

SHARANAPPA PATIL

Boiler Erection Engineer

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Languages: English, Hindi, Kannada



CAREER SUMMARY

Accomplished Boiler Erection & Commissioning Engineer with 7+ years of experience in WHR and industrial boiler projects across India. Proven expertise in leading end-to-end erection of 21+ boilers (48 TPH to 160 TPH) for major cement and steel plant clients. Skilled in site coordination, IBR-compliant pressure parts erection, hydrostatic testing, pre-commissioning activities, and cross-functional team management. Adept at resolving drawing discrepancies, managing contractor mobilization, and driving schedule adherence and quality compliance.

KEY HIGHLIGHTS

- 21+ boilers erected across cement & steel plants
- Capacity range: 48 TPH to 160 TPH WHR Boilers
- IBR-compliant pressure parts erection specialist
- Hydrostatic testing & pre-commissioning expert
- Clients: Star Cement, Dalmia, Rashmi Group, KJS
- Managed sites in Meghalaya, A.P., M.P., W.B., Odisha

WORK EXPERIENCE

Thermal System (Hyd) Pvt. Ltd.

Apr 2024 – Present

Designation: Engineer & Commissioning (E&C)

Project 1: WHRB 127 TPH (1 no.) & 160 TPH (4 nos.) – Steel Plant | Customer: M/S OMIPL, Kharagpur (Rashmi Group) | Apr 2024 – Feb 2025

Project 2: WHRB 116 TPH – Steel Plant | Customer: M/S BSIPL (Shakambhari Group) | Mar 2025 – Dec 2025

Project 3: WHRB 48 TPH – Steel Plant | Customer: M/S Thakur Prasad Sao & Sons Pvt. Ltd. | Dec 2025 – Present

Key Responsibilities:

- Supervised direct erection operations and overall site administration including funds, attendance, and consumables management
- Ensured material availability and optimized manpower deployment to maintain erection schedules
- Coordinated with HO teams and clients on drawings and material supply; resolved erection discrepancies via design feedback
- Guided pre-assembly and erection of all boiler components, maintaining quality standards throughout
- Executed pre-hydro alignment protocols and provided checkpoints for seamless hydrostatic testing
- Prepared and issued pre-commissioning activity checklists to clients before boiler commissioning
- Conducted daily progress monitoring and facilitated client/HO meetings to maintain schedule adherence

ISGEC Heavy Engineering Ltd. (off role)

Jun 2022 – Mar 2024

Designation: Engineer

Project 1: 2 AQC + 3 PH Boilers (63 TPH WHR) | Customer: M/S Star Cement Ltd., Lumshnong, Meghalaya | Jun 2022 – Mar 2023

Project 2: 1 AQC + 1 PH Boiler (60 TPH WHR) | Customer: M/S KJS (I) Cement Ltd., Maihar, M.P. | Apr 2023 – Mar 2024

Key Responsibilities:

- Led erection, fit-up, and welding activities including contractor mobilization and daily activity planning
- Managed site administration and coordinated follow-ups with site in-charge, quality engineers, and safety engineers
- Facilitated shutdown hook-up with kiln/PH systems and conducted punch list meetings to ensure completion
- Ensured documentation of all site activities and drawings per quality plans
- Maintained IBR-compliant pressure parts erection and resolved engineering issues on site
- Prepared for and supervised hydrostatic testing procedures end-to-end

M/s Tambee Erectors

Jan 2021 – Mar 2022

Designation: Erection Engineer

Project: AQC + PH Boiler (52.9 TPH WHR) | Customer: M/S Dalmia Cement Bharat Ltd., Kadappa, A.P. | Boiler Supplier: ISGEC Heavy Engineering

Key Responsibilities:

- Supervised pressure parts erection, fit-up, and welding — upgraded from previous non-pressure parts role
- Collaborated with client (ISGEC) in preparing daily activity plans and erection schedules
- Managed tools, tackles, and manpower daily to ensure uninterrupted erection progress

M/s Ekta Engineers

Feb 2020 – Sep 2020

Designation: Floor Supervisor

Key Responsibilities:

- Supervised fabrication of confectionery cooking and food equipment for production of hard-boiled candies, lollipops, and toffees

M/s Tambee Erectors

Sep 2018 – Jun 2019

Designation: Erection Engineer

Project: 90 TPH AQC & PH Boiler | Customer: M/S Shree Cement Ltd., Benakanahalli, Karnataka | Boiler Supplier: M/S LNV T Pvt. Ltd.

Key Responsibilities:

- Assigned and supervised daily erection, fit-up, and welding tasks to site manpower
- Maintained availability of tools and tackles required for erection operations
- Supervised non-pressure parts erection, fit-up, and welding activities

M/s Suprajit Engineering Limited

Jan 2018 – Jul 2018

Designation: Engineer

Key Responsibilities:

- Supervised throttle cable production line for prestigious two-wheeler brands (KTM, Pulsar)
- Managed production quality and coordinated with sales and stock departments to ensure product availability

EDUCATIONAL QUALIFICATION

Qualification	Institution	Year
B.E. – Mechanical Engineering	SDMCET, Dharwad, Karnataka	2014 – 2017
Diploma – Mechanical Engineering	H.K.D.E.T Polytechnic, Hudgi, Bidar	2011 – 2014
ITI – Fitter Trade	Shree Jagadguru Tontadarya ITC, Rudnoor	2008 – 2011
SSLC	Government High School, Changalera	2008

TECHNICAL SKILLS

Boiler Systems

WHR Boilers (AQC, PH, WHRB), Pressure Parts Erection, Non-Pressure Parts, Hydrostatic Testing, Pre-Commissioning

Site Management

Contractor Mobilization, Manpower Planning, Daily Activity Scheduling, Punch List, IBR Compliance

Quality & Safety

Quality Plan Documentation, Pre-hydro Checkpoints, Alignment Protocols,

Software

MS Office (Word, Excel, PowerPoint), MS Windows

STRENGTHS

- Strong problem-solving and structural thinking
- Effective team leadership and collaboration
- Willingness to learn and share knowledge
- Result-oriented and deadline-driven
- Adaptable and calm under pressure
- Strong client and stakeholder communication

PERSONAL DETAILS

Date of Birth: 09 April 1993

Gender: Male

Marital Status: Unmarried

Father's Name: Siddamallappa

Permanent Address: #60, Tumkunta, Karnataka – 585306

Languages: English, Hindi, Kannada

Declaration

I hereby declare that all information provided above is true and accurate to the best of my knowledge.

Place: Jharsuguda, Odisha

Date: 18 December 2025

SHARANAPPA