

ABHISHEK GIRME

DESIGN / MANUFACTURING ENGINEER

IPC Certified Design Engineer with over 2 years of experience in new Product Development & Design

CONTACT

Grime.abhishek96@gmail.com

[linkedin.com/in/abhishek-girme](https://www.linkedin.com/in/abhishek-girme).

(+91)8149796814

Pune, Maharashtra, India

ACTIVITIES AND INTERESTS

Theater • Environmental conservation • Art • Hiking • Fishing • Travel

SKILLS

3D & 2D, Product Development, Engineering, Computer-Aided-Design, Teamwork, MIL-STD, Manufacturing, Communication, Problem Solving, ECN, IPC, BOM.

CERTIFICATION

IPC/WHMA-A-620

Requirements and Acceptance for Cable & Wire Harness Assemblies

10/2020- 10/2022

EDUCATION

BACHELOR'S IN MECHANICAL SANDWICH ENGINEERING

Pune University.
August 2016 - August 2021

DIPLOMA IN MECHANICAL ENGINEERING

Pune University.
August 2012 - August 2016

EXPERIENCE

MANUFACTURING ENGINEER TRAINEE IN AMPHENOL SOCAPEX.

Aerospace & Defense
Task/Achievements

August 2020~ Present

- Preparing proposals and offers from the customer requirements
- Searching Alternet/similar option from the requirements.
- Generating offers for the customers
- Have excellent data manipulation abilities (MS Excel/MS Access database type packages)
- Customer product specification review and action plan initiation
- Can develop the technical report /bill of material /assembly layouts/assembly work instructions.
- Assembly Feasibility and Risk assessment w.r.t to customer input
- Identifying tool/fixture require for new assemblies.
- Can process internal codification, BOM & various change management.
- Design and development of manufacturing drawing from the customer drawings

PROJECT TRAINEE (INTERN) IN FORBES MARSHALL.

Control valves
Task/Achievements

January 2019 ~ January 2020

- Handle new product development (gear box, valve jacketing, perforator plug) from prototyping till production.
- Worked from drafting to developing structural design of products using
- drafting tools (computer-assisted design (CAD)) and other 3D & 2D software's.
- Design angle valve with respect to customer data input.
- Worked on Creating/ structing engineering BOM
- Accuracy in maintaining tolerances and dimensions as per design standards
- Identifying problems with valves and used appropriate troubleshooting techniqueto locate and resolve concerns.
- Contributed to various cost reduction project and self-manufacturing to improved design build quality.
- Designed single / two / multistage control valve seat and plug.

PROJECTS COMPLETED

1. Designed Side mount hand-wheel (gearbox) for valve operations.
2. Designed Valve jacketing for control valve.
3. Designed Casting process for control valve top bonnet
4. Designed Micro KV plug and seat (minimum flow control valve).
5. Learned and applied perforated (plug) valve design
6. Completed a project on "PORTABLE PNEUMATIC ARM"(In Diploma last year).