#### E:\Resume\Narasimha_new PP.jpgNARASIMHA.BHAT

3-90/2, Perla Compound

Behind White Rose Complex

Kannur Post, Mangalore-575007

Karnataka State, India

**Contact no. :** +91-**7043218076, 9964280800**

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#### Technical Qualification

Bachelor of Mechanical Engineering

#### Career Objectives

Soliciting a position in an organization, where I can render and bestow my skills and abilities, being innovative, committed and thus work for organizational growth and for my personal perspective.

#### Skill Sets

* Engineering, Maintenance, Overhauling and Troubleshooting of rotary and reciprocating equipment’s (Compressors, Turbines, Pumps, Expander, Blowers) and its auxiliary systems like lube oil and seal gas.
* Work background in Refinery and Petrochemical.
* Projects, Commissioning, Turnarounds, Condition monitoring and Lubricant management experience.
* Knowledge of MS Projects, Excel, CMMS like SAP, Meridium, Aspen IP21, LIMS.
* Reliability techniques like RCM methodology, FMEA, RCA
* Knowledge of International standards including API, ASME, ISO.
* Vibration analysis with hands on experience over SKF, Emerson analyzer and Bentley Nevada System1
* Excellent communication skills, Effective multitasking and ability to deliver on time and with quality
* A motivated self-starter, team player, work with minimal supervision and possess problem solving skills.
* Good customer handling ability and maintaining good professional relationship with customers
* Strong, positive attitude towards Quality, Health, Safety and Environmental management.

#### Experience

**Reliance Industries Limited from 13th November’2014 to till date**

Posted at Reliance Jamnagar Refinery in C2 Cracker complex “Rotary and Reliability” department.

Designation: Senior Engineer - Reliability and Rotating Equipment (Central Engineering Services)

**Roles and Responsibilities:**

Presently, working as “Lead Rotary Reliability Engineer” for Cracker complex, responsible for Projects (Installation & commissioning of equipment), Maintenance (Inspection, Troubleshooting and Overhauls), Reliability (Sustainability & improvement) and Condition monitoring of new and existing rotary equipment’s.

My responsibilities includes:

* Responsible for maintaining and driving reliability of all rotary equipment’s.
* Accountable for develop and implementation of reliability techniques like Preventive and predictive maintenance, condition monitoring with vibration analysis and lube oil analysis, RCA, RCM, FMEA.
* Monitoring machine parameter trends and equipment performance.
* Planning/ scheduling and supervision for maintenance/ overhauling of equipment's.
* Vibration analysis for rotary equipment's and recommend necessary corrective actions.
* Identify the bad actors and develop mitigation plan to maximize operational availability of equipment and reduce machine breakdown.
* Review defects in rotary check sheet for PM jobs and recommend required actions.
* Single point contact for lubricant related issues for entire cracker complex.
* Spares identification for equipment overhauling and to maintain optimum spare inventory.
* Implement standardized maintenance best practices throughout all facilities to improve reliability.
* Review Standard Maintenance Procedures (SMP) and equipment Standard Operating Procedure (SOP).
* Participate in technical review, incident investigation, risk assessments such as HAZOP, PHA’s.
* Overall lead for rotary equipment maintenance during plant turnarounds and shutdown.
* To provide technical advice on the rotating equipment to various cross functional departments, projects and training departments.
* Technical discussions with OEM for design related issues and future improvements and advancements.
* Prepare, Validate repair plan, Preservation for equipment's and spares.
* Root cause analysis (RCA) for repetitive & premature failures.
* Preparation of QAP (Quality Plan) for critical rotors/spares for repair.
* Delivering technical training on rotary equipment’s for GETs and cross functional departments.

**Previous Projects/ Task undertaken in RIL:**

* Technical review of vendor documents of J3 project as per RIL specification.
* Review the equipment controlled document like Data Sheet, P&ID, Cause & Effect diagrams.
* Responsible for Erection, As-built audits, System completion, Pre-commissioning and Commissioning rotary equipment in MEG and ASU plant
* Participate in FAT (Factory Acceptance Test) and Site Acceptance Test (SAT)
* Lubrication standardization to optimization the lube oil inventory for entire complex
* Single point contact for Mechanical seal procurement and optimization inventory for J3 project.

**Previous Employment:**

**SKF Bearings India from 01st April’13 – 31st October’14**

Designation: Reliability Engineer

**Roles and Responsibilities**:

* Assist customers to optimize their plant assets through various Predictive maintenance techniques.
* Conduct vibration spectrum analysis and thermography of rotary equipment’s at client location.
* Assist customers in Dynamic Balancing, Shaft and Belt Pulley alignment.
* Technical Interaction with clients over their pain areas and recommend actions to improve machine up time and reduce breakdown.
* Conduct Root Cause Failure Analysis (RCFA) over the failed bearings.
* Technical presentations at customer location and create awareness about our various product offerings.
* Ensuring a high level of customer support and on-time delivery performance.
* Attain Kick off meeting prior to contract finalization.
* Preparation of AMC contract and site inspection to understand the customer requirement.
* Coordinate with IPS dealers and solve customer issues.
* Preparation of technical documents case study.

**ONGC-Mangalore Refinery and Petrochemicals Limited (ONGC-MRPL) From 25th July’11 to 30st March’13**

Started as a Graduate Apprentice Trainee (GAT) in Mechanical Maintenance dept. for one year and then continued on contract from 1st August’12 through M/s Power Net Distribution Solutions as a Mechanical Maintenance Engineer, continuing with the same previous role.

**Roles and Responsibilities:**

**Projects, Critical Rotary and Condition Monitoring Experience:**

* In Phase-III project was responsible for taking pre-commissioning and commissioning of Hydrogen Generation Unit witnessing P&ID and isometrics loop check, witnessing hydro test, PSV testing, lube oil flushing, motor solo runs and machine interlock checks.
* In Phase-1 cooling tower Revamp project was responsible for commissioning of Turbine driven Cooling water Pump. Job profile includes planning, scheduling, execution and technical advice.
* Overhauling of Power plant Condensing turbine, SKODA make, 13 stage, 26.5MW design capacity. This involves complete disassembly and servicing of each component, rotor replacement with spare rotor.
* Vibration Analysis of field readings using SKF & Omni trend condition monitoring software.
* Carried out ODS analysis to determine structural vibration of the equipment.
* Conducting oil patch test as part of wear debris analysis.
* Air Flow measurements, Fin Fan performance and Steam traps monitoring.
* Analyze problem related to pump seal failure and conduct failure analysis on same.

**Academic Qualification**

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| --- | --- | --- | --- | --- | --- |
| **Course** | **Institute** | **University/Board** | **Year of Passing** | **Percentage/ CGPA** | **Class** |
| B.E | NMAM Institute of Technology , Nitte | V.T.U  Belgaum | 2011 | 8.94  (Out of 10) | First class with  Distinction (Topper of final academic year) |
| 2nd Year P.U.C. | St Aloysius  P.U. College, Mangalore | Karnataka  Pre-University  Board | 2007 | 87.66 % | First class with  Distinction |
| S.S.L.C. | Milagres High School, Mangalore | Karnataka Secondary Education Examination Board | 2005 | 88.64 % | First class with  Distinction |

#### Training and Certification attended

* Vibration Analysis Category Level-II Certified Vibration Analyst from M/s Emerson Process management.
* “Advanced Machinery Lubrication” Training from Noria Corporation, USA.
* Linde Air Separation Unit Plant Maintenance training at Linde Munich Unit, Germany.
* “SKF CMP Inspector” certification being a Certified Maintenance Reliability Engineer.
* GE Gas Turbine Maintenance training from GE, India.
* FMEA and RCM for implementation in Meridium at RIL in-house learning center.
* Six Sigma Green Belt certification from PM Institute through Lynda

#### Linguistic Proficiency

English, Hindi, Kannada, Konkani, Tulu

#### Extra-Curricular Activities/ Awards:

* Passed ‘Bachelor of Music’ from Akhil Bharatiya Gandharva Maha Vidhyalaya, Mumbai with First class.
* Being Tabla Artist performed TV shows and ALL INDIA RADIO (AIR) recordings.
* ‘Excellent Performer’ employee in “Reliance Industries Limited”
* Active core team member of ‘Greens Photography Club’ & Reliance Sports and Cultural Committee
* Won 1st place in Catia Design competition in “TECH NIDHARSAN”, a National level technical fest.
* “Best Instrumentalist Award” in Tabla from Kala Sangam (Mangalore Musical & Cultural Association).
* Playing Musical Instruments, Photography, Sports.

**Personal Details:**

* Nationality : Indian
* Date of Birth : 18/08/1989
* Indian Passport No. : T6513901 (validity till 24/06/2029)

**Reference:**

Mr. Nandkumar Gurav

Senior Manager

Reliance Industries Limited

e-mail: [Nandkumar.k.gurav@ril.com](mailto:Nandkumar.k.gurav@ril.com)

Ph: 7043349903

#### DECLARATION

I confirm that the particulars mentioned above are true and are correct to the best of my knowledge

PLACE: Mangalore

DATE: 15-07-2019 [NARASIMHA.BHAT]