**RAKESH BEKKAM**

**Mobile:** +91 9000180180

**E-mail:** raaki.world@gmail.com

***Seeking assignments - Job in QA/SQA/QMS/ Operations/ Non Destructive inspections/ Special process/Supervisions/Welding’s/ Aerospace – Composites /Aero structures/Wind / Fabrications/SUBSEA/EPC / with and organization of repute preferably.***

**PROFESSIONAL SUMMARY**

* A result-oriented with above **8 + years** of experience in Maintain QA/QC Operations, Quality Assurance & Nondestructive Testing of materials.
* Experience in **QA/SQA/QMS /Non Destructive Testing** of a wide spectrum of equipment’s and components. Adept at preventive and breakdown maintenance and valuated operations to improve the productivity.
* Extensive experience in implement the procedure in **NDT ( EN4179/NAS410 ) AND ASNT – PT, MT, UT, RT, ET and Special process - Surface treatments, Composites, Weld inspections (SMAW/GTAW) General and Aviation/Aerospace** to improve the productivity and evaluate the defect types using **AMS, EN, NAS STANDARD PERSONALS, ASTM, SNT-TC-1A, DIN, MILL STANDARDS**.
* Ensuring compliance to quality standards & maintaining all NDT related documents and **GAP Analysis, Supplier** **audits** in **AEROSPACE /AEROSTRUCTURES / SOFTWARE ANALYSIS.**
* Effective communicator with assertive and strong leadership qualities and analytical.

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**EMPLOYMENT SCAN**

**JUL 16 – TILL DATE as NDT / QA Engineer in Manufacturing Global Technical Service Team.**

**VESTAS WIND TECHNOLOGIES LTD**

**Location :** Chennai

**Role :** Sr. Engineer in QA/QMS (**NDT/NDE Inspections)**

NDT/NDE Sr. Engineer (Inspector – EN4179/ NAS 410-Level-II & ASNT Level-II)

**Tenure :** July -2016 to till date.

* Working active member in Global Technical Service team.
* Evaluate Ultrasonic testing reports for composites.
* Using **SAP** as main Tool/ Application with **– MM, PP, QA, ME** Etc. module for operations to check data analysis.
* Filing customer complaints and conducting internal and external auditing.
* Preparation & review of Tech transfer Protocol and Report.
* Ability to handle analytical method, cleaning and process validations.
* Handling of product complaints and providing **CAPA** for the same using QDA NC Live internal application which has inbuilt for US Live production Support/ Update.
* Assist in Internal and External Quality Systems Audits and the **CAPA i**mplementation.
* Vendor evaluation and qualification for starting materials and raw materials.
* Preparation of Annual Product Review **(APR).**
* Co-ordinate with Production, QC, warehouse and Maintenance regarding non-conformance & corrective action for the same
* Responsible, operate with integrity and team work.
* Learning attitude and logical approach.
* Computer literacy skills in programs that applicable to role, solid written and verbal communication skills.
* Ability to independently define problems, collect data, establish facts and draw conclusions.
* Implement the inspection procedures as per the customer’s requirement according to the standards.
* Report to the projects office with the status and maintaining MOM’s for the conducted meetings.
* Trained in **USA (COLORADO)** for the 3 months at Global Wind Turbine Blades and Towers Manufacturing locations to get involved in training, Manufacturing, QA and Safety, Live global support etc.
* Scope was added in to the other areas like SCM purchasing for the department and making the plans for cost cutting and submitting to the management in Project management program.
* Motivating team to reach the management targets and invent some new tracks to reach targets easily.
* Using internal software’s like, VET, PS4, and OMNISCAN to live support around globally like **USA, GERMANY,** **DENMARK and CHINA.**
* Check the all NDT Reports and Welding reports.
* SQA Audits conducting with the updated check list according to National International standards.
* Conducting soft skill training for the team in the part of management training plan like team managements, Email tips, Time management etc.
* Preparing procedures internally and getting approval from the customers and global offices to standardize the day to day activities throughout group family.
* Reporting to the management with weekly report, **5S, Incident management, Safety audits, KAIZEN**, Team strengths and capabilities etc.

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**EMPLOYMENT SCAN**

**DEC 11 – JUL 16 as Executive - QA / NDT**

**TATA Advanced Systems Limited.**

**Client :** **SIKORSKY HELICOPTERS (S-92) (UTC TECHNOLOGIES**), **Boeing, Cobham,**

**RUAG, PILATUS, GE, HAL LCA ROLLS ROYCE, DRDO Etc.**

**Supplier** : MHI Industries – JAPAN & TATA SIKORSKY AEROSPACE LIMITED (TARA), Hyderabad

And others from GLOBAL

**Plant :** Hyderabad

**Role :** Executive in QA (**NDT/NDE Inspections**),

NDT/NDE Engineer (Inspector – EN4179/ NAS 410-Level-II & ASNT Level-II)

**Tenure :** Dec -2011to July - 2016

***≈*** Involving in all NDT methods (Fluorescent penetrant inspection / Eddy Current Inspection, UT, RT, MPT and X-ray).

≈ Make the non- conformance reports and inspection reports.

***≈ supporting inspection for Surface treatments, HT, Metallurgical lab for Hardness and conductivity, Weld inspections.***

***≈*** Received /Passed certification in NDT as per NAS 410 and Performing **Non Destructive Inspection (Eddy current testing, PT – Fluorescent, Training MPT )**  
***≈*** Evaluate the metal job surfaces which are using aerospace /aero structures industries  
***≈*** Evaluate the inspection procedures and giving the results as per customer specifications and company procedures.   
***≈*** Doing daily checks and updating all the revisions to customer which we are doing changes in our procedure.  
***≈*** performing the system cleanliness as per Specification and checking all the system before going to do inspection on

Job.  
***≈*** discussing with reporting managers and level-III as per the specifications  
***≈*** having capability to take own decisions on critical situation and solve the problems as per the specs and make sure it won’t effect to the Company for the customer.  
***≈*** Implementing the procedures which we are following daily and making easily to perform the inspection as per the

Process.  
***≈*** doing hard work without any time limits and finally we are satisfying the customer with superior Quality.

***≈*** Developing NDT System on PT and ET and other Methods.

***≈*** Interpret and evaluate NDT indications.

***≈*** *Witnessing of* ***UT on Composites in A Scan and honey comb structures****, Verifying test certificates to accordance with Customer specifications.*

***≈*** Writing process procedures and submitting to responsible Level- III.

***≈ F****ollowed* ***NADCAP Audits in PT and MPT with PRI Check lists (AC7114/1, /2. /etc... And AS9100 Audits.***

***≈ Followed special process activities like Surface coatings, passivation’s, Chemical milling,HT and etc.***

≈ receiving materials inspection

≈ Working and establishing all NDT Methods like  **PT - Fluorescent, MPT Dry and Fluorescent and Eddy Current Testing, UT** for all new projects under TATA aerospace group like ***RUAG Aviation, COBHAM, PILATUS, DRDL (LRSAM Project), PILATUS PC-12,FLIGHT REFUELLING LIMITED, COBHAM,ROLLS-ROYS,HAL LCA, BOEING – CH47, AH6i, ULB 777 and AH64 etc and other GE* was in under process.**.

***≈*** doing incoming material inspection as supporting basis in QA and checking materiel testing certificates, COC's, pick tickets.  
***≈*** doing visual inspection on receiving materials as per the standards like AME, ASTM, and MILL etc.

***≈* Using SAP Application to load and verify the documents with modules or MM. ME. QA, PP Etc.**

***≈* Implementing processes in SAP for the applicable processes**   
***≈*** evaluate the visual defects and making NC's and sending to MRB for rework/reject disposition.

***≈*** Playing role in R&D support to implement the procedures along with the superiors. And I interested to play the role in it.

***≈*** *Got Awarded 2 times ‘’Best employee of the company’’.*

***≈*** Facing the FAA, ACE audits and complete the audit report in time.

***≈ SQA Roles: -***  *Conform the parts from the starting stage to till dispatch, raise non-conformance, Doing* ***GAP Analysis*** *of procedures and specification, snag tags, process implementation, check the part numbers as per the drawings and part discrepancies etc.*

***≈*** *Working knowledge for 5S, KAIZEN, Making CAPA (Corrective action and preventive action) etc*

**NEW PROJECTS UNDER TATA ADVANCED SYSTEMS LIMITED**

**Project: DRDL- LRSAM (LONG RANGE SURFACE TO AIR MISSILE)**

* Established complete NDT Setup and performing inspections for PT, MPT (Fluorescent) and RT.
* Preparing Techniques and check the parameters for RT film Radiography.
* Manage and monitor entire NDT Facility and In Process Inspection witnessed by MSQAA.
* Performing NDT Inspections under **MSQAA ( Missile Supplier Quality Assurance Agency)**
* Writing procedure as per DRDL- LRSAM QAP’s and taking approvals of them.
* Establishing / changing all inspection report formats and approving by the Prime.
* Analyze Material failure for servicing and manufacturing parts.
* Witnessing the Ultrasonic Testing, calibration vertical + horizontal resolution, Angle and TR probe scanning IN Pulse echo method and through transmission Etc.
* Prepare calibration procedure for NDT Instruments and following as per the tracker.
* Participating audits like SAKSHAM, and 5S Etc. and External Audits by **DRDL**.
* Supporting and witnessing, approving RT Methods and playing role as a supplier representative with DRDL NDT Department.

**Project: COBHAM – (Flight Refueling Limited)**

* Writing internal procedures and complying with Cobham Specification.
* Study of fusibility of NDT Study and checking the capabilities of organization and making gap analysis.
* Trained and qualified as per Cobham specification.
* **PT (DS 18.52),** **RT (DS 18.50)** and **MPT (DS 18.50)** procedures approved by customer.
* Trained and examination completed as per NAS 410 with **Cobham (CCP08/02/08).**
* Preparing procedure for to perform the inspection easily with customer approval.
* Working with Corporate Quality systems for all the projects.

**Project: BOEING (UPLOG BOX)**

* Writing internal procedures and complying with Boeing Specification.
* Trained as per Cobham specification.
* PT **(BSS7039, BAC 5423, HP6-13**) procedures approved by customer.
* ET **( Eddy current as per HP6-53 )**
* Trained and examination completed as per NAS 410 with Boeing (As per NAS 410).

**Other Projects under TASL Group:**

* **PILATUS Project (SWISS)** finalized between TASL and PILATUS o built PC-12 Aero structures.
* Performing the inspection in FPI and EDDY CURRENT TESTING with customer approvals for personals.
* Writing procedure as per customer requirements – PILATUS – SWISS.
* Coordinating with customer on NC’s and other related with quality aspects.
* **RUAG – DORNIER 228 Project** finalized and updated procedures and approved by the customers and performing in inspection at details parts and assembly stage.
* **ROLLS ROYCE -** Engine parts for manufacturing and testing’s –
* FPI and MPI Performing for rolls Royce engine parts like rollers, bushes etc.
* Also have the projects finalized like **Good rich, Airbus Etc.**
* **BOEING CH-47 and AH-6i** - Performing NDT testing’s like FPI and MPI on the assembly sections and maintaining log, attending audits, customer buy off in FAI Stage etc.
* **HAL LCA FLIGHT =** Doing GAP Analysis of the procedure and Defense specifications to the capability of TASL strength, and estimating BDM Quality things like Man-hours, Costing of equipment and setup for *UT – A-scan for Composites and machine setting and standards* and other NDT Methods etc.

**Special process area.**

1. **Have Welding inspection knowledge for TIG, MIG and arc welding processes and controls according to aerospace requirements in preparing WPS, PQR and Welding check list etc.**
2. **Heat treatment knowledge on Solution HT and Aging and temper conditions. ( AMS2770)**
3. **Surface treatments like passivation’s, Nitrading, Mos2 coating etc.**
4. **Primer and paint applications.**
5. **Hardness and conductivity and its covered in Eddy current testing.**

**Achievement:**

Awarded 2 times as a Star of the Month from NDT Department across the TASL Group.

* + - **ECT –** Eddy current testing qualified on **Sikorsky, Lockheed martin, Boeing Specifications, PILATUS from NDT Consultants, UK.**
    - **FPI -** Fluorescent penetrant testing qualified of **Sikorsky, Lockheed martin, Boeing, PILATUS, RUAG specifications from NDT Consultants, UK.**
    - **Giving trainings to new joiners in the awareness program in Quality , NDT, Special processes areas.**

**JULY 11 – DEC-11 as a Third party inspector**

**TUV Rheinland India limited.**

**Client :** **HAFNER steam boilers India ltd**

**Plant :** Hyderabad

**Role :** inspector (NDT & Mechanical)

**Tenure :** July 11 – Dec 11

≈ Am undertaken all NDT methods IN whatever am doing project.

≈ Review the documents related to the project like – material certificates, testing certificates, calibration certificates

≈ witnessed for the hydrostatic testing’s, all NDT testing’s and destructive testing’s (mechanical testing’s)

≈ witnessed all the inspection like visual inspection, weld inspections and stamping the procedures.

≈ Witnessed Ultrasonic Testing or Weld joints, Plates, Cladding plates etc.

≈ updating daily record sheets, procedures to office.

**≈ Follow up with Wind energy, Renewable energy sector s for Third party inspections for testing, installation, documentation etc. in some companies like Axis energy, Enercon , Surya chakra etc.**

**June 10 – JUNE -11 Qa QC Engineer,**

**VANI ENTERPRISES, Hyderabad**

**Client :** Larsen&Toubro ltd

**Plant :** Hyderabad

**Role :** QC Engineer (Mechanical)

**Tenure :** JUNE 10 – JUNE -11.

* Rectifying the cracks formed in the mill body.

≈ Submission of the job details at the end of the shutdown. And I have taken NDT responsibilities in Q.C.

≈ Performing NDI Inspections on Weld joints like Ultrasonic testing, Magnetic particle testing, and penetrant testing.

* Proactively identifying areas of obstruction/breakdowns and taking steps to rectify the equipment’s through application of trouble shooting tools.
* Ensuring adherence to quality standards and maintaining all related documents.
* Done Ultrasonic Testing for Raw mill Seat Bridge and rollers in cement plants.
* Identifying areas of quality failures and taking steps to rectify the system.
* Practicing quality standards with key emphasis on improving quality.

**Oct ’09 – Nov ’09 Qa INSPECTION Engineer,**

**P.S. (SAI) metallurgical& NDT services, Hyderabad**

***Key Shut Down Projects Handled:***

**Client :** **Loesche, India**

**Plant :** Ultra Tech cements Limited,

**Role :** Site Engineer (Mechanical)

**Tenure :** Jan 10 – Feb 10 date.

***Role:***

* Inspection of the welding with ultrasonic inspection done for the Raw Mill Support Sleeves Replaced in cement plant.
* Arranging the work schedule for the day and worked as a NDT Inspector as a site in charge.
* Documentation of the job work completed.
* Clearing the irregularities in welding previously done and rectifying it.
* Rectifying the cracks formed in the mill body.

≈ Submission of the job details at the end of the shutdown. And I have taken NDT responsibilities in Q.C.

≈ Performing NDI Inspections on Weld joints like Ultrasonic testing, Magnetic particle testing, and penetrant testing.

≈ Evaluating the results at site place itself in front of the customer and solving the problems and try to avoid the

Affect the problems to the productivity.

≈ Reporting the daily schedule to main office and communicating each and every process through the internet and

In phone line.

≈ Reacting immediately in emergency situations and completed successfully completed with 50 members

Manpower (welders, grinder’s painters etc.)

≈ finally act as a NDT Inspector and as well as Shift in charge.

And also we have under taken Ultrasonic Testing (Weld deposit on end of the valve) services for RANE ENGINE VALVES LMITED, Hyderabad

**Oct ’09 – Nov ’09 Qa INSPECTION Engineer,**

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**PROJECTS UNDER PS (SAI) Metallurgical & NDT Services**

**Aug’08 – Sep” 08 as NDT technician**

**In P.S. (SAI) metallurgical& NDT services.**

**Client : Siemens Germany**

**Plant : TATA steel plant**

**Role : NDT technician**

**Tenure : Aug 08- Sep 08**

**≈** Make the Planning’s to do NDT testing methods as per the standards, and with safety.

≈ identifying areas of quality failures and taking steps to rectify the system

***≈*** *Solutions for* rectifying the cracks formed in the job

***≈*** I did magnetic particle testing (Prod Type) behalf of Siemens India limited at TATA steels ltd, TATANAGAR.

≈ identifying the sub surfaces cracks and offering to the rework as per the customer requirement in presence of

Customer.

≈ Attended five days program in Magnetic Particle Inspection at TATA Nagar behalf of Siemens engineering.

**June 08 – June 10 Inspections /Metallurgical Engineer**

**P.S. (SAI) metallurgical& NDT services, Hyderabad**

***Role:***

* Planning Non-destructive testing work daily and giving updates to the company.
* Ensuring adherence to quality and NDT standards and maintaining all related documents.
* Identifying areas of quality failures and taking steps to rectify the system.
* Practicing quality standards with key emphasis on improving quality.
* Handling quality assurance activities, audits, feedback improvements etc.
* Performed NDT Testing’s like FPI , UT ( Angle probe , TR Probe and plates inspection)
* Conducting supplier audits, supplier development management review, meetings.

≈ As a NDT technician, I was taken so many non-destructive testing projects.

≈ conducting the NDT inspections as per ASTM, ASME, DIN, MILL, NAS etc.

**PROFESSIONAL CERTIFICATIONS**

* **Level II Certified in the following Methods as per NAS 410/ EN 4179 : ( By NDT CONSULTANTS – UK)**
* **Penetrant testing ( Fluorescent )**
* **Magnetic Particle Testing (Training at NDT Consultants)**
* **Eddy Current Inspection**
* **Level II Certified in the following Methods as per *ASNT - SNT - TC - 1A*: ASNT Level-II**
* **Radiography Test**
* **Penetrant Test ( Dye and Fluorescent )**
* **Ultrasonic Test**
* **Magnetic Particle Test ( Dry and Wet Method )**

**EDUCATION DETAILS**

**Diploma (Metallurgical Egg.)** Govt .Polytechnic, Kothagudem

**Graduation from XIMS Management studies, Bangalore.**

**STUDENT MEMBER IN Indian Institute of Metals – Kolkata. (ST- 50910) Part-I (GPA 8.0)**

**ASSOCIATE PROFESSIONAL MEMBER IN Indian Institute of Welding (HYD/APM/R-11621)**

**IT SKILLS**

* Windows Xp, Microsoft Office, **ERP-SAP MODULES**, INFORXA , QDA

**PERSONAL DETAILS**

Date of Birth : 17th June 1988

Present Address :3-102, Penimilla (v), Uppununthala (m), Mahaboobnagar (d),

Telangana State, India.

Passport No. : L4701702

VISA : B1/B2 Visiting Visa (10 Years Validity)

Languages Known : English, Telugu, Hindi, and TAMIL and Kannada

Gender : Male, Indian (No disability and fit for work)

(RAKESH B)