



JOB DESCRIPTION – PRODUCT ENGINEER

Department: Engineering

Reports to: Product Engineering Manager (Chassix HQ – Southfield, Michigan – USA)

Facility: Chassix liaison office (Paris, France)

Company overview:

Chassix provides high-quality design, engineering, machining and assembly of aluminum and ductile iron castings. Leveraging regional production in North America, South America, Europe and China, Chassix is able to respond quickly and cost-effectively to automakers' casting and machining needs around the world.

Climate:

Full-time direct position. Fast pace work environment. Multicultural team. Frequent travel to Chassix manufacturing locations and customer facilities.

Responsibility:

- Design development
 - Responsible for design creation and troubleshooting from prototype to production phase (DFM, DFA, DFMEA)
 - Main engineering contact for customer. Participates in APQP process with program manager
 - Plans bench validation campaigns through DVP&R
 - Leads design reviews; extensive communication with manufacturing teams, program managers, Sales team, Quality teams, Test labs on global scale
 - Change Management process (initiate and track ECN/ECR)
- CAE and 3D
 - Plans simulation needs (mechanical and casting)
 - Supports CAE group in FEA set-ups
- 2D Drawings
 - Review of drawing feasibility with Chassix manufacturing locations
 - GD&T and release activities (approvals)
 - ID special characteristics
- Supplier interaction
 - Directs design integration with final product and judges requests for changes
 - Prepares release contents

Skills / Education / Knowledge:

- Academics
 - Bachelor's degree in Engineering. Masters preferred.
 - Mechanical engineering tools: Catia, UG, Hyperworks, nCode (fatigue), Abaqus
 - Use of Ms Office suite (Excel, PowerPoint, Outlook)
- Skills
 - Automotive industry knowledge/interest (suspension)
 - Metallic materials behavior, metallurgy
 - GD&T experience and statistical knowledge
 - Manufacturing knowledge or experience (machining, casting, assembly, automation) is a plus

Profile:

- High potential candidate with good analytical skills
- Professional experience: 1-5 years
- Language. English: professional proficiency required. German or Czech proficiency preferred.
- Organized, autonomous, decisive
- Team player (Program Management, Manufacturing, Account Management, Purchasing)

Please submit CV to Guillaume Ruellé – guillaume.ruelle@chassix.com