

# Quartzelec in action:

# Quarry and Aggregate

### **Key Benefits:**

Working with an International company who puts the customer first

Quartzelec is an independent electrical engineering services provider with extensive competencies in 3 core areas:

- High Voltage Services
- Rotating Electrical Machines
- Electrical Services.

With over 80 years experience and technical expertise in the field of electrical contracting and the repair and maintenance of motors and generators, delivering design, manufacturing, installation, maintenance and service solutions for the UK's mining, quarry and aggregate industries.

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Today, Quartzelec is well known as a technical authority in the field of LV and HV, AC and DC electrical motors and generators. Supporting the owner/operator with new equipment as well as the maintenance, service, and supply of spares for a range of pumps and motors, either from our regional offices and workshops, or on site by utilisation of our highly experienced site teams.

We are also leading electrical contractors in both LV and HV (from 33kV to domestic systems), with an exceptional level of local support and the necessary accreditations/certifications in place to support industrial, utility, infrastructure and commercial clients alike.

# **High Voltage Services**

- Design, supply and installation up to 33kV
- 3rd party connections (NERS accredited)
- Control & operation of HV networks
- Switchgear and transformer refurbishment
- Protection and earthing systems
- High voltage cable jointing and laying

### **Electrical services**

- Low voltage power distribution and infrastructure
- Control & operation of LV networks
- Stand-by generation
- Utility services and metered supplies
- New supply connections (NERs accredited)
- Fire and security systems
- Heating, ventilation & air conditioning
- Periodic test & inspection

## **Rotating machines**

- AC/DC motors and generators supported
- LV 50kW motors to HV motors and generators
- Spares for all heritage machines (GEC, AEI, BTH)
- Any OEM equipment supported
- Stockists of LV machines
- Load testing and diagnostic testing services
- Independent stator and rotor coil manufacture

Whatever the type of installation, UK location or criticality, we work with the same project management methodologies and care to ensure complete satisfaction and you can depend upon on Quartzelec experience and skills to underpin the integrity of your key installations thanks to our customer driven ethos of quality and service.

