

INTERN H/F - MODEL-BASED SAFETY ASSESSMENT (MBSA) APPLIED ON A RAILWAY SIGNALING SYSTEM

Stand up for a good reason!

The LGM group is the story of 3 engineers who, after taking their first steps in the world of work, decided to do things their own way and become an entrepreneur!

The mission of the LGM Group is to **design unique innovative solutions** (products, organizational, or technological) **for large industrial groups**, aiming to enhance the performance of large complex systems and infrastructures during operational and maintenance phases.

LGM aspires to be a **more responsible** group by committing to the transformation of our society, **more innovative** in technologies and **more current**, well anchored in the challenges of its time.

“LGM” is the historical entity of the Group, where everything started more than 30 years ago. Today, LGM comprises **more than 1000 employees, both in France and internationally.**

What will be my area of intervention?

This internship is part of the development of the activity and commercial offer of the **RAMS Business Line**.

You will evolve within the **LGM railway operating safety teams**, alongside experienced engineers, and will be responsible for supporting manufacturers in mastering and meeting the objectives set by their clients, updating professional safety tools, operating systems developed by LGM and will participate in LGM business animation.

The objective of this internship is **to apply a dysfunctional modeling approach on signaling systems** in order to facilitate future safety analysis (FMECA, FTA, etc.).



Job RAMS : **Safety - System**
Location : **Charleroi (BE)**
Duration: **3 months**

Good to know !

A multicultural agency

Friendly atmosphere with highlights throughout the year

Concretely what do I do?

As the Risk Management professions are complex, the transmission of knowledge and our professional know-how is essential for the success of the LGM Group.

The internship will consist of:

- Safety analysis on signaling systems,
- Model-Based Safety Assessment (MBSA),

The internship will begin with a **progressive ramp-up on tools and methodologies** used by the Safety teams, as well as an understanding of the system. Then, a system modeling will be carried out.

What should I know before coming?

- You possess solid technical knowledge to understand systems,
- You are interested in Safety analysis,
- You are dynamic, rigorous, and curious,
- You are able to understand technical English,
- You have real interpersonal skills and are proactive, rigorous and curious.

I want to apply:

azaea.debellabre@lgm.eu

Ref : EN_MdR_DNE_02

