Focus on People
People are vital to sustainable success and growth at Tenova Pyromet, with our highly qualified and experienced staff the lifeblood of the company. Outstanding engineering and management expertise in every area of activity, a strong focus on the customer, a passion for innovation and continuous flexibility: these are the features that distinguish and differentiate Tenova Pyromet professionals. Tenova Pyromet enhances and optimises the talents of the individual for the good of the team and to the optimal benefit of the customer. By supervising every stage of professional growth and providing on-going knowledge and skills training, Tenova Pyromet guarantees the expertise of its people.

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Tenova is a leading supplier of technological solutions and engineering services for the metals and mining industries, including key segments of the metallurgical process as well as in the mining value chain. Combining innovative engineering with process and automation expertise, Tenova solutions are at the heart of various industries and can be found in applications ranging from ore to final products. The company is dedicated to understanding needs of its global customers based on the key drivers of Tenova's business operations.

Tenova Pyromet is a leading company in design and supply of high capacity AC and DC furnaces and complete smelting plants for ferroalloys, base metals and slag cleaning and refining. Tenova Pyromet designs and supplies equipment for material handling and pre-treatment, alloy conversion and refining, granulation of metal, matte and slag, furnace off-gas fume collection and treatment, and treatment of hazardous dusts and waste. Tenova Pyromet benefits from the world-wide network provided by Tenova offices located on 5 continents. This network provides the company with knowledge about local business practices and language and enables real-time service to customers.

Quality
To meet our customer expectations with everything that we do, quality and continuous improvement of service in line with best industry practices and standards are priorities at Tenova Pyromet. Tenova Pyromet's quality management system is certified to ISO 9001:2008, for "The Design and Supply of Smelting Technology and Equipment". ISO 9001:2008 directs attention to customer focus, meeting customer needs and continuous improvement.

Heritage
Tenova Pyromet is the result of the successful merger between the submerged arc furnace division of Techint Technologies (Tagliaferri) and Pyromet Technologies. Tenova Pyromet has in-depth knowledge and understanding of the ferroalloys and base metals smelting process and its technology is applied to a wide range of customer solutions. The company has an extensive list of successful projects and provides the know-how to meet the demands of local and international industries and markets.

Environmental Responsibility
Having a long-term vision in the smelting industry, means that at Tenova Pyromet we take industry-related environmental issues very seriously. Consistent with this vision and values, Tenova Pyromet is committed to effective environmental management, having adopted an environmental policy that includes:

- Reduction of waste
- Energy recovery
- Prevention of pollution
- Conservation of resources

Commitment to Innovation
Tenova Pyromet's involvement in a smelter project can be tailored to suit the customer's requirements, and may encompass:

- Supply of key equipment, for new and furnace upgrade projects
- Erection and commissioning supervision
- Studies, from feasibility through to bankable level
- Engineering and modelling investigations
- Turnkey supply of furnace equipment, which can be expanded to include associated equipment and basic engineering for client scope
Tenova Pyromet Electrode Column

The patented Tenova Pyromet lower electrode holder is a novelty concept designed to address the challenges faced by the industry for many years. It is a highly reliable and cost-effective solution.

Multiple Pre-Heating System

The process of pre-heating saves energy contained in furnace waste gases to re-use in the smelting process, making the smelting process more efficient. With the Tenova Pyromet Multiple Pre-Heating System, the company has achieved a significant improvement in the performance of the smelting process.

Performance and Reliability

Tenova Pyromet is committed to offering tailored solutions to meet customer requirements. The company has a solid track record and is characterized by projects that are completed on, or earlier than the planned schedule, ensuring a high level of reliability and availability.

Furnace Technology

Tenova Pyromet’s capabilities in furnace design and technology and a comprehensive list of current and past furnace projects ensure reliability, safety and increased production. The Tenova Pyromet lower electrode system has been engineered to provide a significantly improved availability, with a reduction in the number of maintenance shutdowns.

Furnace Control

The automatic furnace control system is designed to be used by the furnace operators and managers to monitor the sidewall and the furnace. The Lining Management System (LMS) is a tool that enables Tenova Pyromet customers and managers to monitor the sidewall and the furnace, providing continuous operation and technical feedback.

Control System

The control system is designed to be used by the furnace operators and managers to monitor the sidewall and the furnace. The Lining Management System (LMS) is a tool that enables Tenova Pyromet customers and managers to monitor the sidewall and the furnace, providing continuous operation and technical feedback.

Environmental Products

As technology suppliers to the smelting industry, this entails investments in developing and improving processes and procedures to improve the overall efficiency of the production process, as well as the conservation of natural resources. This includes the control of pollution arising from industrial activities, as well as the conservation of natural resources.

Copper Products

Tenova Pyromet’s copper products include:

- Copper anode casters
- Copper anode rotators
- Copper anode extruders
- Copper anode extruders

These products are designed using advanced technologies such as copper casters, copper extruders, copper anode rotators, and copper anode extruders.

Emissions Reduction

To be effective in reducing emissions and waste, equipment and technology must be continuously improved and updated. The combination of Tenova Pyromet’s innovative culture and an in-depth understanding of the smelting business has ensured many significant improvements in terms of emissions and energy.

Tenova Pyromet also has access to the complete Bateman Tagliaferri design library. All designs ensure fail-safe, continuous operation and technical feedback.

Tenova Pyromet’s specialization in Furnace design and technology and a comprehensive list of current and past furnace projects ensure reliability, safety and increased production. Tenova Pyromet offers a comprehensive list of services to its clients, including:

- Furnace Technology
- Furnace Control
- Control System
- Environmental Products
- Copper Products
- Emissions Reduction

The combination of Tenova Pyromet’s innovative culture and an in-depth understanding of the smelting business has ensured many significant improvements in terms of emissions and energy.

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