

MAKE YOUR MOVE.



Eberspaecher Climate Control Systems Canada Inc, Mississauga

Whether vehicle heaters, air conditioning systems, vehicle electronics or exhaust technology: As one of the leading system developers and suppliers to the global automotive industry, we stand for groundbreaking solutions. You want to help shape the mobility of tomorrow? In an innovative family business with over 10,000 employees? With us you can and you should. Because we are constantly on course for the future. For you, this means: exciting areas of responsibility, plenty of room for creativity and diverse development opportunities.

JOIN THE EBERSPÄCHER TEAM

Product Application Engineer - Electrical (EH / ESS)

RESPONSIBILITIES

1. Custom Design solutions and Application Engineering Support. Application, development, and approval of Electrical Heating and Energy Storage System applications for Eberspaecher's OEM, OES and IAM (Independent Aftermarket) customers.
2. Work with Eberspaecher Special Markets (CSP) Germany to develop specifications, products, product applications and markets for vehicle EH/VAC solutions.
3. Become a technical expert on core products including High Voltage Products, Controls, AC, Fuel Operated Heaters, and act as key technical resource for Eberspaecher North America.
4. Key technical resource for Eberspaecher North America for the Sales and Marketing teams.
5. Manage new product releases per Eberspaecher's APQP Gated Product Development Process.
6. Coordinate and collaborate with R&D on design validation plans (DVP&R) based on customer requirements.
7. Schedule and Coordinate required testing for each project along with installation approval reports.
8. Develop technical reports and presentations for Design / DFMEA / DVP&R reviews with customers and negotiate design changes.
9. Coordinate and ensure the preparation of prototype / production samples and submissions.
10. Manage product design releases, supporting the project throughout the full product development life cycle.
11. Review programs regularly for continuous improvement initiatives.
12. Provide assistance to the Engineering team as needed, including drawings, technical data, BOM development, engineering reports, and file organization to ensure smooth product launches and proper data retention and management.

REQUIRED KNOWLEDGE AND SKILLS

1. Minimum 5-10 years of Product Development / Applications Engineering experience with an Electrical discipline.
2. Product Application experience with Power Electronics, Energy Storage Systems, High Voltage automotive solutions (HVAC, controls, etc.).
3. Strong understanding of vehicle battery requirements, charging requirements and characteristics, state of health, etc.
4. Product Design experience in the Automotive, Heavy Truck, RV, or Construction Equipment markets and working with product development APQP teams, suppliers and customers.
5. Project Management experience through a gated product development process.
6. A good understanding of vehicle electrical systems and controls.
7. Good understanding of communication protocols, and programming (GPB, CAN, I2C, SMBus, HDQ, PMBus, etc.)
8. Demonstrated Hands-On Problem Solver.
9. Ability to break down complex projects into tasks and to prepare estimates, status reports and other reports as needed.
10. Excellent time management skills.
11. Experienced with CAD software (SolidWorks), SAP and Microsoft Office applications (showing competency in the creation of reports, spreadsheets and presentations).
12. Experience with IATF / ISO / TS procedures, APQP, PPAP, GD&T, DFMEAs, Root Cause Analysis, 8D's, Control Plans, Flow Diagrams, etc.
13. University Degree in Electrical, Electronics or Mechatronics Engineering.
14. Registration as a "Professional Engineer" or "Certified Engineering Technologist" would be an asset.

Contact: Sarah Neto – HR Manager (sarah.neto@Eberspaecher.com)