

Senior / Engineers, Mechanical Design

Responsibilities

- Design mechanical/electro-mechanical components using 3D CAD software (CATIA) for automotive interior body electronics products (e.g. Body Control Modules, Zone Controllers, Door Control Modules, High Performance Computing Units, Seat Control Units...).
- Develop mechanical drawings (customer, manufacturing, supplier) according to worldwide standards, vehicle requirements as well as product function analysis.
- Apply Geometric Dimensioning and Tolerancing (GD&T) principles to all designs and Drawing
- Develop plastic injection and metal parts to automotive specifications with local and international teams.
- Perform tolerance studies for all assemblies to ensure the proper fit and function of components.
- Execute structural calculation for designs and verify the results by doing engineering testing.
- Cooperate with global manufacturing locations to ensure proper production set up.
- Work with both local and global suppliers for all purchased parts from concept phase to part release.
- Conceptualize new designs for new project acquisitions.
- Manage and maintain Technical Product Documentation throughout the Product Life Cycle of the project.
- Execute Engineering Change management and documentation.
 - This includes Variant control, drawing contents updating, based on internal worldwide procedure and customer standards.
 - Implementation of design change with engineer (ECN).

Requirements

- Bachelor degree or higher, major in Mechanical Engineering or similar.
- Good knowledge of manufacturing processes for plastic injection moulding, metal stamping and die casting.
- Knowledge of Quality tools i.e. Six Sigma, A3, DFMEA, DRBFM, FTA...
- Ability to cope with high workload situations and under time pressure.
- Ability to present / explain technical contents in a structured and systematic way.
- Attention to details.
- Ability to attend technical meetings with global supply base, as well as to communicate with international teams.
- Team player with good oral and written communication skills.

Interested applicants, please send CV and queries to Emily (emily.ong@continental-corporation.com).