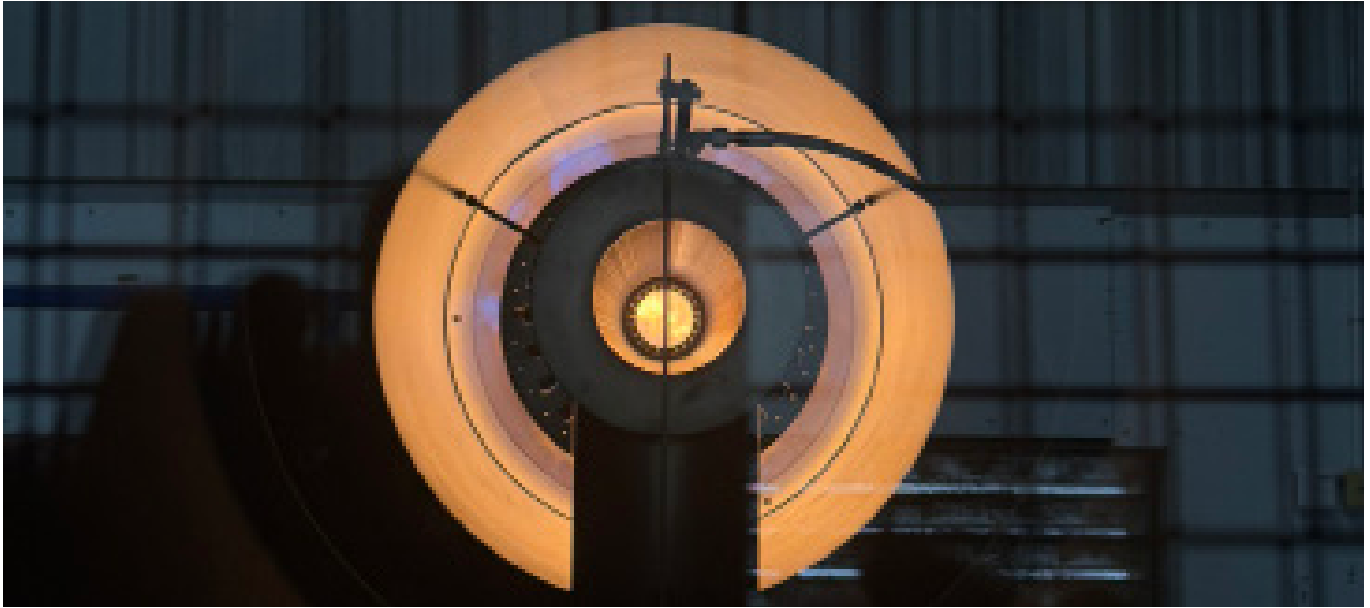




NESS *Burner Maintenance – Keeping Your System in Check*

Maintenance – Inspection – Optimization

With 60 years of experience in plant engineering, we are a competent and reliable partner for the maintenance, inspection and optimization of your combustion system. Thanks to our extensive process engineering expertise, we understand the characteristics and requirements of a wide range of burner systems in detail. Our approach goes beyond the burner itself: we consider the entire boiler system – from fuel supply, control and safety systems through to combustion performance and emissions.

Our range of services includes preventive maintenance and inspection of burners and boilers, inspection of gas and oil supply systems as well as safety and monitoring equipment, fault diagnosis and repair, emissions measurements and documentation, and the optimization of combustion, system efficiency and energy efficiency.

We also support you with retrofit and modernization projects, fuel conversions, low-NOx solutions, commissioning, as well as TÜV/ZÜS inspections and regulatory approvals. For many years, we have installed and maintained renowned burner systems from manufacturers such as WEISHAUPT, LIMPSFIELD, DREIZLER, SAACKE, RAY and MSM-May for customers worldwide.

Your Benefits at a Glance

- Holistic system assessment
- Qualified personnel
- Reliability
- Troubleshooting service



Service, Optimization and Modernization

From preventive maintenance and troubleshooting to combustion optimization and the modernization of your firing system – we support you in ensuring long-term plant availability, safety and efficiency.

Maintenance & Safety

- Burner inspection and cleaning
- Inspection and replacement of wear parts
- Inspection of ignition system, burner head, fan and air supply system
- Inspection of gas and oil trains
- Testing of pressure switches and safety devices
- Inspection of flame monitoring systems, burner controls, burner management systems and safety interlocks

Troubleshooting & Plant Service

- Systematic fault diagnosis and troubleshooting
- Repairs to burners, fuel supply systems and combustion control systems
- Spare parts supply

We support you beyond commissioning

- Support with TÜV/ZÜS inspections and regulatory authorities
- Inspection, maintenance and commissioning reports
- Customized maintenance agreements
- Training for operators and maintenance personnel

Optimization & Emissions

- Assessment of firing capacity and combustion quality
- O₂ control as well as efficiency and combustion optimization
- Reduction of fuel consumption and emissions
- Emissions measurement and documentation
- Support with low-NOx solutions

Retrofit & Modernization

- Modernization of existing firing systems
- Fuel conversions
- Replacement of obsolete or no longer available components
- Plant condition assessment
- Customized modernization concepts

Our Goal: Maximum Plant Availability, High Operational Readiness and Efficient Plant Operation

Professional and regular maintenance helps minimize downtime, extend the service life of your plant, and sustainably reduce energy consumption and operating costs.

