

JOB DESCRIPTION

Job Title: Project Engineer

Department: Powertrain

Reporting to: Chief Engineer Powertrain

Job Purpose:

To deliver Powertrain components and systems from prototype through to production

Key Accountabilities

To complete Powertrain component and system specifications to comply with requirements of internal and external customers.

To plan delivery of Powertrain components and systems using MS Project, in compliance with Prodrive project delivery processes. Planning to include estimation of resources and programme spend

To ensure completion of appropriate engineering quality processes including DFMEA, risk assessments, robustness study and root cause analysis

To liaise with development team to define appropriate testing programme, procedures and associated resource for timely completion of development and validation testing

To liaise with internal and external suppliers to define appropriate manufacturing route for components and systems at both prototype and production volumes. Should also be able to recommend optimum manufacturing route / supplier to meet component specification within project and cost constraints

To define, co-ordinate engine and vehicle testing at internal and external facilities including writing engine test schedules and test procedures.

To gather and process test data to a sufficient level to enable presentation and understanding of trends and phenomena encountered during testing.

To complete technical reports to comply with Prodrive project management procedures and to enable effective communication with clients and Prodrive management.

To co-ordinate manufacture of prototype hardware using both internal and external suppliers.

To co-ordinate build of prototype vehicles using both internal and external resources

To drive to a sufficiently high standard to complete powertrain evaluation and development in vehicle, on both track and public roads.

To complete calculations to support engineering decisions in a format suitable for presentation to internal and external clients.

To liaise with suppliers to develop prototype and production powertrain components and systems.

To plan own time and activities to enable timely completion of development tasks.

To liaise with internal and external clients to ensure clear understanding of project direction, client satisfaction and Prodrive requirements.

To be informed of current and future technologies relevant to department technical strategy.