

# RESUME

Name: **Avinash Deepakrao Wangujare**

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Date of Birth: 28/10/1989



## HEAT TREATMENT ENGINEER

**"BACHELOR DEGREE IN METALLURGICAL ENGINEERING WITH 8+ YEARS PRACTICAL WORK EXPERIENCE IN HEAT TREATMENT DEPARTMENT.**

- ❖ **Objective:** To get challenging & responsible position where I can contribute my potential with my utilizing analytical & problem solving abilities for the achieve vision & mission of organization & learnt continuous knowledge.
- ❖ **Core Strengths:** Positive attitude, self-motivated, Decision maker, strong Analytical with a good understanding and ability to add value to any job, System Oriented. Committed team player & encouraging total participation good communication with presentation skill.

### PROFESSIONAL EXPERIENCE AND ACCOMPLISHMENTS:

#### 1. **COMAPNY: NRB Bearings Ltd., ( Location – Jalna` ) –**

(Founded in 1965, NRB was the first company to manufacture needle roller bearings in India. For over 40 years NRB has pioneered the leading edge of bearing technology, and today over 90% of vehicles on Indian roads run on NRB parts. Since its inception, NRB has grown beyond its signature product to offer a wide range of high-precision friction solutions not only in the automotive sector, but across all mobility applications.

**Designation :** Senior Engineer.

**Period :** March 2018 to till date.

#### ➤ **Roles & Responsibilities:**

- Planning and Monitoring of Furnace scheduling, Periodical reporting on Production status of jobs, Inputs for Process Improvement for Minimization of Defects, Reworks and Rejections.
- Practical knowledge of production, quality and trouble shooting of SQF, continuous mesh belt, salt bath, rotary retort furnaces.
- Successfully manage and supervise the team of 20 members.
- Updated process with latest technology, modified equipment and process to increase efficiency and capacity of facility.
- Monitoring daily work plan for all team members and Conduct review meetings.
- Assist in the development of other metallurgical engineers, technicians, and operators.
- Support and enhance cost saving opportunities within department and organization.
- Perform supplier quality systems and process audits and lead Supplier Improvement/Development Programs.
- Heat Treatment control, Record & Updating, Ensuring Internal Documentation As per Norms and & Witnessing of Hardness Testing
- Supervises the lab having Instrument Metallurgical Microscope, Spectrometer, and Micro Vickers Hardness Machine.
- Performed quality checks on product and conducted lab analysis on metal and recommended corrective actions to all customer complaints.
- Maintain list of Equipment's, Calibration reports and Periodical Tracking their Timely Calibration.
- Preparing & Closing of Non Conformance Reports (NCR's), Investigating of Customer Complaints and Non-Conformance Monitoring & Resolution.
- Good knowledge of production/quality development and control methods ;( APQP, PPAP, SPC, MSA, FMEA, Control Plans, OCP etc.)

- Prepare and maintain heat treatment records, documents as per norms of IATF 16949:2016, CQI9 Std.
- Developed new manufacturing practices, processes. And Performed Vendor Supplier Product and Process quality audit.
- Auditing skills, preferably qualified Internal and supplier Quality Auditor.
- Good knowledge of production/quality development and control methods; APQP, PPAP, SPC, APQP, FMEA, Control Plans, etc.)
- Knowledge about IS & ASTM Standards.
- Successfully conduct testing of bearing parts for gravimetric and Millipore testing.
- Making Failure analysis & Benchmarking reports.

## **2. COMAPNY: Varroc Engineering Pvt. Ltd. ( Location – AURANGABAD ) –**

(Varroc is a global automotive component manufacturer and supplier of exterior lighting systems, power trains, electrical and electronics, body and chassis parts to passenger car and motorcycle segments worldwide. The company was founded by Tarang Jain in 1990 and is currently headquartered at Aurangabad in Maharashtra, India with 35 manufacturing facilities and 11 engineering centers in 10 countries across three continents.

**Designation** : Senior Engineer.

**Period** : November 2017 to February 2018

### ➤ **Roles & Responsibilities:**

- Planning of 6 shield quench furnace production and furnace scheduling.
- Giving inputs for process improvements for minimization of defects, rework and rejections.
- Ensure that heat treatment parts should be in required limit for all metallurgical parameters like hardness, case depth, microstructure etc.
- Inward material inspection, Metallurgical inspection/ Final inspection / Daily inspection review/ report generation
- Witnessing and monitoring the heat treatment process as per approved standard.
- Taking preventive action for the breakdowns of furnaces if nay occurs.
- Monitoring daily work plan for all team members and conduct review meetings.
- Maintain list of equipment's, Calibration reports and periodical tracking their timely calibration.
- Prepare and maintain heat treatment records, documents as per norms.
- Maintain heat treatment consumables, documents and Quality records.

## **3. COMAPNY: L.G.BALKRISHNAN & BROS LTD, ( Location – AURANGABAD ) –**

(It is A Automobile Company Manufacturing Chain, Front Sprocket & Rear Sprocket, Timing Chain of Vehicles. having a turnover of over 3.5 billion TS16949, ISO 14001 certified company. LGB Has Become the First Indian Company to supply Timing Chain to Vehicles.

**Designation** : Heat treatment Engineer.

**Period** : May 2015 to September 2017

### ➤ **Roles & Responsibilities:**

- Read production schedules and work orders to determine processing sequences, furnace temperatures, and heat cycle requirements for objects to be heat-treated.
- Record times that parts are removed from furnaces to document that objects have attained specified temperatures for specified times.
- Remove parts from furnaces after specified times, and air dry or cool parts in water, oil brine, or other baths.
- Adjust controls to maintain temperatures and heating times, using thermal instruments and charts.
- Issued and implemented Process Routing Instructions, Standard Procedure and work instructions.
- Maintain 5s in the working area and also maintain the house keeping.
- Successfully handle line of shield quench furnace & endogas generators.
- Making the process validation for heat treatment process.
- Controlling & Monitoring the Heat treatment process like Carbonitriding, Tempering, and Stress relieving.
- Maintaining Heat treatment Consumables, Documents & Data Control with Quality records.
- Operating Knowledge of Rockwell Hardness Testing Machine, Micro Vickers Hardness Machine, & Metallurgical microscope.

#### 4. COMPANY: POLLAD STEEL PVT. LTD (Location – JALNA) -

Pollad Steel is the Leading Company Manufacturing Construction Bars and Shafts and alloys.

**Designation : Asst. Engineer.**

**Period : May20013 to May 20015 & - (2 Years)**

##### ➤ Roles & Responsibilities:

- Responsible for daily production as well as Quality of the products.
- Performed micro structural analysis and testing of physical an Mechanical properties of materials.
- Maintaining Heat treatment Consumables, Documents & Data Control with Quality records.
- Responsible for Production of Four Malting Induction Furnaces and raw material checking & Inspection.
- Making Failure analysis & Benchmarking reports.
- Monthly Production Data, Monthly Breakdown Report.
- Inspection of Raw material.

##### ❖ Industrial tools & Trainings Attended :

- ❖ Successfully completed CQI-9 4<sup>th</sup> edition training.
- ❖ Represented company at national and state level competition
- ❖ Well Knowledge of IATF 16949:2016, CQI9, 5S & KAIZEN.
- ❖ Industrial Hydraulics & pneumatics system.
- ❖ MS-Office Excel, word, Power Point, Computer Fundamental.
- ❖ Knowledge of SAP and ERP systems.

##### ❖ Skills:

- ❖ Leadership skills.
- ❖ Time management.
- ❖ Remarkable Leadership
- ❖ Good communication skills.
- ❖ Positive attitude & Soft skill.
- ❖ Presentation skill.

##### ❖ Educational Qualifications:

| YEAR | EDUCATION                                 | INSTITUTION                    | PERCENTILE & GRADES |
|------|-------------------------------------------|--------------------------------|---------------------|
| 2021 | B.E. in Metallurgical engineering         | Vishweshwar National Institute | A Grade             |
| 2012 | B.E. in Mechanical Mechanical Engineering | MSS Collage of Engineering.    | 63.13%              |
| 2007 | H.S.C                                     | A'BAD BOARD                    | 49.33%              |
| 2005 | S.S.C                                     | A'BAD BOARD                    | 52.80%              |

**PERSONAL PROFILE:**

Name : Avinash Deepakrao Wangujare

Father's Name : Deepak Vasantao Wangujare

Sex : Male.

Date of Birth : 28-10-1989

Languages known : English, Hindi, Marathi.

Marital Status : Married.

State : Maharashtra.

Nationality : Indian.

Hobbies : Plying Cricket, Singing Songs.

Strength : Ability to build and maintain excellent relationships.

Verbal and communication skills. Self-Motivated and Self-Starter.

Sincere with Hard and Smart Worker.

Permanent Address : c/o Mr. Avinash Deepakrao Wangujare  
House no. I-5, behind kasturi aqua, Chaudhary nagar, mantha road, Jalna  
431 203

**Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Place:**

You're sincerely,  
**Avinash D. Wangujare.**