

MR. SURESH K. PANCHAAL

Senior Factory Manager | Plant Head | Plant In-Charge | Production & Operations Manager

☎ +91 9152917512

✉ sureshpanchaal9@gmail.com

📍 Thane, Maharashtra, India

Open to Relocate: India | Saudi Arabia | UAE | GCC

PROFESSIONAL SUMMARY

ASNT NDT Level II Certified Mechanical Engineering professional with over **18 years of experience** in Plant Operations, Factory Management, Production, Heavy Fabrication, Sheet Metal Manufacturing, Oil & Gas Fabrication, Machine Shop Operations, and EPC projects across India and the Kingdom of Saudi Arabia.

Proven expertise in leading manufacturing plants, fabrication shops, machine shops, production planning, manpower management, quality assurance, maintenance coordination, cost control, and continuous improvement. Experienced in managing end-to-end factory operations while ensuring safe working practices, optimum productivity, on-time delivery, customer satisfaction, and compliance with ISO, ASME, API, AWS, and HSE standards.

Strong leadership capabilities in driving operational excellence, reducing manufacturing costs, improving productivity, minimizing downtime, and developing high-performing production teams.

CORE COMPETENCIES

Plant & Factory Operations

- Plant Administration
- Factory Operations
- Production Management
- Manufacturing Operations
- Shop Floor Management
- Capacity Planning
- Production Planning & Scheduling
- Resource Planning
- Material Management
- Dispatch Planning
- Overall Equipment Effectiveness (OEE)
- KPI Monitoring

Production & Fabrication

- Heavy Fabrication
- Structural Fabrication
- Pressure Vessel Fabrication
- Sheet Metal Fabrication
- CNC Laser Cutting
- CNC Bending
- Welding & Assembly
- Machine Shop Operations
- Powder Coating And Painting
- Final Assembly
- Line Balancing
- Bottleneck Analysis

Operations Management

- Productivity Improvement
- Lean Manufacturing
- Kaizen
- Cost Reduction
- Budget Control
- Inventory Management
- Preventive Maintenance
- Equipment Utilization
- OEE Improvement

Quality & Safety

- ASNT NDT Level II
- QA/QC Management
- Total Quality Management (TQM)
- ISO 9001
- Welding Inspection
- WPS/PQR Verification
- Material Test Certificates
- Root Cause Analysis
- CAPA
- HSE Compliance
- 5S Implementation
- 8D Problem Solving
- Pareto Analysis
- Fishbone (Ishikawa) Analysis
- Inspection Test Plan (ITP)
- Non-Conformance Report (NCR)
- Customer Complaint Resolution

Leadership

- Team Management
- Manpower Planning
- Performance Management
- Customer Coordination
- Vendor Coordination
- Cross-functional Leadership
- Decision Making
- Problem Solving

PROFESSIONAL CERTIFICATIONS

ASNT NDT Level II Certified

- Ultrasonic Testing (UT)
- Radiographic Testing (RT)
- Radiographic Film Interpretation (RTFI)
- Magnetic Particle Testing (MT)
- Liquid Penetrant Testing (PT)
- Visual Testing (VT)

Additional Expertise

- Welding Inspection
 - Fabrication Inspection
 - Quality Documentation
 - Third Party Inspection Coordination
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PROFESSIONAL EXPERIENCE

HAMCO ARABIA – Kingdom of Saudi Arabia

Manager – Projects & Factory

May 2024 – May 2026

Key Responsibilities

- Lead end-to-end execution of EPC and fabrication projects in compliance with client specifications and Saudi Aramco / international standards
- Plan, schedule, and monitor project activities to ensure timely delivery within budget and scope.
- Oversee complete plant operations including production, fabrication, assembly, and dispatch.
- Ensure strict adherence to HSE regulations and Saudi industrial safety standards; conduct regular audits and safety meetings.
- Manage procurement, expediting, and vendor coordination to ensure timely availability of materials and services.
- Liaise with clients, consultants, and project stakeholders for technical, commercial, and progress-related matters.
- Control project costs, monitor budgets, and identify opportunities for cost optimization and efficiency improvement.
- Supervise QA/QC activities and ensure compliance with ISO standards, client specifications, and inspection requirements.
- Allocate manpower, machinery, and resources effectively across multiple projects and production lines.
- Track project progress, identify risks, and implement mitigation strategies to avoid delays.
- Review engineering drawings, technical documents, and production plans for accuracy and feasibility.
- Coordinate with site teams, subcontractors, and third-party inspection agencies.
- Prepare and present progress reports, MIS, and performance analysis to senior management.
- Drive continuous improvement initiatives in production processes, quality, and productivity.
- Ensure compliance with Saudi labor laws, company policies, and contractual obligations.
- Lead, train, and develop teams to enhance performance, accountability, and operational excellence.
- Coordinate with logistics for packing, marking, dispatch preparation, and delivery to site/client.
- Maintain and update production progress reports and expediting status reports for management review.
- Identify bottlenecks in fabrication process and implement corrective actions to improve productivity.
- Ensure compliance with ISO standards, project specifications, and HSE requirements in workshop operations.
- Support production planning team to achieve on-time delivery (OTD) targets for fabrication orders.
- Conduct regular shop floor monitoring and coordination meetings to ensure schedule adherence.

JOBBY ENGINEERING PVT. LTD.

Manager – Projects

June 2022 – March 2024

Key Responsibilities

- Plan and execute plant shutdown/turnaround projects within defined timelines, budget, and safety requirements.
- Develop detailed shutdown schedules, resource plans, and work breakdown structures (WBS).

- Coordinate with operations, maintenance, and engineering teams for pre-shutdown planning and scope finalization.
- Ensure timely mobilization of manpower, materials, tools, and equipment for shutdown activities.
- Lead daily shutdown review meetings to track progress, address bottlenecks, and ensure adherence to schedule.
- Monitor critical path activities and implement recovery plans to avoid delays in plant restart.
- Ensure strict compliance with HSE regulations, permit-to-work (PTW) systems, and safety procedures.
- Supervise fabrication, erection, maintenance, inspection, and repair activities during shutdown.
- Coordinate with contractors, subcontractors, and vendors for smooth execution of work.
- Ensure QA/QC compliance, inspection protocols, and documentation as per project and statutory requirements.
- Manage cost control, track expenses, and prevent budget overruns.
- Identify risks and implement mitigation strategies to minimize downtime and operational impact.
- Liaise with clients, consultants, and statutory authorities for approvals and progress updates.
- Ensure proper documentation, reporting, and submission of shutdown completion reports.
- Conduct post-shutdown review to capture lessons learned and improve future shutdown efficiency.

OFFSHORE INFRASTRUCTURE LTD.

Manager – Projects

February 2018 – May 2022

Key Responsibilities

- Lead end-to-end execution of brownfield shutdown EPC projects, ensuring safe, timely, and cost-effective delivery within operating plant environments.
 - Plan and manage shutdown/turnaround scope integration with ongoing plant operations without disrupting production.
 - Develop detailed project execution plans, shutdown schedules, method statements, and resource mobilization strategies.
 - Coordinate with operations, maintenance, engineering, and client teams for scope finalization and work prioritization.
 - Ensure strict compliance with HSE standards, Permit-to-Work (PTW), SIMOPS **requirements**, and site safety regulations.
 - Manage critical path activities and ensure timely execution of mechanical, piping, structural, and fabrication works.
 - Oversee procurement, material expediting, and vendor coordination for shutdown-critical items.
 - Supervise fabrication, erection, inspection, testing, and commissioning activities during shutdown windows.
 - Coordinate with subcontractors and ensure productivity, quality, and adherence to approved procedures.
 - Monitor project cost, control shutdown expenses, and ensure execution within approved budget.
 - Handle interface management between brownfield live plant operations and shutdown execution teams.
 - Ensure QA/QC compliance including WPS, NDT, hydro testing, punch clearing, and documentation control.
 - Conduct daily progress review meetings and implement recovery plans for schedule deviations.
 - Liaise with client representatives, consultants, and third-party inspectors for approvals and inspections.
 - Manage risk assessments, Job Safety Analysis (JSA), and mitigation plans for high-risk activities.
 - Ensure timely resolution of technical issues, site constraints, and construction challenges.
 - Prepare and submit progress reports, MIS reports, and shutdown performance updates to senior management.
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 - Ensure smooth demobilization after shutdown completion and proper site restoration.
 - Lead post-shutdown review, lessons learned analysis, and continuous improvement initiatives.
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SATIATE ENGINEERING (I) PVT. LTD.

Plant Head

April 2015 – January 2018

Key Responsibilities

- Plan, organize, and control day-to-day production activities in sheet metal fabrication shop.
- Manage end-to-end operations including cutting, punching, bending, welding, fabrication, assembly, and finishing.
- Develop production schedules and ensure timely execution as per customer delivery requirements.
- Monitor productivity, machine utilization, and workforce efficiency to achieve production targets.
- Ensure proper utilization of CNC machines, press brake, laser cutting, and other fabrication equipment.
- Coordinate with design and engineering teams for drawing clarification and manufacturability review.
- Implement Lean Manufacturing and 5S practices to improve productivity and reduce waste.
- Maintain strict quality control as per ISO standards and customer specifications.
- Supervise inspection activities including in-process and final product inspection.
- Reduce rejection, rework, and material wastage through process improvements.
- Manage raw material planning, inventory control, and procurement coordination.
- Ensure compliance with safety standards and maintain a safe working environment on shop floor.
- Lead manpower planning, training, and skill development of operators and technicians.
- Coordinate with vendors and subcontractors for outsourced fabrication or surface treatment processes.
- Monitor production cost, optimize resource utilization, and improve operational efficiency.
- Handle dispatch planning and ensure on-time delivery to customers.
- Resolve production issues, machine breakdowns, and technical challenges on shop floor.
- Maintain production reports, MIS data, and performance tracking sheets.
- Work closely with quality team to ensure zero defect delivery and customer satisfaction.

CRISH METAL WORKS PVT. LTD.

Factory Manager

January 2013 – March 2015

Key Responsibilities

- Plan, supervise, and control end-to-end manufacturing operations of fire-safe products and assemblies (fire-rated doors, cabinets, enclosures, safety systems, etc.).
- Ensure compliance with fire safety standards, ISO regulations, and customer specifications throughout production processes.
- Oversee fabrication activities including cutting, welding, assembly, insulation, sealing, and finishing as per fire resistance requirements.
- Implement and maintain fire safety manufacturing procedures, material handling standards, and process controls.
- Coordinate with design and engineering teams to ensure fire-rated product manufacturability and compliance with approved drawings.
- Ensure strict quality control and inspection at every stage including raw material, in-process, and final testing.
- Supervise fire testing preparation and ensure products meet required fire resistance ratings and certifications.
- Manage production planning, scheduling, and resource allocation to meet delivery timelines.
- Ensure compliance with HSE standards, fire prevention protocols, and safe working practices on shop floor.
- Monitor material usage, control wastage, and optimize manufacturing costs.
- Manage and control manpower, machinery, and material resources efficiently.

- Implement and monitor preventive maintenance schedules for all plant machinery and equipment.
- Coordinate with purchase, stores, and logistics teams to ensure timely availability of raw materials and dispatch of finished goods.
- Maintain proper documentation, production reports, and inventory records.
- Lead and enforce health, safety, and environmental (HSE) practices within the plant.
- Identify process improvements to enhance productivity, cost efficiency, and waste reduction.
- Handle client inspections, audits, and quality checks as per project requirements.
- Train and develop workforce to improve skills, safety awareness, and performance.
- Troubleshoot operational issues and take corrective actions to minimize downtime.
- Ensure proper implementation of 5S, lean manufacturing, and continuous improvement practices.
- Maintain coordination with management for planning, reporting, and decision-making.

CREATIVE ENGINEERING

Quality Controller / Production In-Charge

January 2009 – December 2012

Key Responsibilities

- Plan, organize, and control daily production activities in fabrication shop (cutting, welding, machining, assembly, and finishing).
- Ensure production targets are achieved in line with project schedules and delivery commitments.
- Implement and maintain quality management systems (QMS) as per ISO standards and client specifications.
- Supervise fabrication processes to ensure compliance with approved drawings, WPS, and technical requirements.
- Develop and enforce quality control plans (QCP), inspection test plans (ITP), and SOPs.
- Monitor in-process and final inspections, ensuring products meet required quality standards.
- Coordinate with design, procurement, and project teams for smooth workflow and material availability.
- Manage manpower, machinery, and resources for maximum productivity and efficiency.
- Identify and resolve production bottlenecks, quality issues, and non-conformities (NCRs).
- Lead root cause analysis (RCA) and implement corrective and preventive actions (CAPA).
- Ensure compliance with welding standards (ASME, AWS), NDT requirements, and client specifications.
- Maintain proper production records, quality reports, and documentation.
- Oversee vendor inspections, client inspections, and third-party audits.
- Implement lean manufacturing, 5S, and continuous improvement initiatives to reduce waste and improve efficiency.
- Ensure strict adherence to Health, Safety & Environment (HSE) policies within the fabrication shop.
- Plan and monitor preventive maintenance of machines and equipment.
- Train and develop workforce to enhance skills, quality awareness, and safety practices.
- Control rework, rejection, and material wastage to optimize cost.
- Ensure timely dispatch of finished products with proper documentation.

VISHWAKARMA ENGINEERING WORKS

Shop Floor Supervisor

August 2006 – December 2009

Key Responsibilities

- Managed machine shop operations and quality control.
- Planned machining schedules and inspection activities.
- Implemented corrective and preventive actions.

- Reduced customer complaints and production rework.
 - Maintained ISO documentation and quality standards.
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KEY ACHIEVEMENTS

- Successfully managed fabrication and manufacturing operations for Oil & Gas, Petrochemical, Heavy Engineering, and Industrial projects.
 - Led production teams to consistently achieve on-time delivery and customer satisfaction.
 - Improved productivity through optimized manpower utilization and production planning.
 - Reduced manufacturing losses through quality improvements and preventive actions.
 - Established effective shop floor control systems and operational reporting.
 - Strong experience managing multidisciplinary teams across production, maintenance, quality, logistics, and planning.
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EDUCATION

B-Tech (Mechanical Engineering)

Anna University | 2006

Diploma in Production Technology

MSBTE | 2003

SOFTWARE

- Microsoft Excel
 - Microsoft Office
 - SAP (Working Knowledge)
 - Primavera P6 (Working Knowledge)
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LANGUAGES

- English
- Hindi
- Gujarati
- Marathi