



## Mahek J Shah

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### **Sub: Application for the Post “ Manager Mechanical eng QA/QC ”**

I am writing to express my interest in securing a Mechanical Eng Position with your firm, in response to your job posting. I am currently employed as an Asst. Manager Quality Control/Quality Assurance at Larsen & Toubro Ltd. is a technology, engineering, construction and manufacturing company.

I come to you with a solid understanding of the Inspection related activities of MEP works. Reporting directly to the Project Manager at Larsen & Toubro Ltd., I worked closely with the Testing and commissioning of Fire protection system, HVAC system, Fire alarm system and Structure related activity. According to the above experience I went for inspection in other Companies as well as welder qualification. My work required me to interface with key actor in every department of the company to meet deadline-oriented deliverables.

At this stage in my career, I am ready to make the leap to QC Engineering. My background working as Construction & Contracts Division & Manufacturing Company provided me with an insightful perspective on problems that companies encounter in their day to day operations. I ask for the opportunity to translate that experience into business solutions for your customers.

In that regard, I would appreciate the opportunity to meet with you to discuss my qualifications and the possibility of joining your organization. Please find enclosed my Curriculum Vitae for your review. I look forward to hearing from you.

**Yours Truly,**

**Mahek Shah**

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## ASST. CONSTRUCTION MANAGER QA/QC

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To work in an atmosphere that will give me opportunities to learn more and to apply my knowledge to build my own diverse experience base; an atmosphere that constantly inspires me and to grow with the organization that takes pride in values & practices.

### KEY STRENGTHS AND SKILLS

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- Proven leadership abilities and administrative skills.
- Accurate Documentation, Good Communication Skills, Quick Adjustability, Working within tight deadlines.....
- Attention to details and ability to stay focused.

### PROFESSIONAL EXPERIENCE

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- Total Experience is 10 years.

#### **Assistant Construction Manager**

Company 3- Larsen & Toubro Ltd (ECC Division), 11<sup>th</sup> May 2010- Present

- Identify the all risk associated with Quality during project planning and execution of work and Providing expertization for quality requirement and implementation.
- Implementation of project quality plan, study of project specification and discuss the quality related issues with management.
- Preparing of all monthly documents, Identify the best practices during the execution work, monitoring of product quality rating at every month.
- Responsible for Fire Protection system, HVAC system, Fire alarm system with installation & Commissioning.
- Reasponsible for Building management system of Fire alarm System, HVAC system & Fire protection system.
- Responsible for air balancing of ducting system, Primery, main & Jockey pump logic settings with flow switches & alarm valve for Fire protection system.
- Responsible for vendor site Inspection of pressure vessels, pipes as per IS 1239 & IS 3589, Diesel generator at 0.8 power.
- Inspection, Mechanical & Instrument items with testing in-house like Pump (Centrifugal horizontal & Plunger, Dosing), Press. Gauge, Press. Switch, Flow Meter).
- Inspection of Upvc, Pvc pipe as per IS 4985, Is 13592, copper strip, cable, conduits etc.
- Responsible for NDT testing of welded pipe joints by LP test, RT test.
- Inspection of Panel (Dimensional check, IR test, HV test 2.5 KV for 1 min, Operational & Fuctional test without load) at manufacturing location.
- Responsible for all method statements, product data sheet approval, ITP/QAP review & check list review.

#### **Major achievement:**

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- Within period of 1 year I got promotion from Sr. Engineer to Ass. Manager and after 3 years Asst. Manager to Asst. construction manager.
- Achive the best Quality management certification in over all organization and internal auditor.
- Achive the Best quality site award in organization.
- Attened the LRQA audit without any non conformity.
- Got appreciation certificate form BOEING for excellence in MEP works.

- Got appreciation certificate from FORD for closing of snag points & hand over the project.

#### **Project Completed:**

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- Electrical Business Group Factory, Vadodara
- Knowledge city phase II project, Vadodara
- Ford Automobile factory, Ahmedabad
- Air force missile storage room, Jodhpur
- C-17 hindon air force project, Ghaziabad ( On going)

#### **Sr.QC Engineer**

**Company-2-Permionics Memberanes Pvt Ltd, Vadodara. 25<sup>th</sup> March 2008-30<sup>th</sup> April 2010**

- Inward inspection of Materials and Review of Material Test reports as per ASME code requirements and project specification (Plate, pipe, Nut, Bolts etc.)
- Preparation of Receipt Inspection Reports for the Raw materials.
- All stages of inspection report and the same cleared from TPIA.
- Incoming inspection, Mechanical & Instrument items with testing in-house like Pump (Centrifugal horizontal & Plunger, Dosing), Press. Gauge, Press. Switch, Flow Meter).
- Inspection of all piping components like elbows, tees, valves as per ASME code.
- Checking of piping drawings, isometrics, support drawings.
- Preparation of materials requisitions/technical bid analysis.
- Dimensional check up of labor job items as per drawing.
- In process inspection of plants according to P&ID & Specification.
- In process inspection like dimensional check, set up check, welding joint check & all welding joints, hydro test, Mock test and DFT check.
- Vendor's site Inspection of fabricated vessels as per ASME code.
- Experience in Quality control in steel structures according to ITP.
- WPS/PQR of plate up to 20 mm thickness.
- Final inspection of Plant and pre-dispatch inspection.
- Preparing of Quality Assurance Plan
- Preparing all documents as per QAP
- Calibration of Testing Instruments
- Conducting PWHT & Stress R relieving Activities. As per requirement code & and client.
- Conducting hydro test, pneumatic test.
- In Process & Final Inspection:
  - Preparation of Inspection test plan.
  - Including NDT & Final inspections
  - Preparation of Pressure test, PWHT procedure, Hardness test procedure, PMI etc.
  - Stage, Final inspection of Pressure vessels, Skid packages as per ASME code
  - Witness of Hydro test
- Inspection of DG generator as per specification & data sheet.

#### **Major achievement:**

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Testing witness under DRDO (Defence project) of JSS55555 at Electronics Test & Development Center, Chennai.

#### **QC Engineer**

**Company-1-Gujarat Infra Pipe Pvt. Ltd., Vadodara.**

**Dec.2002-July 2004 & May 2007-March 2008.**

- Testing of material like tensile test, positive material identifications, chemical testing etc.
- Shop inspection of raw material like plates, pipes according with the specification and requirement.
- Preparation of inspection reports and overall QC documentation like test certificate, quality assurance plan, final inspection documents etc.

- Knowledge of ASTM codes of piping material.
- Heat treatment of all grades of stainless steel material like 304,304I,316,316I,321,347 etc., carbon steel, alloy steel materials ( P5,P11 etc).
- Checking of all materials according with design specification as per B 16.9, tolerance standards, and edge preparation.
- Works with various inspection agencies like TUV, EIL & DNV etc. Implementation of quality plans/inspection and test plans
- Knowledge of eil specification for the pipe fittings and valves.
- Maintaining the inspection status of each activity.
- Preparing the check list of all kind of inspection related activities.
- Active time member of ISO 9001 company.

#### **Major achievement:**

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- Based on performance I have promoted within 6 months from QC engineer to QC executive.

#### **PROFESSIONAL QUALIFICATION**

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S.S.C from GSEB, 69.71%, 1997.

Diploma Mechanical, M.S.University, 63.50%, 2002.

B.E. Mechanical, Amravati University

B.E 3<sup>rd</sup> Sem With 65.76%, 2004

4<sup>th</sup> Sem With 63.60%, 2005

5<sup>th</sup> Sem With 66.00%, 2005

6<sup>th</sup> Sem With 57.85%, 2006

7<sup>th</sup> Sem With 64.42%, 2006

8<sup>th</sup> Sem With 69.71%, 2007

#### **CERTIFICATIONS**

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- Piping Engineering from IIT Mumbai.
- Level II in RT, UT, DP & MPI.

#### **INTERESTS:**

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- Outdoor Sports like Cricket, Tennis etc.
- Listening Soft Music.
- Surfing Net and learn to study new things.

#### **PERSONAL DETAILS**

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- Date of birth: 13 Jan 1982
- Languages known: English, Hindi, Gujarati
- Present Salary: 8.3 Lacs per annum (Fixed) + 4 Lacs (Variable)
- Expected Salary: Negotiable + Upward designation + Family Accommodation.
- Passport No: G 4944529
- Marital Status: Married
- Notice Period: 2 Months
- Skype ID: mahek0705
- Family detail: Mrs.Ankita shah (House Wife) + 1 Son

Dear Sirs,

I assure that the information given above is true to the best of my knowledge.

Yours faithfully,

**Mahek J Shah.**