

"DRIVING SMART DRILLING"

SCOTLAND ELECTRONICS INTERNATIONAL LIMITED (SEIL)

Oil and Gas capabilities



THE COMPANY

Scotland Electronics Int. Ltd. is a leader in Motion Control used in Hazardous and Extreme Environments. It has been involved in the Oil & Gas industry for 30 years, with considerable experience since 2003 in Downhole Motor drives providing smart technology for:

- **Logging, Fishing, Jarring, Snubbing, Plugging, Well Setting, Casing Repair, Tractors, Flow Control and Positioning Tools**
- **Wire Line and Slick Line**
- **Down Hole Permanent Monitoring**
- **Subsea: Electrical Actuation**
- **ROV**
- **Electrical Thrusters Pumps and Drives**

Standard Motor Drives are used which are specifically built to our customer requirements and proven design operates in most hostile environments.

Advanced Research and Development, Design, Manufacturing and Product Testing facilities enhance our down hole bespoke motor amplifier to world leading status.

In house SMT Lines and Ovens give greater manufacturing quality and is maintained through IPC-A-610 and IPC-WHMA-A-620. SEIL also provide life cycle support on all our products.

To ensure conformance to customer requirements all business processes are fully compliant with ISO9001:2011

THE CAPABILITY

- Proven Product to 175 °C
- Capability to 225 °C
- Pressure to 10000PSI/700 Bar
- Battery Power to 50W Motor Power
- E Line power to 1500W Motor Power
- Cable Operation 10 km
- Capability of 9 KW on suitable E line
- Comms/ Over Power 2400 Baud Bi Directional Over full Temperature and Pressure range
- Hazardous Area Instrumentation
- Zone 1 applications CENELEC, Atex, FM, CSA Approvals



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