

TIER 1 SUPPLIER

Automotive

Mechanical
Engineering



BATTERY STRUCTURE DEVELOPMENT

OBJECTIVES

- Design, assemble, and test battery tray structures
- Serve as a proof point to potential clients that are looking for quotes on new battery structure designs

MAIN TASKS

- Resolve manufacturing- and testing-related issues emerging from various development activities
- Ensure the design meets all requirements internally and externally
- Understand and note DFM rules created from manufacturing trials
- Create prints/schematics and design parameters for process developments
- Lead engineering effort for developmental activities to achieve end goal of the project

KEY TOOLS & TECHNOLOGIES

- DFMEA
- PFMEA
- DVP&R
- 8D problem solving
- Root cause analysis
- APQP phase gates
- CATIA
- 3Dview
- myPLM
- SAP
- WinATEQ (leak test)