

# WE ARE STRONGER WHEN TOGETHER

As members of the Standard Profil Group we strive to take our company to the next level on a daily basis with our team spirit, diverse work force, innovation, motivation and synergy.

We value every member of our team and become richer as a family. We work and produce together to build a better, stronger future both for SP Group as well the world at large.

11 PLANTS

#3 IN EUROPE, #5 WORLDWIDE

APPROXIMATELY 8,000 EMPLOYEES

10 R&D CENTERS

PRODUCTION IN 7 COUNTRIES

11 SALES OFFICES

+11 DIFFERENT NATIONALITIES

+25 AUTOMOTIVE BRANDS

WHAT ABOUT BEING A PART OF OUR COLORFUL AND GLOBAL FAMILY?

## CAE Specialist

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What about being a part of our colorful and global family? We are looking for a new team member who will join us to;

- Carry out numerical modeling activities for EPDM Rubber and TPV flows inside extrusion dies,
- Analyze flow physics in the die with computational methods, detect the problems and provide the necessary improvements to the die design accordingly,
- Perform the R&D activities and simulation test productions,
- Conduct continuous research and implementations to improve the CAE capabilities of the group.

### **WHAT WE EXPECT FROM YOU:**

- Perform computational analyses for internal flow and thermal characteristics of extrusion dies.
- Carry out necessary CAE simulations for the design validation of the dies to be manufactured in synchronization with designers.
- Improve the die designs. Determine the dead zones, flow disorders, high-pressure fields, etc.; and conduct necessary geometric modifications on the CAD environment in cooperation with the die designer.
- Derive the necessary data from the lines in R&D activities and simulation test productions and develop the know-how for the organization.

- Pursue research studies in the EPDM/TPV extrusion field and advanced engineering simulation activities in order to advance group CAE competency.

### **WHAT YOU NEED TO HAVE:**

- Min of. Bachelor's Degree from related disciplines; preferably in Mechanical Engineering with a focus on Computational Fluid Dynamics.
- Ongoing/completed MSc/Ph.D. study on related fields will be of preference.
- A strong foundation in the field of CFD or FEA, and a solid experience with at least one of the software packages like SW Flow Simulation, ANSYS, Star-CCM, etc.
- Eagerness to make research/academic studies on EPDM Rubber and TPV process.
- Experienced at Solidworks or other equivalent 3D CAD software suites.
- Fluency in both written and spoken English.
- Proactive team player with excellent oral/written communication skills.
- Aptitude to work with short-term assignments in a busy work schedule.
- No restriction to travel domestic and abroad.

### **HOW TO APPLY:**

Please e-mail your resume to [zbediz@standardprofil.com](mailto:zbediz@standardprofil.com) (Zeynep Bediz)