Advanced Electric Machines Ltd

JOB DESCRIPTION

Job Title	Engineer – Mechanical Systems	Reports to	Lead Engineer – Mechanical Systems
Department	Operations	**Date**	Feb 2018
Direct Reports	N/A		

Purpose of Role:

This position will support the design and development of a series of mechanical drivetrain technologies for electric vehicle systems across a wide range of sectors including passenger car, aerospace, commercial vehicle, off-highway and agricultural vehicles.

Responsibilities:

Provide design support across supplier, process and customer base

Key Activities:

1. Design and simulation of new transmission and drivetrain technologies including motor drive integration
2. Collaborative project definition
3. Design for manufacture review of new and existing designs
4. Support Prototype and production build programmes
5. Drawing issue and Engineering Change Requests
6. Undertake any other duties of which the knowledge, skills and experience required fall within a post holder's expected capability and commensurate with the post holder's position in the company.

Education/Qualifications Required:

Post graduate qualification in transmission and drivetrain simulation and design

Experience Required:

1. Experience working with commercial customers
2. An appreciation of electro/mechanical manufacturing processes
3. Preferably with an automotive background

Skills & Attributes Required:

- Strong analytical skills with an eye for detail
- Focused, diligent and accurate in specification definition and reporting
- Able to work in cross-business teams and build a rapport with individuals from a variety of backgrounds.
- Adaptable style
- Capable of working in partnership with other academic and commercial organisations
- Excellent written and verbal communication skills
- Able to work to tight deadlines in a high-pressure environment

If you are interested in understanding more about this role, or would like to apply, then please contact, or send your CV and a covering letter to, mike.woodcock@advancedelectricmachines.com and we will get back to you very shortly