



JOB DESCRIPTION FORM

IDENTIFICATION			
Job Title:	Chief Engineer Electrical / Electronics		
Unique Job Code	CPL-CE001	Date	1-02-2022
Business Area	Engineering	Work Time	Full Time (Flexi)
Contract Type	Permanent	Location	Bengaluru (Bangalore)

PURPOSE			
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ROLE

The Chief Engineer Electrical / Electronics will be responsible and accountable for all engineering activity within the domain of Electronic and Electrical Engineering, including HV and LV systems, motors, controllers batteries and chargers. The work will include both internal Coexlion programs, and external client projects. Projects will predominantly be in the domain of scooters and high-performance electric motorcycles. The Chief engineer will be responsible for setting the technical direction in this area, including research into new and emerging technologies.

The Chief Engineer Electrical / Electronics will work closely with colleagues in the UK and India to build an Electrical / Electronics Engineering team. The team will be responsible for delivering engineering solutions that meet overall requirements of cost, quality and program timing. The Chief Engineer will be responsible for developing and enhancing the internal standards and processes that facilitate world class engineering and generation of IP within their team.

The Chief Engineer will be responsible for reviewing program milestones and managing the progress to the targets, resolving any critical deviation when escalated to them.

The successful applicant will be expected to bring domain specific knowledge in the design of both high and low voltage automotive systems, and be familiar with communication systems between BMS, motor and charge controller systems.

The Chief Engineer will report to the Executive Director and form an integral part of the Indian leadership team. The Chief Engineer will head the multidisciplinary Electronics and Electrical Engineering team. A key responsibility will be resource planning and structuring of the sub-teams, which may include analysis simulation and software development, as well as core electrical engineers. The Chief Engineer will be responsible for recruitment and equipment procurement as the team is built from the ground up.

The Chief Engineer will be responsible for preparing content for client proposals, which may involve clients, both within India and overseas.

KEY TASKS & ACCOUNTABILITIES

- Resource Plan for his/her team and propose an annual budget, and growth plan.
- Oversee programs and step-in when there is a risk of deviation to Cost, Time or Quality requirements.
- Accountable for timely, delivery of programs within the target cost. Within the electronics/electrical domain.
- Coach and develop the team. Setting development targets for the team.
- Delegate appropriately, empowering the team to take individual responsibility and contribute to the company goals.
- Build a high functioning team, with a focus on creating new concepts, and achievable innovation.



- Build systems and processes that ensure engineering principles and calculations are rigorously applied and recorded, and that best practices are shared and kept up to date.
- Ensure high standards of documentation and reporting within the team.
- Defining electrical system strategies for both high and low voltage systems.

REQUIREMENTS

KNOWLEDGE, SKILLS & EXPERIENCE

- Experienced design engineer, working for an automotive OEM or Tier 1 supplier. With a proven leadership track record.
- 10years plus of domain knowledge (motorcycle or passenger car electrical / electronic design)
- Knowledge of project management processes.
- Familiarity with DFM/DFA/DFS requirements.
- Experience in DFMEA for electrical and electronic systems.
- Experience in designing validation processes for electrical and electronic systems.
- Familiarity with main cost drivers and value engineering opportunities.
- Prior EV experience and knowledge of both high current and/or high voltage systems is a requirement.
- Experience of external quality standards, ISO16750 LV124 & LV148.
- Familiarity with requirements of functional safety standard ISO26262.
- Experience of the homologation process of the electrical and electronic systems, including HV batteries and vehicle EMC compliance.

QUALIFICATIONS

- Bachelor/Dual Degree/Mtech in an Electrical / Electronic / Robotics / Mechatronics engineering discipline from a well-established college.
- Practical skills and hands-on experience are both highly valued in your application.
- High voltage safety training is an advantage

PERSONAL ATTRIBUTES

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The successful candidate will have a passion for engineering. We are not looking for 9am to 5pm engineers who leave their engineering enthusiasm in the desk drawer at the end of the day. The Chief Engineer needs to instil this passion in their team. We believe that innovation comes from a cross pollination of ideas. You won't find anything new in a textbook, we want the teams to be out there, trying new things. With a leadership team that encourages and facilitates this.

For Coexlion a Leader is not the person who has all the ideas or takes all the credit for work done. The leader facilitates their team, they are the guiding hand that allows their team members to achieve more than they themselves thought possible.

The leader does not rule with an iron fist, shackling the teams to their desks. They create a positive environment, where the team give their best as they feel valued and encouraged, and overall enthusiastic about world class engineering.



VALUES

Coexlion delivers 'Excellence through collaboration.' The core values below inform how we think, behave, and deliver this engineering excellence. We are looking for candidates who naturally align themselves to these coordinates.

- **COLLABORATION**
We are a team. Our engineers are not judged on their individual contributions, but on the positive effect that they have on those around them.
- **COEXIST**
We Coexist with Nature; we believe in a future where the pursuit of technical advance is not at the expense of the environment. We strongly believe in the coexistence of humanity; we are a multi-cultural, global company. We welcome and respect everyone equally.
- **ACCOUNTABILITY & TRUST**
We stand for honesty and integrity. We trust our employees to take responsibility for their own conduct and deliverables. We show this through flexible working patterns and absence of "clocking in." In turn we expect self-motivated, punctual, and dedicated team members.
- **ACHIEVING**
We get things done. We don't sit in meetings, passing the buck, talking over the issues. We own the problems; we take action, and we get it done.
- **EXCELLENCE**
Our solutions are not quick fixes or short-term gains. We take the long-term view, and we do it right. We take pride in doing things well. We aim to be the best.
- **INNOVATION & EFFICIENCY**
Every decision we take we ask ourselves; Can it be better? Is there waste? How can we be more efficient? This drive for improvement fuels our innovation.

DISCLAIMER

A large part of Coexlion is client driven, therefore responsibilities and accountabilities may from time to time change to meet client requirements.

This job description may not detail some duties allocated to the post holder, nor cover duties of a similar nature, commensurate with the role, which may from time to time be required by the relevant manager.