

Anand Munale (Wiring Harness Design Engineer)

Mr. Anand Ramesh Munale

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OBJECTIVE:-

Try to obtain for an exposure in the Automobile industry as a Design Engineer at a professional level and to work under every possible circumstance, ready to accept challenges and work with total dedication and determination.

TECHNICAL SKILLS:

- 🌐 A competent professional with 2 years and 10 months of experience in Electrical Harness Design for automobiles using CATIA V5.
- 🌐 Excellent Knowledge in Electrical Wiring Harness Routing in CATIA V5.
- 🌐 Well aware of 3D CAD modeling in Catia V5 in Part Design, Assembly Design, Sheet Metal Brackets Design & Electrical Routing.
- 🌐 Well aware with information fitment drawing preparation.
- 🌐 Knowledge of selection of electrical components like wires, fuses, terminals, connectors & relays.
- 🌐 Electrical Property applies on Clips, Connectors, Terminals, Grommet and Gaskets to help Electrical Routing.
- 🌐 Good hand on creation of Bill of Material (BOM), Wire Table and Terminal Table as per 2D drawing creation of Wiring Harness Design using CATIA V5.
- 🌐 Working on Sheet metal mounting bracket design by using sheet metal guidelines.
- 🌐 Good knowledge about Electrical Harness Flattening Workbench
- 🌐 Well aware with the Wiring Harness flattening consists of assembly of geometrical bundle to form a flatten bundle to get the 2D drawing details.
- 🌐 Good hand on creation of Electrical Harness routing and component assembly design using CATIA V5.

Total Work Experience: 2 Years 8 Months

Organization : SOLARIS ENGINEERING SERVICES, PUNE

Work Duration : 11th Jan 2021 – Till Date.

Designation : WIRING HARNESS DESIGN ENGINEER

1. CHASSIS WIRING HARNESS

Description:

In project we imperative study and examine the process of Chassis wiring harness given by client to create a new sample with making correction as per their requirements.

Responsibilities:

- 🌐 Accountable for reverse engineering for received sample of Chassis Wiring Harness.
- 🌐 Design a product as per customer requirement.
- 🌐 Creation of final manufacturing drawing Electrical Part Design, Electrical Harness Assembly and Drafting workbench.
- 🌐 Developed BOM (Bill of Material) Wire Table and Terminal Table.

2. BUMPER WIRING HARNESS.

Description:

In this project we need to develop and design 3D modeling of Bumper wiring harnesses in CATIA V5 with Electrical Routing, Electrical Assembly Design workbenches & drafting tool is used for Creation of 3D to 2D drawings of wiring harness.

Responsibilities:

- 🌐 Routing of the electrical wiring harness in the Electrical Harness Assembly and Mechanical Assembly Design.
- 🌐 Clips and slacks provided on routed wire as per basic guideline.
- 🌐 Electrical Harness Routing and Drafting.
- 🌐 Creation and modification of Wire Harness Bundle.
- 🌐 Arrangement of electrical components and devices in assemblies.

3. DOOR WIRING HARNESS.

Description:

The Project is about to improving the technical and practical knowledge of various components used for different projects related to harness design.

Responsibilities:

- 🌐 Electrical Harness Routing.
- 🌐 Creation and modification of Wire Harness Bundle.
- 🌐 Arrangement of electrical components and devices in assemblies.

🌐 SHEET-METAL BRACKETS.

1. HORN MOUNTING BRAKET.
2. WINDOW WINDING CONTROL (WWC) MOUNTING BRACKET.
3. HEAD LAMP MOUNTING BRAKET.

Description:

- 🌐 Design bracket 3D modeling by using sheet metal product guidelines i.e. bead, stamp, hole, slot, flange etc.

- 🌐 Working on **designing** with all surrounding data.
- 🌐 Co-ordinate with CAE department for model analysis of bracket.
- 🌐 Working on 2D drawing creation with GD & T symbols.

EDUCATIONAL SUMMERY:

- ☔ Completed B.E. in **Electrical Engineering** in Swami Ramanand Teerth Marathwada University, Nanded in 2016

PERSONAL DETAIL

Name : Anand Ramesh Munale
Date of Birth : 25th Feb 1993.
Permanent Address : Bhairavanath Mandir, India Nagar, Latur 413512.
Current Address : Kalewadi, Pimpri, Pune.
Marital Status : Unmarried

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge.

Thanking you,

Yours Sincerely,

Date: - / /

Anand Ramesh Munale