

LV & HV Electrical Engineering

“What do you say we do what the man says and make today our masterpiece?” - *Ted Lasso*

Industry
All industrial

Sector
All industrial

Segment
All Industrial



Cromarty can take over specifying your designs or take on the design you require from the in-coming to the plant floor.

Our electrical engineering team has the experience, capability and skill to provide you with professional services and customised solutions in all electrical projects. Our team are all professional electrical engineers and have a combined experience of over 100 years. We have design draftsmen with many years of LV and HV drafting experience. Cromarty can undertake detailed design of:

- High Voltage power distribution including transformers and switchgear
- Substation design
- Motor Control Cabinets (MCCs)
- Variable Speed Drive design integration (Standard & Low Harmonic)
- Prepare component specifications and wiring diagrams
- HV and LV electrical protection analysis
- Design power and control cables
- Prepare the cable layout as per your equipment and plant layouts
- Cable tray and supporting structure layout and details
- Generator and UPS installations

Our highly skilled team can provide:

- Future load planning
- Cost benefit analysis for power consumption improvement
- Technical evaluation and assessment for insurance and legal determinations
- Plant condition and life span
- Power Factor Correction
- Power Quality (harmonic analysis, mitigation studies & active filters)
- Tariff and supply advice
- Demand control
- Power demand and energy consumption analysis
- Project estimation and planning
- Drafting

