

# CompEx - Ex05 and Ex06 Dust

## Course Aim

Delegates will receive training to extend their skills with preparation, installation, maintenance and inspection of electrical equipment for use within Explosive Dust Atmospheres. The modules covered in this 3 day course meet the competency requirements of IEC 60079 – 14 for Operatives (selection and erection) and IEX 50079 – 17 for Operatives (inspection and maintenance).

## Who Should Attend?

Delegates will be competent electrical and/or instrument craft personal with experience of electrical installation work such as cable glanding, continuity and insulation resistance testing. Existing knowledge of Hazardous Area requirements would be beneficial.

All delegates must provide photographic identification and suitable evidence to prove competency. This may be in the form of certification or letter from your employer, alternatively you can provide a JIB Gold card.

## Course Duration

This is a 3-day course.

## Certification

On successful completion of the assessments the delegates will be issued with a certificate of core competence by JTL and EEMUA.

## Agenda

### Course modules cover:

- Directives, Legislation and Standards
- Characteristics of Dusts
- Area Classification BSEN 60079-10-2
- Concept of Dust Ignition Protection
- Concepts of Protection for use in Dust Atmospheres
- Selection & Installation of Equipment (Non-IS & IS)
- General Requirement for Zones 20, 21 and 22
- Wiring Systems and Glanding (Non-IS & IS)
- Inspection, & Testing of Electrical Equipment (Non-IS & IS)