



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

SPIE 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. SPIE 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 SPIE 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 color 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
- SPIE 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 SPIE FIOS server

Support

- SPIE FIOS globally, operate from their head office and workshop facilities in Freital, Germany
- SPIE FIOS Head office & workshop offers the very best support for our field staff, with direct and continual communication
- SPIE 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.

SPIE FIOS is part of the operational division Industry Service & Wind of SPIE Germany Switzerland Austria. Together, our specialists form a powerful, global team for high-quality industrial services in the wind, water, energy, industrial and process industry segments. We create holistic solutions from planning and realization to installation, operation and maintenance to relocation and decommissioning. We support our customers managing the challenges of digital transformation and ecological change in their industry.

SPIE Germany Switzerland Austria is the leading independent multi-technology service provider for buildings, plants and infrastructures. With our broad technical expertise and as a reliable partner, we accompany our customers into a successful future.