Dragos Ion Uta

EDS Engineer

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Experience

Project Engineer at Lear Corporation UK

January 2016 - Present (1 year 3 months)

EDS Engineer, Land Rover, D7U Platform, 17MY, Solihull based

January 2016- Present.

- Responsible for electrical distribution systems such as power cables, bus bars, Electronic Power Assisted Steering (EPAS) on 17MY cars;
- Design , develop and validate prototypes and final parts (components);
- Take concept ideas through lifecycle to mature products.
- Carry out design trade-off taking into account complexity management, circuits, various body structure and Cost Time Optimisation (CTO) requirements;
- Ensure part design and functionality meet target as well as remain compliant with industry standard regulations;
- Liaise with product coaches to track and resolve current product issues;
- Propose and provide technical solutions to issues within short timescale;
- Participate in technical reviews with customers to review, discuss and determine technical solutions for approval;
- Review and approve the 3D CAD models of designed parts;
- Review and sign off 2D engineering drawings;
- Arrange regular meeting with stakeholders and pass gateways;
- Update and maintain DFMEA based lessons learnt;
- Able to use CATIA, TEAMCENTER, WERS, DT, ECRS JLR;

EDS RESIDENT ENGINEER at LEONI

December 2013 - January 2016 (2 years 2 months)

- Analyze/achieve with the customer the technical proposals using CATIA V5 (Electrical Assembly Design, Electrical Part Design, Electrical Harness Assembly, Electrical Harness Installation and Electrical Wire Routing);
- Ensuring the development and preparation of technical documentation in all phases of major projects, from the pre-project phase, through the conceptual to the final development phase with the objective of risk reduction, optimization of costs and reliability;

- Check the modifying of the harnesses is according to project demands, industrialization demands, harness manufacturer demands;
- Participate in meetings in order to analyze changes, finding solutions;
- able to work with TEAMCENTRE;
- able to work with LOGICAL CABLE;
- able to work with COMPLEXITY TABLE;
- the harness will be achieves according to the Quality, Cost, Timing factories;
- able to work with BOM;
- Acquisition / verification of functional information required from the customer, defining technical solutions and implementation of the documentation associated part-study;
- All the modifications requested will be according to the planning/skill rules;
- Check that definition / negotiation course and fixing wiring, functional characteristics of safety, tolerance;
- Respect the terms according to the harnesses planning;
- Participating in Value Add/Value Effectiveness (VA/VE) workshops.
- Active participation/ negotiate to the RFQ's projects.

EDS ENGINEER at LEONI

June 2007 - December 2013 (6 years 7 months)

-Product development, R&D, engineering product/process

-Mission: Product development in order to respect quality-costs-delay constraints (the harness will be achieves according to the Quality, Cost, Timing factories)

-Quality: the product must be easy to assemble, reliable; optimize product during mass production;

- Cost: maintain product costs in objectives; ensure economies during product life cycle
- Delay: respect the data delivery deadlines agreed with Renault engineering office and with the customers.
- Feasibility 3D drawing requested by the customer using (Electrical Assembly Design, Electrical Part Design, Electrical Harness Assembly, Electrical Wire Routing);
- Feasibility the wires routing requested by the customer;
- The study and realization of the 2D plan for a specific electrical harness following the client demands;
- The realization of the technical documentation for the specific electrical harness;
- able to work with BOM;
- able to work with COMPLEXITY TABLE;
- able to work with LOGICAL CABLE;
- The study of technical and economic feasibility for different types of electrical harness together with the other implied actors.
- Participating in Value Add/Value Effectiveness (VA/VE) workshops.
- Active participations to the RFQ's projects.

EDS ENGINEER at LISA DRAEXLMAIER

November 2001 - June 2007 (5 years 8 months)

- Analyze and validate customer proposals;
- Improves concept by applying different methodologies;
- Provides project design parts before or life series, following trade standards;
- Define functional sketch and validate them;
- 3D automotive electrical harness modelling using Catia – electrical module (Electrical Assembly Design, Electrical Part Design, Electrical Harness Assembly, Electrical Harness Installation, Electrical Wire Routing)
- Analyzing electrical studies;

- Checking for clashes between electrical and other disciplines;
- Checking the electrical harness on the physical mock-up;
- Vendor 2D drawing review;
- the harness will be achieves according to the Quality, Cost, Timing factories;
- able to work with BOM;
- Participating in Value Add/Value Effectiveness (VA/VE) workshops.
- Active participations to RFQ's.

Skills & Expertise

CATIA
Wiring
Electricians
Product Development
Continuous Improvement
Lean Manufacturing
Manufacturing
R
Automotive
CAD
APQP
Six Sigma
5S
Kaizen
FMEA
Engineering
Project Management

Education

MECHANICS AND TECHNOLOGIE PITESTI
Licentiate degree, Mechanics Engineering Related Technologies/Technicians, 1996 - 2001
Grade: ENGINEER

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Contact Dragos Ion on LinkedIn