

Acrastyle – global design and manufacture

Acrastyle is an authority on the protection and control of plant and power systems.

With expanding manufacturing units in Ulverston, UK, and facilities in Chennai, India, we are amongst the leading independent suppliers of protection, control and substation equipment to utility, infrastructure, commercial and industrial clients worldwide.

Since the company's inception in 1962, Acrastyle has supplied some of the most comprehensive and intricate control and protection systems to all sectors of the UK and global utilities industries – both directly, or as subcontract partners to the major global electrical equipment manufacturers or 'turn-key' project groups. In the UK, Acrastyle occupies a large factory and office complex in Ulverston.

The company offers complete design, build and project management of electrical and mechanical protection systems, plus control systems and equipment for a wide range of applications and customers. A comprehensive in-house engineering function, with full drawing office support, includes the preparation of schematic diagrams according to specification and to international standards.

"In Acrastyle, we recognise that our continued success is due entirely to the quality and commitment of our people. Acrastyle has been designing and manufacturing complete hardwired or digital control and protection solutions and systems for medium and high voltage networks, to the highest standards, for over 50 years.

We are all justifiably very proud of our reputation for quality, safety and reliability in an industry renowned for its exacting standards. Our challenge is to build on that reputation, accepting standards nothing short of excellence in electrical engineering, growing our people and our business, with a total commitment to our customers' complete satisfaction."

David Brands, Managing Director



A summary of group capabilities

Ulverston

Centre of excellence for protection and control design, engineering and manufacture, interface and integration. Acrastyle Limited Head Office – global sales and support for all products and services.

Chennai and Pondicherry

Centre of Excellence for S&S Switchgear and Disconnector products (manufactured in Pondicherry). Protection panel design, engineering and manufacture for regional markets. Group and Regional Head Office. Global sales and support for all products and services (Chennai).



Clients and end-users

Acrastyle is proud to have partnered many of the world's most prestigious 'turn-key' electrical service providers on projects of global significance. Some of these include:

UK Regional Electricity Boards:

National Grid
Electricity North West Ltd
Northern Ireland Electricity
Scottish Power Group
Scottish and Southern Energy Group
Western Power Distribution
UK Power Networks

UK Renewables Companies:

REG Windpower
RWE

Global End Users

BELCO
China Light and Power
Electricity Authority of Cyprus
Saudi Electricity Company

Global Main Contractors:

ABB
Alstom
Mitsubishi
Siemens
Toshiba



Acrastyle also provides

Acrastyle specialises in providing 'turn-key' protection and control solutions for the electrical power market. With our own highly experienced engineering team we are the one-stop-shop for the complete in-house design, manufacture and full factory functional testing of protection and control systems. We can also install and commission our protection and control cabinets at site.

As a fully independent Protection and Control specialist, Acrastyle can provide engineered solutions and integrated products using equipment and relays from all the major manufacturers.



Our Products

• Protection Cubicles

For all transmission, sub-transmission and distribution substations for various applications including generator, transformer, feeder and busbar protection.

• Control Cubicles

Transformer Automatic Voltage Controller (AVC) equipment, mimic control boards, digital control systems and substation automation.

• Modular Substation Buildings/ Trackside Enclosures

Mild Steel or Stainless Steel modular buildings fully installed, cabled and pre-commissioned with protection cubicles, indoor switchgear, battery equipment, RTUs etc. Previous experience with NGC and Network Rail.

• Stainless Steel Outdoor Enclosures

Are your Marshalling Kiosks corroding on site? Beat the rust and try Acrastyle's own 304 grade stainless steel bay marshalling kiosks constructed using our well proven design. We also offer HAM and CT/VT stainless steel marshalling boxes.



• Liquid NERs

Liquid type neutral earthing resistors for use with distribution transformers. Built to Acrastyle's own traditional low maintenance design they are ideal as a legacy retro-fit to replace existing tanks. Now also available in stainless steel. Voltage ratings from 6.6kV to 33kV.

• ACRA-BATT Battery and Charger Cubicles

Our low cost modular based system can be scaled up or down to suit your substation requirements. Outputs of 24V, 48V & 110V DC are available – rated up to 200Ah.

Our Services

• Application Engineering.

Advanced electrical engineering service for full protection scheme design and digital relay (IED) Programmable Scheme Logic (PSL) design and test. Acrastyle uses the latest 'AutoCAD Electrical' software which has intelligent drawing integration.

• Electrical and Mechanical Engineering

Production of multicore cable schedules and termination sheets. Acrastyle also offers bespoke cabinet, front sheet and enclosure design to suit your special requirements. Ideal for retrofits and matching existing equipments.

• Site Installation and Commissioning of our products

Acrastyle can provide a full site installation and commissioning service for all of our products.

Acrastyle India

Acrastyle's complete understanding of global substation engineering and protection philosophies has enabled us to respond to the power sector's increasing demand for complete engineered solutions at the same time continuing to meet exacting standards of quality, precision and value.

Building on this experience and expertise, Acrastyle has an engineering team in India, modelled on the UK operation.

The company was established for the design of control and protection equipment for high voltage power systems more than doubling the group's engineering capacity.

Excellence in Electrical Engineering

Engineering, design and manufacturing methodologies and practices are all undertaken in line with relevant national, international and industry standards (e.g. IEC, BSEN, DIN, ANSI, NGTS, TPS and E NATS).



Sponsors and partners

