

VENKATESH T

Design Engineer

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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 Trial. 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 Trial 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.