



FIOS

YOUR HOT INSPECTION SPECIALIST



SPECIALIST FOR ENDOSCOPIC HOT INSPECTIONS OF THERMAL PROCESS EQUIPMENT AND DRYING OF ALUMINUM SMELTING FURNACES

FIOS have been servicing industrial furnaces throughout Europe for over 20 years. We carry out controlled heat-ups to safeguard customers' investments and ensure smooth operation of their processes in the glass, metals (steel, cast iron & aluminium) and cement industries. We do this using software and hardware developed in-house and have the expertise required to provide heat up and inspection services in a safe manner. FIOS are proud to provide you with top-quality, reliable services.

On site services

- Inspection of industrial melting units & components up to 1800°C both during shutdown and operation, using Video, image or infrared based options
- Video inspections are carried out using FIOS Technology with full final reporting
- Infrared videos can also be produced showing heat / temperature distribution
- Top quality images and still photographs of the unit both in colour and infrared can be extracted from the video footage
- Heat-up & refractory dry-out services for industrial melting units & components
- Thermographic temperature monitoring during heat-ups or dry outs
- Remote heating technology – increased cost efficiency
- Steam pressure monitoring of refractory linings during heat-up
- FIOS auditing of industrial melting units & components
- Reliable data reporting for use by furnace builders, owners, investors and insurance assessors
- Clear and concise presentation of the results illustrated with pictures and videos for a clearer understanding by all users.
- Audit data and results are available for download direct from the FIOS server

Support

- FIOS globally, operate from their head office and workshop facilities in Freital, Germany
- FIOS Head office & workshop offers the very best support for our field staff, with direct and continual communication
- FIOS logistics, our partner is an international specialist for transport of our resources globally . With more than 20 years experience of working together as a team, we can offer delivery on time every time for your projects.

As part of ROBUR, FIOS offers even more: almost 3,000 employees globally work in the wind, water, energy, industrial and process industries. As expert partners for our customers we create holistic solutions from planning and implementation, to maintenance and operation, to the relocation and decommissioning driving the challenges of digital transformation and ecological change.