**VENKATESH T**

**Design Engineer**

**Email:** - venkat5976@gmail.com

**Contact: -** +91-7667232048.

**Professional Summary**

* Having 4 Years of experience and currently working in **SAPA Extrusion India Pvt ltd, (Norsk Hydro)**, Chittoor, Andhra Pradesh.
* Good team member, positive attitude and result oriented Self-motivated, quick learner, willing to adapt to new challenges.

**Technical Skills**

* Design Software’s : AUTOCAD, NX, CATIA, PRO-E.
* Analysis Software’s : ANSYS, HYPERMESH.

**Professional Profile**

* Currently working as a Design Engineer in **SAPA Extrusion India Pvt ltd, (Norsk Hydro)** Chittoor, Andhra Pradesh.

**Academic Profile**

* **Post-Graduation** in **Tool and Die Mould Design** from CITD MSME Tool Room, Hyderabad with **76%** during academic year 2015-2017.
* **Bachelor of Engineering in Mechanical** Stream from kanchi Pallavan Engineering College, Kanchipuram (Affiliated by Anna University) with **73%** during academic year 2011-2015.

**Professional Experience**

**SAPA Extrusion India Pvt ltd, (Norsk Hydro) - Feb 2019 To present**

**Role:** Design Engineer (Product Development)**.**

**Business Model**: Manufacturing the Aluminium Extruded products with value added by Anodizing, Powder Coating, Fabrication, Thermal break, Brushing & Silver polish finish. Supplies to Industries, Building & construction. Manufacturing Automotive parts & certified with IATF 16949.

**Responsibilities:**

* Sketched outline designs and used CAD programs to create detailed design and specifications.
* Preparing Fabrication Drawings to customers with fabrication requirements in CAD.
* Replicate physical sample given by customer into auto CAD.
* Responsible as drawing checker with complete dimensional data for engineering or manufacturing purposes using GD&T and reviews for accuracy, completeness and conformance to drafting, applicable design, component weights and system standards.
* Analysing defects / problems related to Die and Extrusion process implementing corrective & preventive actions and ensuring follow-up for the same.
* Follow up New Die and Coordinated with Planning/Production team to perform Trail. To Validate the Result and Communicate to internal Team and Closure of trial observations for NPD & ECN.
* Submit New product Samples/Test Report Sent to Customer for approval.
* Looking after daily Product Development Trail Results Updating.
* New Development Die Follow with Supplier Side.
* Maintained documents, drawings and other records for all projects.

**Steel Strips wheels Limited- Mar 2017 To Jan 2019**

**Role:** Design Engineer (R&D).

**Business Model**: Steel Strips Wheels Ltd is leading wheel manufacturing company in India specializing in design, development & manufacturing of Steel wheels for passenger cars & commercial vehicle. The major customers include, Ashok Leyland, Daimler, Tata Motors, Hammerling Etc.

**Responsibilities:**

* Rim and Assembly Tool Designing Using AutoCAD and Unigraphics with Considering.
* New Product Trials Follow up & Closure of Trial Observations.
* Release the tool drawings and gauge drawings to tool room for manufacturing.
* Tooling development (Manufacturing Follow-ups), Conducting Tooling trials (Initial trials & Ramp up (PTR)), Trial follow-ups, and Closure of trial observations for NPD & ECN.
* Prove the product process capability.
* Customer sample preparation and submitting the samples.
* Completing the Project (New products & Engineering changes) with respect to APQP timeline and on time Product Launching.
* Preparing and ensuring the documents in APQP process.
* Product & Process improvement trials to make the product economically with quality.
* Detailing the parts by means of ASME GD&T.
* Trial summary, report and its correction action follow up during try-outs.
* Creating, updating and revising Pre-launch documents and Comparing existing past troubles for effective implementation of new products without any troubles.

**Personal Profile**

Name : Venkatesh T.

Date of Birth : Jan 01 1994.