carry out in non-ATEX areas.

Course Pre-Requisites:

Attendance of Introductory /Foundation module provided by Aston Dane or an equivalent ATEX course or previous detailed knowledge / experience of hazardous area installations / Maintenance

About the Trainers: Peter Waite

Peter joined Aston Dane as a Senior Consultant in 1999 following 35 years in chemicals manufacturing resulting in his role as C/E Technical Support Manager for their world-wide Halochemicals business. He has extensive experience in the design, construction and maintenance of plants having Potentially Explosive Atmospheres and has both implemented the CENELEC and ATEX Directives and helped influence the development of ATEX. Peter has made I.S Systems one of his speciality areas and has developed systems that drive down the cost of ownership. It was this focus that he brought to local and European standards committees, in particular the European IEC 61508 CUIG group.