



PARSONSPEEBLES



HV motors & generators

For over 120 years, Parsons Peebles has designed, manufactured and supplied large, bespoke HV motors and generators. Today we provide a wide range of solutions for critical applications through to specialist design and manufacture of bespoke motors to suit the most arduous and difficult of installations. Our design teams unique and industry leading direct replacement drop-in solutions provide peace of mind even when supporting very old installations.

With one of the most comprehensive high voltage test facilities in the UK, we can provide full performance test on all your equipment. Our testing capabilities cover up to 13.8KV, operating at both 50 & 60Hz. We also have a load test facility up to 8MW, up to 63T lifting capability and use state-of-the-art equipment.

We can provide full onsite analysis, repairs, site removal and installation of motors and generators. In addition and through strategic alliances and partnerships we can provide direct replacement, offer modification as well as assemble customised motors to your exact specification.

We also store an extensive range of OEM, bespoke, specialist and standard back up stocks, for fast and efficient delivery to our customers.

Key Services

- HV formed coils in 5 days
- HV motor test
- 3.3, 6.6 & 13.2kV running tests
- Thermography & vibration analysis
- Shaft current discharge analysis
- Re-engineering solutions
- Laser alignment
- Energy analysis
- Maintenance packages
- Motor re-design capability
- Vacuum pressure impregnation
- Direct load testing
- Locked rotor tests and starting torque measurement
- ATEX certified repairs
- 24 hour availability



Bespoke high voltage motor ready for delivery.



Testing a high voltage motor at our Avonmouth service centre

Powered by Technology. Driven by Service.
www.parsons-peebles.com