

VIJAY S

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Intend to build a career with hi-tech environment of committed & dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment.

Professional Experience Summary

- ☐ **3 years** of experience in Aerospace domain with expertise in production of composite structures, instrumentation components, Sheet metal fabrication, materials procurements and testing.
- ☐ Good working knowledge on vaccum infusion, vaccum bagging, hand layup & matched die molding.
- ☐ Well aware of airframe composite structures, systems, tool design, process design and analysis with front end engineering equipment design and manufacturing activities.
- ☐ Handling the process of production part approval, advanced product quality planning and process failure mode analysis (PFMEA).
- ☐ Having excellent drawing reading, 3D CAD modeling and drafting skills. Also, responsible for the quality of the process and product.
- ☐ Responsibility in production and manpower planning, scheduling and work allocation.
- ☐ Knowledge of composite layup tools, aircraft materials, fabrication & assembly of structural components.
- ☐ Kaizen based lean manufacturing, implementation of 5s operations and continuous improvement of projects.
- ☐ Involved in development of new design as per customer requirements, CAD tools: CATIA V5.
- ☐ Well aware of GD&T and ASME standards.
- ☐ Demonstrated ability to build long term client relationship and determine the effective solutions to manufacturing process.
- ☐ Able to function as a part of a design and planning team, maintaining standard documents for future requirements.
- ☐ Worked with major clients like **HAL (A/C DIVISION, GTRE & LCA), ADE, ADA and ECIL.**

Technical Skills

**TECHNICAL : PRODUCTION PLANNING, ASSEMBLY, SHOP FLOOR
MAINTANENCE & QUALITY**

CAD TOOLS : CATIA-V5 (MODELLING, DRAFTING).

Professional Experience

1. Company Name : TIRVEN INDUSTRIES PVT LTD

Designation: Production Engineer

Duration: 01-2016 to 04-2017

Projects	Roles and Responsibility
Production of ENTIRE RUSTOM-2 Airframe (UAV)-ADE, Bangalore.	<ul style="list-style-type: none">• Study and understanding the components Drawings for production.• Procurements & confirmation of the required raw material based on aircraft standards.• Inspection of molding tools.• Raw material preparation.• Resource management.• Monitoring the production process of the component.• Troubleshooting of manufacturing process.• Quality inspection of the final product.• Preparation of production process documents.• Kaizen based lean manufacturing, implementation of 5s operations and continuous improvement of projects.
Production of ENTIRE PANCHI Airframe (UAV)-ADE, Bangalore.	
Production of NIRBHAY AIRFRAME (MISSILE)-ADE, Bangalore.	
Production of EXPERIMENTAL WING (UAV)-DRDL, Hyderabad.	
Production of RADOME & ANTENNA – ECIL, Hyderabad.	
Production of GFRP RADOMES & SHELL: NAVSTAR INTEGRATED, Hyderabad.	
Production of EXPERIMENTAL WING (UAV)-DYNASPEEDE, HOSUR.	

2. Company Name: REINFORCED PLASTIC INDUSTRIES PVT LTD, Bangalore.

Designation: Production Engineer

Duration: 06-2014 to 12-2015

Projects	Roles and Responsibility
Production of NISHANT (UAV)-ADE, Bangalore.	<ul style="list-style-type: none">• Study and understanding the components Drawings for production.• Procurements & confirmation of the required raw material based on aircraft standards.
Production of ABHYAS WING (UAV)-ADE, Bangalore.	

Production of AIRINTAKE & BELLMOUTH -GTRE, Bangalore.	<ul style="list-style-type: none"> • Creating check templates for pattern & mold. • Inspection of molding tools. • Raw material preparation. • Resource management. • Monitoring the production process of the component. • Troubleshooting of manufacturing process. • Quality inspection of the final product. • Preparation of production process documents. • Delivery of finished products to the customer & collecting the feedback. • Kaizen based lean manufacturing, implementation of 5s operations and continuous improvement of projects.
Production of LCA GFRP JIGS-HAL, Bangalore	
Production of HAWK FINCAP – HAL, Bangalore	
Production of HAWK ECS –HAL, Bangalore	
Production of LAKSHAYA WINGTIP–HAL, Bangalore	
Production of RADOME –ADA, Bangalore	

Academic Qualifications

B.E -Aeronautical Engineering from Adhiyamaan College of Engineering, Hosur, Tamil Nadu in the Year of 2014 with 82%.

PERSONAL DETAILS:

FULL MAME : **VIJAY S**
FATHER NAME : **SIVAPRAKASAM S**
LANGUAGE KNOWN : **TAMIL, ENGLISH, HINDI, TELUGU**
PASSPORT NO : **L6414395**

Declaration

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

Bangalore

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