



We are hiring!

We are hiring a Upstream Processes / Elaboration Research Engineer

Work for division	Aperam Stainless France
Location	Isbergues, Research Center
Working regime	Day
Type of contract	Permanent contract (CDI)
Business trip	~ 30% (Europe - France / Belgium mainly)

Context

Isbergues Research Center is the laboratory dedicated to the study of stainless steels for the European manufacturing plants of the APERAM group. There are around sixty people whose activity consists of defining, developing and assisting the commercial development of new stainless steels. As such, it is the APERAM reference Research Center in terms of stainless steel metallurgy, their in-use properties and their manufacturing processes as flat products.

The Process R&D team is responsible for providing technical support to production plants in order to optimize process routes to meet productivity, quality, capability, energy and environmental needs. It also feeds the Innovation Process processus in order to offer disruptive solutions to prepare the manufacturing processes of tomorrow.

APERAM is highly committed to the transformation of stainless steel production in relation to environmental challenges. APERAM is the first stainless steel producer to obtain the Responsible Steel label. Very ambitious targets have been defined to reduce CO2 emissions, water consumption and waste landfilling in the coming years via, for a part, a strategic optimization of the industrial facilities. The proposed position consists to reinforce the existing "upstream team" and further develop skills & competencies in the field of Liquid Steel Processing after an internal mobility.

As part of this activity, a regular presence on the production sites is to be ensured in order to collaborate with the local teams and to deepen the understanding of the manufacturing processes.

Missions

Within the Process team, you will be required to:

- Acting as a R&D representative on the different APERAM sites (Steelplants)
 - Presence on site (~30%)
 - Feedback, gather information and needs from production site and coordination with CTO teams
- Develop the internal competency in the Liquid Stainless Steel Processing field
 - Building a technical community with APERAM specialists / experts in this domain
 - Development of a network of academic partners
 - Development of Isbergues Research Center experimental methods
- Manage and ensure the good progress of R&D projects in your perimeter
 - Definition of working programs and coordination of internal studies with researchers, technicians and external studies with academic partners
 - Regular reporting (hierarchy, program owners, internal customers)
 - Proposal for industrial trials / optimization and support for local teams
 - Capitalization, publication of technical reports and scientific writings
- Propose disruptive ideas / solutions (Innovation)
 - Participation in scientific congresses / conferences
 - Technical watch, bibliographic reviews, ...
- Actively participate in the Safety pillar
 - Active participation in "lab life" and in the Safety action plan
 - Exemplarity and shared vigilance



We are hiring!

The technical missions will include, among others, the study of:

- Improvement of product quality by understanding liquid steel and slags interactions during secondary metallurgy processes
- Overcoming the elaboration difficulties / challenges for new grades industrialization
- Optimization of industrial practices for better productivity, cost improvement and capability extension

Profile

BAC + 5 level with first experience or BAC + 8, graduated from an Engineering school in Materials Science, the candidate must have the following skills:

- Strong knowledge in Materials Science or Process Engineering,
- Thermodynamics, Hydrodynamics, Metallurgy, Solidification,
- Environmental knowledge in the Industrial environment or a specialization in Environment & Life Cycle Analysis would be a plus
- Good presentation & communication skills,
- English proficiency,
- Ability to write technical reports and minutes,
- Initiative and autonomy,
- Ability to work in a team and with a certain versatility
- Safety mindset
- Driving license mandatory

Contact

This position interests you: please send your CV and cover letter to Anne BAREL anne.barel@aperam.com