

Novelis PAE Equipment Designer for the Aluminium Industry

A Close-knit Team of Committed Professionals

novelispaec.com



Our Engineering Expertise

Over many years, our design team based in Voreppe (France) has achieved a high level of engineering expertise and know-how.

In a very demanding industry, we are well-positioned to deliver our customers the optimum solutions best suited to their specific needs.

Our Business

At Novelis PAE, we deploy daily our unmatched expertise in the industrial processes and equipment specific to aluminium conversion.

More specifically, we offer innovative technologies and services in the fields of casting and in-line molten metal treatment.

We provide our customers with tailor-made solutions that are perfectly suited to their production needs. Our expert services range from engineering design to installation and commissioning of equipment at aluminium casthouses worldwide.

As a key player in the world of aluminium production for more than 60 years and closely aware of today's environmental challenges, we consider it a duty to design increasingly innovative, energy saving equipment.

3 Major Areas of Expertise

On the strength of more than 50 years' aluminium industry experience, Novelis PAE delivers multiple state-of-the-art technologies for casthouses:

- **JUMBO 3CM**® continuous strip casters
- Complete DC casting machines with the **AUTOPAK**® automation system
- In-line molten metal treatment equipment including **ALPUR**®, **JETCLEANER**®, **IRMA**® degassers and **PDBF**®, **CFF** filters.

Casthouse Services

Novelis PAE doesn't just supply casthouse equipment! Achieving customer total satisfaction means that we offer a wide range of complementary industrial services including technical support and sale of spare parts and consumables.



Twin roll casting line **JUMBO 3CM**®



Degassing unit **ALPUR**® G3-3R

Novelis PAE's Corporate Values

Integrity: Equity in Action

Our goal is to adhere to the highest standards of professionalism, to take decisions and actions that are fair and equitable as perceived by our customers and competitors alike.

Commitment: Delivering the Promise

Our commitment to ensuring integrity means that we endeavor to do whatever it takes to deliver the greatest value to all stakeholders. This goal implies committing to our business incentives and decisions, to those of our team and of the organizational sector under our responsibility.

Passion: Energized Actions

Fervent enthusiasm derived from emotional commitment to our organization makes work a pleasure and drives each of us to give his or her best. This allows us to pursue spontaneously, willingly and relentlessly our goals and targets with unbound energy and unmatched team spirit

Seamlessness: Unbounded in Thought and Action

We strive to think and cooperate across functional silos, hierarchies, businesses and geographical locations. By leveraging the organizational diversity at our disposal, we can generate synergetic benefits and promote unity through sharing and collaboration.

Speed: Staying One Step Ahead

We respond to both internal and external customers with a sense of urgency, continually seeking to reduce timelines and implement the right rhythm to maximize organizational efficiency.

As members of the **NOVELIS Group**, we at **Novelis PAE** rigorously upholds the **Group's ethics**.

Aligned with parent **ADITYA BIRLA Group's values**, they govern our conduct when implementing corporate strategy. We strive to implement these virtues daily, both individually and as a business.

Novelis PAE's Integrated Management System

To compete with our rivals and meet the growing demands of our customers, we have developed and put in place a strategy and quality procedure aimed at ensuring Novelis PAE's development and sustainability.

The Novelis Group ultimate mission is to achieve excellence in its efforts to enhance safety as well as environmental and health protection in the workplace. At Novelis PAE, our HSE strategy is a priority, which is endorsed in the way we think, work and act. Our goals are to prevent any form of pollution, protect the environment, avoid accidents of any kind, nurture the health and safety of our employees and curtail our environmental impact.

Novelis PAE's Voreppe site embraces mainly tertiary office activities and its location is largely independent of the principal activities conducted on behalf of the company's customers. Information on the site's environmental impact is not therefore provided on a regular basis, but any relevant data is available to any customers or stakeholders on request.

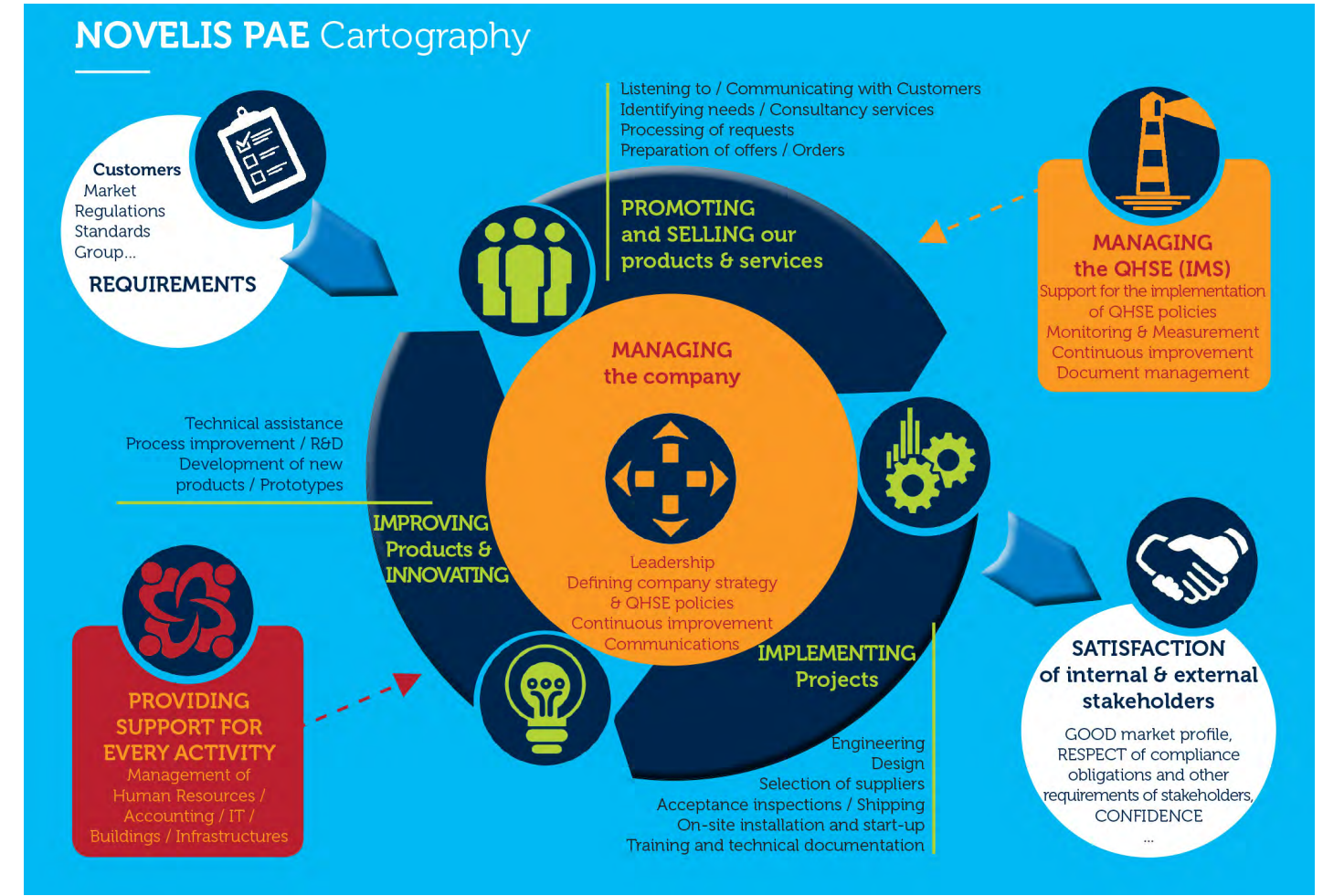
We are committed to a process of continuous improvement in Quality, Safety and the Environment as well as compliance with legal requirements and those expressed by our customers and stakeholders.

Field of application

To implement our Quality and HSE strategies, we have developed an Integrated Management System (IMS) in line with standards ISO 9001, ISO 14001 and ISO 45001. Our activity is organized in relation to the processes mapped out in the diagram below. Each of these processes contributes specifically to helping us achieve the goals set forth.

Novelis PAE's IMS applies not only to **design and production activities**, but also to **the sale of equipment dedicated to the aluminium industry**. The system also applies to our activities involving **the sale of spare parts and consumables** as well as **technical assistance**.

Some of our activities are partially or fully subcontracted, such as detailed design studies, packing and logistics, office IT, payroll and equipment manufacturing.



Not just aluminium, Novelis Aluminium.™

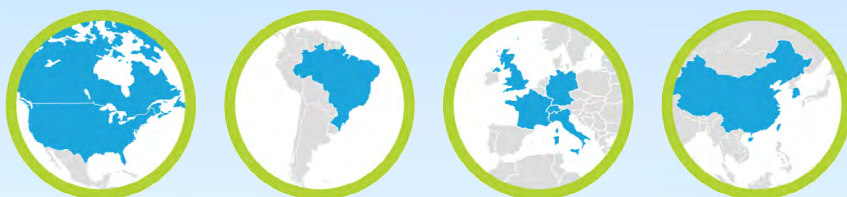


About Novelis

NOVELIS PAE is part of the NOVELIS Group, the world's premier producer of rolled aluminium and the global leader in aluminium recycling. Drawing on its expert commitment to innovation and world-leading technology, Novelis PAE delivers sustainable solutions for the most technologically demanding applications in various fields including car and beverage can production, architecture and consumer electronics.

Much of Novelis aluminium is produced from recycled material, thereby prompting development of consumer products with a smaller environmental footprint. Thanks to the Group's leadership in recycling procedures, what would have otherwise been discarded becomes material for innovative creation.

Headquartered in Atlanta, Georgia, USA, the Novelis Group operates 33 facilities on 4 continents and employs 15,000 people. The Novelis Group is an integral part of the Aditya Birla Group, a \$44 billion multinational conglomerate with headquarters in Mumbai, India.



~ 15,000
employees



9
countries



33
operating facilities

Novelis

Novelis PAE Quality, Health, Safety and Environment Manual

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This document may be freely distributed to our customers, prospective customers, suppliers, partners and other interested parties.

NOVELIS PAE is a Certified Organization



Standard ISO 9001 is the international reference for quality management requirements.

Standard ISO 14001 provides useful tools for the implementation of a management system for all companies and organizations wishing to fulfill their environmental responsibilities.

Standard ISO 45001 bears witness to Novelis PAE's commitment to continually improving its employees' working conditions and protection against occupational risks.

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