

Ashish Kumar Bachhil

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Profile

Project Management Professional having 25 years of experience in Detailed Engineering, Project Management (of Greenfield Projects, Brownfield projects and Power Plants), Supply Chain Management, Site Management, SAP implementation, Integration of Quality Management system, Vendor Development, Procurement of Goods and Services, Inventory Management, Industrial Safety Engineering and Contract Management in Petrochemical/ Chemical and Continuous Process Industries in India and Abroad

Key responsibilities are –

***Detailed Engineering which includes** Preparation of Process Flow Diagrams, Piping Instrumentation diagrams, Control Philosophy, Equipment specifications, Equipment Layout, Mechanical Data sheets, Preparation of Bill of Quantity, Tender Bid Evaluation, Startup procedure and Preparation of Commissioning Manual

***Project Management which includes** Defining scope of work, Defining Activities, WBS, Resource planning, Cost Estimation, Cost Control, Risk Identification, Risk Response Control, Organizational planning, Staff acquisition, Supply Chain Management, Procurement planning, Contract Management, Scope change Control, Quality Control, Compliance to Company's SSHE Policy and Liaisoning with Statutory Governing bodies for Approvals and Project Start up.

***Supply Chain Management which includes** Vendor Development, Negotiations, Stock level Control, Optimization of Full Order Cycle, Inventory Management, Logistics and Procurement.

***Operations Management Professional** responsible for Production planning, Supply Chain Management, Productivity Improvement, Process Improvement, Capacity Planning, Quality Assurance, Industrial Safety Engineering and Plant administration. Key responsibilities was Integration of Quality Management Systems for Process Improvement and Reduction in Process variations. Job included Identifying Critical Success Factors, Strategic Planning, Statistical process control, Custom Retention, Benchmarking, Debottlenecking, Quality Function Deployment and Integrating Quality Management systems (ISO 9001, ISO 14001 and ISO 18001, ISO 45001 and ISO 50001)

***Strategic Maintenance Management** (Mechanical, Electrical and Instrumentation) of Plant Equipments and Utilities using CMMS, SAP- ERP Implementation, Maintenance report for Analysing Equipment, Inventory and Work Order Cost History, Cost Control, Budget Preparation, Regulatory Compliances and Maintenance Scheduling and Implementation of Modern Maintenance Methods i.e. RCM, SIX SIGMA, TPM etc.

*** Energy Management** using Management tools like 5s, Activity based Costing, Checklist, Control Charts, Kaizen, Pareto chart, PDCA cycle, Cost/Benefit analysis, Data Collection for Utility Consumption, Production data and Tariff analysis and Site investigations using Measuring Instruments

*** Integration of Quality Management Systems** for Process Improvement and Reduction in Process Variations. Job requires identifying Critical Success Factors, Strategic Planning, Statistical process Control, Custom Retention, Benchmarking, Debottlenecking and Quality Function Deployment

MAJOR UTILITY SYSTEMS / PLANT EQUIPMENTS HANDLED

Plant Equipments: Reactors, Dryers, Distillation Column, Heat Exchangers, Pelletizers, Vacuum Pumps, Chemical Process Pumps, Steam jet Ejectors, Extruders, Pelletizers, Granulators, Mixers, Compactors, Roots Blower, Bag Filters, Nutch Filters, Induction Furnaces, Hydraulic and Pneumatic Systems, Rotary Dryers etc.

Utility Systems: Captive Power Plant and Combined Cycle Power Plant, Steam Generation and Distribution system, Boilers, Coal Handling Plant, Effluent Treatment Plant, Sewage Treatment Plant, Water Treatment Plants, Fire Fighting System and Gas Detection system, Air Separation Plant, PSA Nitrogen Plant, Compressed Dry Air System, Hot Oil Generation and Distribution System, Rotating Equipments like High Pressure Pumps, Reciprocating Compressors, Screw Compressors, Chemical Process Pumps, Positive displacement Pumps, Gear Box, Agitators, Bag Filters, Pressure Vessels, Storage Tanks, Centrifuges, Rotary Dryer, Industrial Blowers, Thermic Fluid Heaters, Waste Incineration System, Chilled water system, Chilled brine system, Bucket Conveyors, Belt Conveyors, Vacuum Filtration System, Induced Draft Furnace, Scrubber system, Dust collection system, Thermic Fluid Heaters, Hammer Mill, Compactors, Agitators, Pneumatic Conveying System, Mechanical Seals, DG Sets, Material Handling Equipments (Cranes, Hoists, Hydraulic Pallet trucks, Forklifts), Power Distribution system, Distributed Control System, HVAC and Cooling Towers

Experience

Head – Engineering Services and Projects Industrial Engineering Company, New Delhi (An EPC Contracting Company)

Sep 2021 - Present

Job responsibilities:

Project Management, Supply Chain Management and Contract Administration of EPC Projects in Chemical, Petrochemical and Power Plants

General Manager- Engineering

Apr 2019 – July 2021

RELIN UV Group, Faridabad, INDIA (A Chemical Plant)

It is a batch type chemical Plant producing Synthetic GRP liners for Underground Pipelines.

Job responsibilities:

*Project Planning and Scheduling, Scope Management, Risk Management and Budgeting for Erection and Commissioning of Plant

*Preparation of Process Flow Diagrams, Piping & Instrumentation diagrams, Control Philosophy, Equipment specifications, Equipment Layout, Mechanical Data sheets, HAZOP Study and Preparation of Bill of Quantity

*Production Planning and Control, Plant Maintenance and Operation, Integration of Quality Management Systems and Implementation of Safety Management

Founder Director

Jan 2018 - Mar 2019

Engineering Projects and Services, Faridabad, Haryana (India)

Successfully executed the of 20 MW Ground Mounted Solar Power plant project in Bhadla in Partnership with Redsun Solar Solution LLP. It was my Start-up venture

Senior Manager - Engineering, Bawal, INDIA

Jul 2010 - Jul 2018

Jain Natural Energy Private Limited, New Delhi, (An EPC Company in Power sector)

*Project Management of Greenfield Project of 400 MW Solar cell Manufacturing Plant and 660*2 Super Critical Thermal Power Plant. Job included Project Planning and Scheduling, Risk

Management, Scope Management, Defining Activities and WBS, Resource Management, Vendor Development, Coordination with Consultants for finalizing Civil, Architectural, Electrical and Plumbing drawings and getting approval from HSIIDC, Coordination with Regulatory Authorities for Statutory Approvals for Factory Set up and Site Supervision.

*Operation and Maintenance of Combined Cycle Power Plant at Jharsuguda and Operation and Maintenance contract of 1500 bed Hospital in Tripoli, Libya during this period of employment

Senior Manager – Engineering Services

Sep 2005- July 2010

High Polymer Labs Limited, Dudhola, INDIA (A Specialty Chemical Plant)

Job Responsibilities:

*Erection and Commissioning of 2000 TPA Antioxidant and UV Stabilizer Plant

*Plant and Utility Maintenance, Utility Operation, Power Plant Operation and Maintenance, Vendor Development, Supply Chain Management, Integration of Quality Management system, ISO Auditing and Compliance, Energy Audit and Conservation, Contract Management, Inspection and testing of Pressure Vessels/Lifting Equipments, Safety Management, Training in Functional Assets and Safety Management

Superintendent

Jun 2001 - Sep 2005

ICI India Ltd, Kanpur, INDIA (A Specialty Chemical Plant)

Job Responsibilities:

* Detailed Engineering, Erection and Commissioning of Zinc Oxide Manufacturing Plant Job Responsibilities were Preparation of Process Flow Diagrams, Piping & Instrumentation

Diagrams, Control Philosophy, Equipment specifications, Equipment Layout, Mechanical Data Sheets, HAZOP Study, Preparation of Bill of Quantity, Tender Bid Evaluation, Preparation of SOP and Commissioning Manual

*Project Planning and Scheduling, Scope Management, Defining Project Activities by creating WBS, CAPEX Planning, Site Supervision, Resource Management, Vendor Management, Supply Chain Management Site Supervision, Compliance to ICI Group Engineering Procedures for Safety, Security, Health and Environment

*Plant and Utility Maintenance, Plant and Utility Operations, Quality Control Testing of Finished Product, Power Plant Operation and Maintenance, Process Improvement by Debottlenecking, Inventory Management, Contract Management, Energy Audits, Internal and External Audits for ISO Compliance, Process Improvement and Safety Compliance, Impart Training in Functional Assets and Safety Management, Research and Development on old Machines to enhance Efficiency and Productivity, Inspection and Testing of Lifting Equipments and Pressure Vessels, Waste Management of Toxic Wastes

Engineer - Engg. Services

Jul 1993 - May 2001

Rajasthan Polymers & Resins Ltd (A Petrochemical Plant)

Responsibilities were -

- * Erection and Commissioning of Greenfield Project of 20000 TPA ABS, HIPS, GPPS and SAN Plastic Manufacturing Plant along with Process Utilities and Off Site Facilities
- * Preparation of Process Flow Diagrams, Piping & Instrumentation Diagrams, Control Philosophy, Equipment Specifications, Equipment Layout, Mechanical Data sheets and HAZOP Study, Preparation of Bill of Quantity, Tender Bid Evaluation, SOP and Commissioning Manuals
- *Project Planning and Scheduling, Risk Assessment, Defining Activities and WBS, Resource Planning, Vendor Development, Procurement of Goods and Services, Preparation of BOQ Implementation of Industrial Safety Engineering and Supervision of Project activity
- *Inspection and Testing of Pressure Vessels and Pipe Welding joints using NDT procedure, Radiography and Ultrasonic Testing Methods.
- *Plant Maintenance, Utility Operation and Maintenance, Power Plant Operation and Maintenance, Inventory Management, Maintenance Planning and Conducting Audits for Quality Management Systems,

Skills & Specialisation

Project Management, Design Engineering, Supply Chain Management, Industrial Safety Engineering, Quality Management Systems, Energy Management, Internal and External Auditing, Risk Management, Cost Control, Production Planning and Control, Maintenance Management, Reliability Engineering, Operations Management

Education

MMM University of Technology, Gorakhpur (A deemed University)

Bachelor's Degree in Mechanical
Engineering Gorakhpur, INDIA

Annamalai University, INDIA

MBA, Energy Management,
Diploma in Production Management

Indian Institute of Management, Bangalore, India

Certificate in Operations Management

Indian Institute of Technology, INDIA

Certificates in Project Management, Industrial Safety Engineering and Power Plant Engineering

Certified Clean Energy Professional from ICSIL (JV of NCT, Delhi and Govt. of India)
