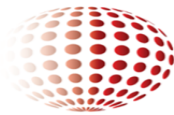


NiBS specialists in
standby power...

THE TRAINING CENTER

BATTERY HEALTH AND SAFETY AWEARNESS PROGRAMME



CBS

Core Backup Systems

Backup Power Specialists

Operational health and safety awareness for standby batteries

QUALIFICATION LEVEL: EAL APPROVAL

Guided learning hours: 12 hours over two days

Who is this course for?

Any person who undertakes regular work with batteries and associated equipment

Learning Modules No 1 – Understanding the principles of charging and discharging.

The student will achieve this learning outcome by achieving the following assessments criteria:

- Explain how a battery charges and discharges to include: Chemical and Electrical changes
- Explain what type of equipment is used
- Describe the main hazards associated with the charging and discharging of batteries

Learning Modules No 2 – Understand how to control hazards associated with standby battery system.

The student will achieve this learning outcome by achieving the following assessment criteria:

- Identify the main types of hazards
- Explain how hazards can be controlled
- Explain how incidents/accidents can be avoided through safe working practice
- Identify two safety features that have been built into the modern battery cell
- Identify the appropriate Personal Protective Equipment (P.P.E) required

Learning Modules No 3 – Understand the operational Health and Safety requirements.

The student will achieve this learning outcome by achieving the following:

- Identify the relevant Health and Safety requirements
- Explain the main types of hazards associated with poor battery handling
- Assess the risks from battery cells in relation to the Control of Substances Hazardous to Health (COSHH)
- Assess the operational, point of work risks associated with a standby battery system

Learning Modules No 4 – Understand the environmental requirements of the correct battery's disposal.

The student will achieve this learning outcome by achieving the following assessment criteria:

- Explain why consignment notes are required when moving hazardous waste like batteries.
- Explain why consignment notes would differ for two types of cells.

Assessment

The assessment comprises of a range of questions the student must complete in a way that demonstrates their knowledge and understanding of

- Battery charging and discharging principles and related hazards
- The controlling of hazards associated with standby battery systems
- Operational health and safety

Objective of the assessment

The assessment will assess the student's ability to understand

- The principles of battery charging and discharging of standby battery systems, this will include explaining how batteries charge and discharge. Students will be able to explain what type of equipment is used to charge and discharge standby batteries and associated hazards.
- What hazards are associated with standby battery systems. Students will be required to identify the main types of hazards and how they can be controlled, including how safe working practices can be used to help in the avoidance of incidents/accidents. Students will also be able to identify different safety features currently built into modern cells and personal protective equipment they would be required to use while working on or around a standby system.
- The operational health and safety requirements for standby battery systems, explaining the types of hazards that can be associated with poor battery handling techniques. The student will be able to assess the operational and COSHH risks associated with battery cells and standby battery systems.
- The environmental requirements for the disposal of batteries, The student will be able to explain why consignment notes are used when moving waste batteries and how the consignment notes would differ for different types of battery cells.

Certificate - EAL Level 3 certificate, (Valid for two years) emailed in PDF form.

Numbers - Classes will be between 10 and 12

Location - Delivered at CBS training center in Newbridge Co Kildare

Duration - 2 days (12 hours), inclusive of assessments and practical sessions

Exam - One written multiple-choice exam and one practical

Breaks - Small break at 10.00 (15mins) Lunch break at 13.00 (30 minutes).

Lunch - Tea and coffee will be available throughout the day, lunch is also provided in the form of sandwiches etc