

**COURSE TITLE: ELECTRICAL MAINTENANCE (CODE 4.2)**

**Location:** *At Client training facilities or external venues*

**Duration:** *3 days*

**Language:** *English (other languages upon request)*

**Course description:** *This course will present fundamental principles of electrical engineering to oil and gas facilities. Participants will understand the role and functions of the electrical equipment in oil and gas facilities, maintenance of installed electrical equipment, electrical protection, electrical safety and ATEX equipment.*

**Audience:** *Facilities personnel who interface with facility electrical power systems, including project engineers, operation leads, instrumentation, controls personnel, and electrical engineers.*

**Course contents:** *Electrical components  
Electrical systems and panels  
Batteries  
Chargers  
Transformers  
Electrical dangers  
ATEX*