

THE ROTATING MACHINE EXPERTS

DESIGN
TECHNICAL SERVICES
MANUFACTURING AND INSPECTION SUPPORT
APPLICATION ENGINEERING

PPI ENGINEERING LTD

PPI Engineering is an international engineering company specialising in the design, supply and support of rotating electrical machines and associated equipment. We operate an ISO9001:2008 quality system and have an established reputation for technical excellence, quality and reliability. Our team of highly qualified engineers are drawn from the major UK electrical machine manufacturers, with extensive onshore and offshore, mechanical and electrical expertise.

KEY OBJECTIVES

- Provide manufacturers and users of electrical machines with design and technical services
- Supply electrical products and components including:
 - High voltage synchronous induction machines
 - Standard and custom built designs
 - Direct current machines
 - Transformers
 - Switchgear
- Service and maintain electrical equipment



TECHNICAL SERVICES

Our design team works with the latest CAD and CAE tools, allowing us to provide state of the art modelling of electrical machines, designed to the latest international standards of performance and testing.

PPI Engineering provides a diagnostic and consultancy service including:

Reverse engineering to ensure interchangeability

Hazardous Area and High Ingress Protection design

Testing to IEC and NEMA

ATEX certification management

CACA, TEFC, CACW, EV cooling

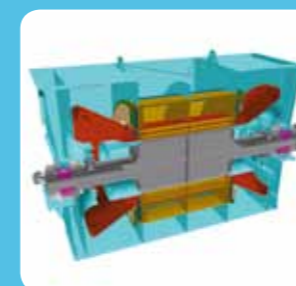
We work closely with our customers to ensure PPI Engineering provide the best solutions for each application.

PRODUCTION SERVICES

Utilising our formidable wealth of production expertise, we can assist manufacturers in improving their quality to meet the most demanding standards and specifications, whilst reducing waste and improving lead times. Our experience in forming symbiotic relationships with manufacturers allows us to develop production to the highest levels.

We offer:

- Process Control
- Production management



OPERATION AND MAINTENANCE SUPPORT

PPI Engineering provides O&M support through our extensive maintenance experience.

The service includes:

- Planned, LTSA's and preventative maintenance of rotating electrical equipment, switchgear and transformers
- Efficiency and feasibility studies
- Condition monitoring of major items of plant
- Life extensions of major pieces of electrical plant
- Technical training packages for personnel

EXPERT OPINION

We provide a diagnostic and consultancy service to:

- Manufacturers and suppliers
- Users of electrical machines
- Insurance companies and loss adjustors
- Government bodies
- Defence industry

We can provide support and expert opinion in the following areas:

- Rotating electrical machine design and application
- Excitation and control systems
- Power system stability
- Total cost of ownership

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GLOBAL SALES NETWORK

PPI Engineering has close relationships with many large electrical equipment users around the world and has completed supplier qualification with the large power generation and oil and gas companies. References are available on request.

LOCATION

PPI Engineering has its head office in the United Kingdom and sales and support organisations in Europe, the Middle East, Africa, North America, China and Australasia. This network of organisations gives us a flexible approach when responding to customers servicing and supply needs. It also drives our ability to grow the sales of our suppliers by anticipating the needs of the end-user.



UK: HEAD OFFICE
44 ROSE LANE
NORWICH
NR1 1PN
UK
T: + 44 1603 728680
F: + 44 1603 305506
E: SALES@PPI-ENGINEERING.COM

EUROPEAN SALES OFFICE
T: + 44 7734 111688
F: + 44 8707 628375
E: EUROPE@PPI-ENGINEERING.COM

MIDDLE EAST AND AFRICA
T: + 971 4 8813414
F: + 971 4 8813417
E: MIDDLE-EAST@PPI-ENGINEERING.COM

NORTH AMERICA
T: + 1 209 495 7901
F: + 1 209 892 1665
E: AMERICA@PPI-ENGINEERING.COM

ASIA
T: +86 311 85373015
F: +86 311 86974263
E: PRC@PPI-ENGINEERING.COM

24 HOUR COVER
T: + 44 7734 102600