

# NOUFAL J

TECHNICAL ASSISTANT (MECHANICAL ENG.)



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## SUMMARY OF EXPERTISE

Dynamic and results-oriented Diploma Engineer with **3 years of success in Mechanical Engineering**. Rich knowledge of **Mechanical systems, Powerplant and Components**. Well knowledge in **Quality control inspection**. Adept at translating concepts, a focus for detail and firm knowledge of drafting standards practices **Quick learning, thirst for learning new things, excellent communication and interpersonal skills** bringing resources and people together to maximize productivity, profitability, and find an innovative solution for challenging dilemmas.

- MECHANICAL MAINTANANCE
- MECHANICAL OPERATIONS AND INSPECTIONS
- PRODUCTION PLANNING
- MECHANICAL MANUFACTURING & ASSEMBLING
- QUALITY CONTROL AND QUALITY ASSURANCE
- PREPARING AND MAINTAINING OF QC DOCUMENTS
- CONSTRUCTION DRAWINGS
- FAMILIAR WITH MATERIAL INSPECTION
- CONSTRUCTION OF MATERIAL STANDARDS
- GOOD KNOWLEDGE IN NON-DESTRUCTIVE TESTING
- FABRICATION OF PIPING, STRUCTURE, PRESSURE VESSELS AND OTHER EQUIPMENTS
- DOCUMENTATION OF HISTORY SHEET AND TEST PACK CLEARING

## ACHIEVEMENTS

- Adroitly **reduced Man hours by 80%** for a job assigned –INDIAN SPACE RESEARCH ORGANISATION
- Coordinated various events** in Government polytechnic collage Ezhukone.
- Held the position of **Editorial board member and designer** of college magazine in Government polytechnic collage Ezhukone.
- Dexterously completed Academic Project: **“TEA WENDING MACHINE”** under Dr.P. Muraleedaran, Principal, GPTC Ezhukone.

## EXPERIENCE

- CNC PROGRAMMER**  
(ZEBIAN ALUMINIUM & GLASS INDUSTRIES IN DUBAI) **2 YEARS (2019-2021)**
  - CNC Programming in Punching Machine and Bodor laser machine for Various designing sheet process**
  - Using CAD / CAM Software, Autocad
  - Thorough Knowledge in G-Code
  - Read Engineering Drawings
  - Maintaining quality & safety standards
  - Documents actions by completing production & quality logs.
- CNC PROGRAMMER**  
(AL ANDALUS METAL FABRICATION IN SAUDI ARABIA ) **2 YEARS (2021-2023)**
  - CNC Programmer and operator in Bodor Laser for sheet and tube cutting machine**

- Quality control Inspection in Metrology lab using 3D CMM, Talyrond, Form Talysurf, Profile Projector, Electronic Height Gauge etc.
- Inspection for polyimide pipelines.
- Inspection for End adaptors.
- Inspection for GSLV/PSLV other components.
- Stage wise Inspection activities like Material Identification, Fit-up, Visual Examination of Welds, offering joints for NDT as per Quality Plan and Final Inspection.
- Verifying and assuring proper identification and inspection is recorded in the Quality Reports
- Preparing and maintaining of QC Documents, related Test certificates and Inspection requests.
- Construction Drawings such as P&ID, Piping Isometrics, Equipment, Structural, GAD.
- Familiar with Material Inspection, dimensional check and documentation as per Construction Materials Standards such as ASTM / ASME
- Thorough knowledge in Welding Standards of ASME Section IX . Familiar with Welding Procedure Qualification, Welder Qualification, P numbers, Selection of Electrodes, Weld Visual Inspection etc.
- Good knowledge in Radiographic Interpretation of weld joints, Ultrasonic Inspection, Magnetic Particle Inspection and Penetrant Test, Reporting and Documentation.
- Fabrication of Piping, Structure, Pressure vessels and other Equipments, documentation of History Sheet, Test Pack Clearing etc
- Confident to handle the construction and quality control activities as specified in the Drawings and applicable standards and specifications.

## EDUCATION

### ■ DIPLOMA IN MECHANICAL ENGINEERING

2009-2012

*Government polytechnic collage, Ezhukone, Kerala, India*

Acquired practical and theoretical knowledge about Mechanical Designs, Production Technology, Gas turbine engines, Piston engines, Thermodynamics, Fluid mechanics, Total quality management, Mechanics, Structural engineering, Machine drawing, Autocad

## TRAINING & CERTIFICATION

- *May 2013 to May 2014:* Training on **PSLV/GSLV launch vehicle components**. In Metrology lab **Quality control inspection and dimensional inspection of launch vehicles**.
- Actively participated in Project **"GSLV (MK II)"** by VIKRAM SARABHAI SPACE CENTRE
- Skilled in **Microsoft excel**
- ASNT Level II Certificate (**PENETRANT TEST, MAGNETIC PARTICLE TEST, RADIOGRAPHIC TEST, ULTRASONIC TEST**)

KEY STRENGTH

- INNOVATIVE
  - QUICK LEARNING
  - THIRST TO LEARN NEW THINGS
- CRITICAL THINKING
  - SMART WORKING
  - TEAMWORK

PERSONAL INFO

- GENDER
  - NATIONALITY
  - MARITAL STATUS
  - DATE OF BIRTH
  - PASSPORT
  - LANGUAGES KNOWN
- : MALE

: INDIAN

: MARRIED

: 25 MAY 1991

: N7480924

: MALAYALAM,ENGLISH,HINDI,ARABIC AND TAMIL