

CHEMICAL PROCESS AND SAFETY ENGINEER (M/F)

Permanent contract | Fulltime/40h | Belvaux

Your work environment

The Luxembourg Institute of Science and Technology (LIST) is a Research and Technology Organization (RTO) active in the fields of materials, environment and IT. By transforming scientific knowledge into technologies, smart data and tools, LIST empowers citizens in their choices, public authorities in their decisions and businesses in their strategies.

<https://www.list.lu/>

You will be part of the LIST Materials Research and Technology department

Through its research into advanced materials and processes, the department, with over 190 researchers and engineers, contributes to the emergence of enabling technologies that underpin the innovation processes of local and international industry. The department's activities hinge on four thematic pillars: nanomaterials and nanotechnology, sustainable composite material, functional polymers, and process technologies (including scientific instrumentation).

The Research and Facility Management (RFM) coordinates all operational aspects of lab installations in terms of technical support, research infrastructure and HSE. As the Single Point of Contact, both within the department, and towards the corporate HSE, infrastructure & quality unit, It also supervises the quality assurance (and accreditation, where relevant) of existing and future scientific installations and is the guarantor for the functioning of scientific and technological installations on the different LIST sites.

What you will be doing

The candidate will review and analyse processes submitted by researchers, especially when chemicals are involved. S/he will propose adapted protocols for safe and controlled processes.

S/he will manage safety aspects for equipment use and new processes, as well as guaranteeing that the installation of new laboratory equipment follows the facilities and HSE recommendations. In this context, s/he will have to do some laboratory management.

- Analyse and co-validate chemical process agreements in the Safety Analysis Committee
- Verify and analyse new laboratory equipment needs in terms of facilities and health and safety
- Coordinate new equipment technical studies for new machines
- Review user protocol for the equipment prototype
- Manage chemical products and waste
- Follow up chemical product purchases
- Implement statistical process control
- Supervise the implementation of new Best Known Methods
- Participate in laboratory meetings

Job reference: MRT-2020-050

Application file:

- A CV
- A motivation letter
- References names of two or three referees

Apply online:

https://www.list.lu/en/jobs/materials-job-opportunities/job-offer/?tx_listjob_listjobdisplay%5BlistJob%5D=4015&cHash=5b1aa05dcba7c46d7df29f8702fa7181

Your working environment

The research department

<https://www.list.lu/en/mrt/>

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LUXEMBOURG
INSTITUTE OF SCIENCE
AND TECHNOLOGY



Which profile we are looking for

- Master's degree in chemistry or engineering degree
- 5 to 15 years of experience in an industrial or RTO environment
- Expertise in chemical risks
- Good knowledge of chemical engineering
- Good knowledge of physical/chemical processes
- Planning and priority management
- Team spirit
- Technical report writing
- Health and safety-oriented
- English is mandatory and French is an asset

Interested ? Please apply online

https://www.list.lu/en/jobs/materials-job-opportunities/job-offer/?tx_listjob_listjobdisplay%5BlistJob%5D=4015&cHash=5b1aa05dcba7c46d7df29f8702fa7181

The Luxembourg Institute of Science and Technology (LIST) is a mission-driven Research and Technology Organisation (RTO) that develops advanced technologies and delivers innovative products and services to industry and society. Located at the heart of Luxembourg's vibrant Research and Innovation Campus in Esch-Belval, LIST can ideally connect its over 500 specialists in materials, the environment and IT with virtually all of Luxembourg's other main research players such as the University of Luxembourg, LIH, LISER, Technoport, Luxinnovation and the National Research Fund. **LIST.lu**

The LIST is committed with equality of opportunities and gender balance