Cell Design Engineer

Join us and become a part of the team responsible for developing the growth of Subotica's future largest factory.

Your job duties and responsibilities will include:

- Designing and building pouch cells and coin cells;
- Electrode slurry formulations, mixing, and coating;
- Provide engineering analysis for the impact of different components in the pouch cell on the overall performance of the cell;
- Operating equipment for laboratory testing including electrochemical analyzers;
- Prepare electrochemical reports, and effectively communicate results;
- Work with external prospects and customers to define, develop, and exceed specifications;
- Plan, organized, direct, and follow up on project-related testing activities;
- Ensure delivery of the project activities and interact with RnD;
- Develop and review mechanical drawings and models with computer-aided tools;
- Drive and lead internal and external design reviews within the mechanical and structural analysis area and include your findings to create better products;

You will receive:

- Flexible working hours and individuality in work organization;
- The opportunity to work in a multinational environment with people who know how to develop and produce batteries;
- The opportunity to steer your professional growth, development, and advancement;
- Sense of pride for working in the only high-tech lithium-ion battery production company in the region.
- Good working conditions and earnings;

Profile:

- University degree in Material science and engineering, chemical engineering;
- Minimum 3 years of work experience, good verbal and written skills in English;
- Experience in solving open-ended engineering problems;
- Knowledge of electrochemistry fundamentals, such as ion diffusivity, charge transfer kinetics, and cell balance;
- Analyzing operating Electrochemical conditions and functions of battery cell formation equipment and process to scale up the coin cell performance to multi-layer and multi-stack pouch cell design with high gravimetric capacity, energy density, cycle stability, and faster charge;
- Knowledge of material design and to achieve faster charging and rate capability;
- Experience in dealing with nanopowders and making slurries for batteries;
- Experience working with battery analyzers;
- Must have a positive attitude, passion, and teamwork skills;
- Excellent communication skills including technical writing, presentations, and interpersonal interaction;
- Excellent cross-functional and teamwork skills;