



Chemical Engineer Sustainability

Job Description Summary

Today, Lonza is a global leader in life sciences operating across three continents. While we work in science, there's no magic formula to how we do it. Our greatest scientific solution is talented people working together, devising ideas that help businesses to help people. In exchange, we let our people own their careers. Their ideas, big and small, genuinely improve the world. And that's the kind of work we want to be part of.

In this Position you will work in a dynamic and interesting environment together with experienced Chemical Engineers and Chemists to support and lead projects focusing on production and process sustainability. Project goals will include solvent recovery, reduction of waste water incineration generated by Pharmaceutical processes and reduction of energy consumption leading to production cost saving and CO2 footprint reduction. This is a unique opportunity for a Process Engineer motivated to develop and improve processes to make a sustainable difference.

In general, this position will focus the following key activities of the Process Technology group in the Lonza global Pharma Biotech and Nutrition Sector.

Key responsibilities :

- Evaluation on key production assets about Energy, steams, water for finding opportunities for consumption optimization.
- Evaluation of production processes with focus on sustainability, working closely with other Development & Optimization Teams
- Drive sustainability projects in the area of waste water technology, solvent recovery, energy reduction.
- Develop and supervise Laboratory trials to support sustainable process development and optimization.
- Simulate processes using process simulation software (Chemcad), and track online process parameters (SEEQ).
- Evaluate alternative technologies in the field of Sustainability which could be beneficial for our production assets or commercial processes
- Document project results and support Data base activities.
- Coordinate activities with external consultants and internal specialists

Key requirements:

- Knowledge Chemical or Process Engineering, thermal separation processes such as Distillation, Membrane Technology.
- Have a high affinity to understand and optimize chemical Processes.
- Interest in Environmental Process Engineering and waste treatment as well as Energy consumption optimization
- Creative, yet structured problem solver and autonomous self-starter.
- Able to work in a fast-paced environment and to manage multiple tasks in parallel.
- Strong organization and project management skills.
- Graduate degree in Chemical or process Engineering or related studies.
- Strong Excel and PowerPoint capabilities with understanding of Process Simulation software.
- Excellent written and verbal communication skills in both German and English
- Strong interpersonal skills as team player, reliability, and service mentality and take decisions driven by facts and figures
- Highest ethical standards, able to maintain discretion and confidentiality
- Eligible to live and work in Switzerland

Every day, Lonza's products and services have a positive impact on millions of people. For us, this is not only a great privilege, but also a great responsibility. How we achieve our business results is just as important as the achievements themselves. At Lonza, we respect and protect our people and our environment. Any success we achieve is no success at all if not achieved ethically.

People come to Lonza for the challenge and creativity of solving complex problems and developing new ideas in life sciences. In return, we offer the satisfaction that comes with improving lives all around the world. The satisfaction that comes with making a meaningful difference.