

RAMS Engineer / Functional Safety Engineer for trackside projects (Charleroi, BELGIUM)

ALSTOM

As a promoter of sustainable mobility, Alstom develops and markets systems, equipment and services for the transport sector.

Alstom offers a complete range of solutions (from high-speed trains to metros, tramways and e-buses), passenger solutions, customized services (maintenance, modernization), infrastructure, signalling and digital mobility solutions.

Alstom is a world leader in integrated transport systems.

The company recorded sales of €7.3 billion and booked €10.0 billion of orders in the 2016/17 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 32,800 people.

ALSTOM IN CHARLEROI

Alstom has been part of the Belgian railway history for about 130 years.

Today, from Charleroi (BE), the company is active through two centers of excellence:

- **Signalling Systems – Center of excellence ERTMS** (European standard development and implementation)
- **Power Electronics – Center of excellence Traction Systems** (Traction solutions / auxiliary converters / low voltage cabinets)

Important efforts in R&D support the development of these activities contributing actively to promoting a safe and performant railway network as well as sustainable mobility solutions worldwide.

The Alstom Belgium teams have an excellent knowledge and reputation in the global project management and every day **from Charleroi, about 1050 employees, among which 500 engineers, are working on more than 100 projects all over the world. Thanks to them, the site of Charleroi makes a significant contribution to worldwide rail transportation development.**

JOB DESCRIPTION – Functional Safety Engineer for trackside projects

As a Functional Safety Engineer, **your mission will be to support (or lead depending on your experience) the safety related activities for the signalling projects** you will be in charge with. It means:

- You'll have to demonstrate, independently via studies and tests, that the proposed system is fit for purpose and safe
- You'll have to liaise with the Independent Safety Assessor mandated for the project to obtain the necessary ISA certificate
- You'll have to get safety acceptance from the customer(s)
- You'll have to interact with national Safety Authorities when needed to allow them to grant the authorization to put in commercial service the train or track concerned

For instance, as a member of our team and in a near future, you will take part to the updating & extension project of an existing Rail Transit System abroad!

To be successful in this function, you'll certainly have to initiate and maintain regular and constructive relationships with internal (project team, R&D, Site Safety manager,...) and external (customers, independent safety assessors, national safety authorities, users and maintenance crews,...) partners

REQUIREMENTS

Education - Engineering degree in safety assurance, electrical and computer engineering, aerospace, nuclear industry (or similar)

Experience – Min. 3 to 5 years in **safety assurance (Functional Safety)**, with associated knowledge of safety methodologies

Language – A full proficient use of French and English are mandatory to be able to write and explain safety studies internally and externally. Another language is a plus.

Behavioral competencies – Positive personality / Rigorous and reliable / Promote Teamwork and communication / Ability to work under pressure / good analytical & synthetical skills

“WHAT’S IN IT FOR YOU?”

You’re looking for a challenging but also meaningful job in a multicultural engineering company which sustain careers evolutions and allows international mobility?

At Alstom we offer you the opportunity to unleash your potential and reinvent yourself! As our next colleague, you will have a unique opportunity to drive our organization forward, while continuing to build your career and contribute to the expanding growth of a safer global railway industry.

You recognize yourself in this short description?

Don’t hesitate to apply! (www.alstom.com/careers or jerome.hallaux@alstomgroup.com)