

**Title: Technician for Synchrotron-radiation X-ray powder analysis
(Techniker für Synchrotron Pulver-Röntgenbeugung Analyse)**

Job description

As a Technician for Synchrotron X-ray powder analysis, you will be primarily responsible for managing all company lab-related activities, in particular handling and preparing samples from industrial customers. You will also be the company interface for the access to various facilities at the Paul Scherrer Institute.

You will also be responsible for revising and improving the Quality Management System and ensure that day-to-day activities at ESS are compliant with Standard Operating Procedures and stringent safety protocols.

As a Technician for Synchrotron X-ray powder analysis you will:

- Plan, receive and verify receipt of samples from industrial customers; document receipt of samples in appropriate logbooks.
- Ensure smooth and efficient interactions with customers in order to collect the required information for a successful project execution.
- Prepare samples to be analyzed at the synchrotron facility, including milling, dilution, temperature and relative humidity treatments.
- Perform general lab duties and housekeeping, as required. Maintain a clean, safe and efficient working environment in perfect compliance with the Paul Scherrer Institute and Excelsus Structural Solutions safety rules
- Track lab supplies and chemicals; restock inventory in store rooms.
- Prepare and qualify lab equipment via the required performance tests. Manage all maintenance tasks for this equipment.
- Manage technical documentation: create, revise and improve company's SOPs, make recommendations to improve efficiency, ensure information is standardized and confidentiality is maintained.
- Define and implement all required safety measures.
- Participate to instrument set-up and measurements at the synchrotron facility
- Contribute actively to the continuous improvement of the above activities.
- Take care of the future growth of all lab-related activities of ESS.

Minimum requirements

- Completed training as a laboratory technician in chemistry (e.g. "Chemielaborant") or equivalent. Additional practical experience in a pharmaceutical industry, work with Standard Operating Procedures and writing of scientific communication (i.e. company highlights on website or social networks) is a very relevant plus.
- Ability to manage technical documentation. Proficiency with Microsoft Office suite.
- Demonstrated strong organizational skills, meticulous and attentive to details
- Ability to work in an autonomous way, performing tasks with extremely high accuracy and reliability, detecting deviations and inconsistencies.
- Deep sense of responsibility, self-motivation and driving force for change.
- Ability to work in a team environment, with flexible hours and adapt to tight deadlines.
- Good knowledge of German (spoken, written); very good knowledge of English (spoken, written).

Start date: to be agreed.

Employment Type: 80-100%; permanent position with probation period

Seniority level: entry level or commensurate to candidate's experience

If you are interested in working for a growing scientific/technological company, then send us your application in English at jobs@excels.us together with a strong motivation letter. Or contact us if you have any questions!