

NEEL VIJAY KAPADIA

Focused & goal-oriented professional targeting challenging assignments in **Mechanical Engineering/Quality Control Engineering** with a leading organization of repute in Mechanical Industry.

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Core Competencies

- Boiler Inspection Reports
- IBR Regulations
- Boiler IBR Folder
- QA/QC Engineer
- Handling Third Party Inspection.

Profile Summary

- A vibrant performance-driven professional with over **3 years** of experience in Mechanical Engineering.
- Presently associated with Energy Process Equipments, POR G.I.D.C., Vadodara as a Mechanical Engineer.
- A keen learner with an aptitude for learning & adapting to new technologies; with excellent interpersonal & communication skills and a flair for working smoothly under stringent deadlines.

Academic Projects

<u>Description</u>	<u>Duration</u>
Experimental Set up to observe effect of Temperature on Solar PV Cells	5 months
Detailed Study, Design, Modelling & Conceptualization of Power Plant Condensate Cycle	4 months

Personal Details

Date of Birth	19th October 1993
Languages Known	English, Gujarati & Hindi
Permanent Address	B/8, Vrundavan Township, opp. Nageshwar Temple, Harni Road, Vadodara – 390006

IT Skills

Design Software: AutoCAD
Tools: MS Office
OS: Windows 2013

Training

Completed training of 5 days at Ratnaveer Stainless Products Pvt Ltd., Manjusar G.I.D.C. as a Mechanical Trainee in 2014.

Education

- BE (Mechanical Engineering) from Sardar Vallabhai Patel Institute of Technology (SVIT) Vasad (GTU) in June 2015 with 76.50%
- 12Th from Bright School, Gujarat in 2011 with 77.44%
- 10Th from Bright School, Gujarat in 2009 with 86.42%

Work Experience

Sept'15-Till Date with Energy Process Equipments, POR G.I.D.C, Vadodara as a Mechanical QA/QC Engineer. (Experience – 3.9 Years).

Key Result Areas:

- Maintaining Inspection Reports and Test Certificates.
- Detailed Knowledge of Boiler (Different Components, Construction and Working, Boiler Mountings & Accessories).
- Personally Inspecting Different Stages of Boiler Construction and making reports according to it.
- Competency in Job File Preparation, Inspection Reports and in implementing effective techniques to improve quality standards.
- Handling Third Party Inspection Effectively & Completing Project in Time.
- Maintaining & Developing Engineering Standards following IBR Rules & Regulations.

Achievements

Certified as ASNT Level II in Liquid Penetrant Examination (LPT) & Magnetic Particle Examination (MPT) as per recommendation of ASNT Document SNT-TC-1A-2011 Edition From NDE Systems & Peripherals (NDE-SAP),Vadodara.

Other Key Areas

- Competency in Design Calculation.
- Has a detailed knowledge about Design Calculations of Boilers.
- Also has knowledge about Boiler Mountings & Accessories, Construction & Working.
- Boiler Designed, Manufactured & Fabricated As per Indian Boiler Regulations 1950.
- Heating Surface Area Calculation.
- Utilizing AutoCAD to engineer Boiler Drawings , Reviewing & Maintaining documents of all Construction / Manufacturing Stages of Boilers.

Declaration

I hereby declare all the information is accurate to the best of my knowledge.