

KUSHAL RAY

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Passport No: N0613345 valid till 17/06/2025



Project & Site Execution / Coordination / Plant Equipment & Machineries

An enthusiastic & high energy driven professional with 5+ years of experience aiming for challenging assignments as **Assistant / Project Manager** with a reputed organization in **Construction/ Power/Oil and Gas** sectors
Location Preference: **India and Overseas**

Key Skills	Profile Summary
<ul style="list-style-type: none">~ Project Management~ Thermal Power Plant Operations~ Operation & Maintenance~ Plant Equipment & Machineries~ Port & Stockyard Equipment~ Erection & Commissioning of Heavy Equipment~ Fabrication of Heavy Structures~ Planning and Billing for Clients~ Productivity Enhancement~ Project Planning & Execution~ Quality Control~ Cross-functional Coordination~ Safety Management~ Process Engineering	<ul style="list-style-type: none">• Versatile, accomplished & goal-oriented engineering management professional with expertise in managing projects and operations in a wide range of industrial settings.• Background includes commendable success in Power Plant, Steel Plant and Chemical Plant management activities.• Completed Certified Course in Primavera for Project Management• Exhibits a strong and firm approach for sustaining / encouraging safe work environments, and a demonstrated ability to streamline operations• Applies continuous improvement principles to increase process and maintenance efficiency and company profits• Expertise in handling project execution, implementing plans & schedules for maintenance and annual turnaround with focus on optimum utilization of manpower and materials• Proven track record in implementing cost saving measures to achieve substantial reduction in terms of raw materials, manpower and machine utilization• Exceptional resource-balancing skills with the ability to handle machines breakdowns, preventive maintenance, planned maintenance, overhauling, product development & inventory control• An effective multi-cultural communicator with strong analytical and problem solving abilities

ORGANIZATIONAL EXPERIENCE

Since Feb'13 with D K Industries, Hyderabad as Senior Engineer

Role:

- Preparing project baselines; monitoring and controlling projects with respect to cost, resource deployment, time over-runs and quality compliance to ensure satisfactory execution of projects
- Overseeing strategic planning, analysis of Power Plant Projects including selection of Technology Partner, Engineering Consultants, etc.
- Monitoring plant efficiency, preparing monthly progress report & schedules, power and energy production cost report; initiating new schemes for formulation, sanctions and implementation
- Anchoring erection & commissioning operations and ensuring completion of project in minimum turnaround time with effective resource utilization to maximize the output
- Overseeing installation & commissioning as well as conducting tests & inspections to ensure operational effectiveness of utilities; planning & effectuating maintenance plans for machines and equipment
- Executing operations of various equipment / systems in combined cycle power plant ensuring execution of activities; rendering assistance in commissioning of power plant equipment for planned shutdown/ overhauling, etc.
- Coordinating projects with accountability for strategic utilization & deployment of available resources to achieve organizational objectives
- Monitoring implementation & documentation of quality systems; managing techno-commercial activities relating to O&M contracts and procurement of utility equipment
- Shouldered the responsibility of handling of:
 - Scheduling the Fabrication Plan according to Erection Flow Chart and execute the schedule plan
 - Billing of RA Bills for Clients
 - Analyzing and dealing with the practical problems in Fabrication and Erection Yard with clients
 - Reducing rejection and re-work by various improvements in the Fabrication Yard
 - Coordination between the store department and planning department for the implementation of macro plan & micro plans
 - Analysis and taking counter measure against Quality Defects, Rejection, and Reworks
 - Preparing Documentations like Material Planning, Fabrication Inspection Report, and Check list for Machineries and Maintaining Erection Protocols
- Spearheading overall planning and execution of manpower, materials and machines during shutdown and breakdown related activities
- Leading the team of skilled Technicians and Fitters for day-to-day preventive/ shutdown and breakdown maintenance
- Rendering services as per the parameters of water treatment plant
- Working in coordination with the Maintenance Department w.r.t. preventive, schedule and master maintenance planning operations
- Streamlining various measures to enhance productivity

PERSONALITY TRAITS



Major Projects

Project: Erection Work for Refurbishment of Smelting Plant at Gujarat Copper Project (A unit of HCL)

Client: Hindustan Copper Limited

Period: Nov'17 – May'18

Description: Dismantling and Refurbishing of Plant Equipment, Commissioning and Installation such as Kaldo Furnace, Slag Launder, Scrubber Area, ETP, Duct Area...etc. Dismantling and Erection of Pipes of 50NB upto 300 NB for Waterline and Caustic line. Dismantling all hoses for Oxygen flushing line and Erection the same. Fabrication & Erection of Structures and Duct of 180 Meters.

Project: Fabrication, Erection & Alignment Of Building Structures of KR Building at Steel Melting Shop #1 & #2 with all Equipment.

Client: JSW Steel Ltd.

Period: Jan'16 – Oct'17

Description:- Execution of Steel Structures and Heavy Equipment Machineries. Erection of Columns and Heavy Equipment Machineries at different elevations for Steel Melting Shop. Fabrication and Erection of all Structures and Equipment for Blast Furnace.

Project: Fabrication, Erection, Testing & Commissioning Of Structural in 4 X 600 MW Thermal Power Plant

Client: Meenakshi Engineering Power Ltd.

Period: May'15 – Jan'16

Description:- Completed the fabrication & erection of structure (Structural Erection of Crusher House and Gallery for Conveyors, consisting of Beam, Rafter, Bracing, etc. at different elevation) in minimum turnaround time with effective resource utilization

Project: Fabrication, Erection, Testing & Commissioning Of Structural in 2 X 600 MW Singhithirai Thermal Power Plant

Client: Athena Chhattisgarh Power Plant Ltd.

Period: Jul'13 – Apr'15

Description:- Involved in the fabrication & erection of gallery for conveyors, consisting of Beam, Rafter, Bracing, etc. at different elevations and Ground Assembly Rail for Plough Feeder). Anchoring erection and alignment operations of Stringer Post, Idler Frame, Idler etc.

Project: Erection and Commissioning of 1 No. 700L Bucket Wheel Excavator at Neyveli

Client: Neyveli Lignite Corporation

Period: Feb'13 – Jun'13

Responsibility: Worked on the assembly & erection work of under carriage & erection of pylon, counter boom, bucket wheel, counter weight along with the arrangement of machineries & materials

Education

2018	Certified Program in Primavera P6 software from Synergy School of Business, Kolkata
2017	MBA in Operation from ICAI University, Sikkim
2015	Certified Program in Material Management from Symbiosis Institute, Pune
2013	B.E (Mechanical) from Anna University, Chennai

IT Skills

- MS Office – Word, Excel, Power Point
- Design Tools – Auto Cad, Solid Works, ANSYS
- Planning Tool – Primavera P6 Software

Trainings

- 15 Days Minor Training on Fabrication of Railway Compartments & Weight Calibration at Indian Coach Factory
- 15 Days Minor Training on Wheel Alignment, Assembly of Power Steering, Hydraulic Brakes at Rane Steering Factory
- 7 Days Minor Training on Boiler Maintenance Division at Ennore Thermal Power Plant

Extracurricular Activities

- Represented College team in Inter College Cricket Competition held in year 2010
- Coordinator of “National Conference on Emerging Technologies” in Mechanical Engineering
- Attended Inter College Seminars for Robotics, Production and Control in year 2012

Personal Details

Date of Birth: 21st August 1989
Address: 44/6 Narayan Ray Road, Udayan Pally, Barisha, Kolkata -700008 (WB)
Languages: English, Hindi, Oriya, Tamil, and Bengali
Passport Number: NO613345
Expiry Date: 17/06/2025