

JOTHIKANNAN SEKAR

umakannan94@gmail.com | +91 9176400472 | Thiruvallur, Kolathur | Chennai -600099

SUMMARY

Experienced Production Engineer & steel plant professional with over 8 years of experience in steel industry. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

EXPERIENCE

Senior Engineer | Planning & Procurement

MPIL Steel Structures Ltd • Tarapur, Boisar | India

Jul 2024 – Mar 2025

Description:

The MPIL Group has diversified interests in steel, infrastructure, logistics and manufacturing. MPIL's steel structures has provided the steelwork for India's most prestigious infrastructure projects.

MPIL has been pioneer in Light & Heavy Steel Fabrication as well as Supplies of Cold Roll Formed products like Metal Decking Sheets, Roofing sheets, Purlins etc.

Responsibilities:

- Develop and implement production plans to ensure on-time delivery of high-quality products
- Manage and optimize production processes to improve efficiency and reduce costs
- Provide technical support and expertise to the maintenance and production teams.
- Monitor production output and quality, and implement corrective actions as needed
- Ensure compliance with safety, health, and environmental regulations
- Manage plant resources, including personnel, equipment, and materials, to achieve production targets
- Develop and maintain positive relationships with customers, suppliers, and other stakeholders
- Collaborate with other departments, such as purchase, marketing, and finance, to develop and implement business strategies Monitor and analyze key performance indicators and implement continuous improvement initiatives
- Develop and manage budgets and financial forecasts
- Recruit, train, and manage plant personnel, including supervisors and operators
- Excellent leadership, communication, and interpersonal skills
- Conduct regular performance evaluations and provide training and development opportunities.

Production Engineer

Al Ejabea Motor Workshop • Musaffah, Abu Dhabi, UAE

Aug 2023 – Dec 2023

Description:

As a technology development and manufacturing enterprise, founded in 2015 and based in Abu Dhabi, the capital of the United Arab Emirates, Calidus provides next-generation aeronautical and land defense systems built with world class designs and cutting-edge technology, forefront components and fully integrated solutions that are tailored to its customers network from the concept design and engineering phase to development and manufacturing the defense products, as well as implementing industrial enterprises investment programs that are consistent with the vision and strategy of CALIDUS LLC.

Responsibilities:

- Over all monitoring and supervision of the Machine Shop Machines like Laser, CNC & Press Brake and Quality Control of the production.
- Monitoring and directing Production team to ensure continuity of operations and timely implementation of production routines.
- Preparing and reviewing emergency shutdown procedures for the safe troubleshooting of the machines.
- Ensured execution of production plan by establishing priorities, scheduling activities and monitoring progress; revising schedules, and resolving problems.

- Ensuring Adherence to Quality assurance processes by evaluating quality of inputs, processes and outputs Effectively communicate both up and down the organization on key issues [e.g., performance reviews, safety meetings, monthly reports etc.]
- Creating documentation protocols and ensure that all operations records are properly maintained and timely reviewed
- Led teams and analyzed data to identify opportunities for improvement.
- Devoted special emphasis to punctuality and worked to maintain outstanding attendance record. Developed and maintained courteous and effective working relationships.
- Proved successful working within tight deadlines and fast-paced atmosphere. Ensured company manufacturing policies and procedures are followed at all times.
- Specify, validate and implement production processes to achieve organizational goals.
- Providing the leadership needed to ensure effective utilization of production personnel and equipment.
- Enforced health and safety protocols during all stages of production.

Production Supervisor

ARS Steels & Alloys International Pvt. Ltd., | Tamilnadu, India.

Jan 2021 to Aug 2022

Description:

Established in the year of 1990, “ARS Steels & Alloy International Pvt. Ltd.” are Manufacturer and Exporter of an extensive array of TMT Bar, ARC Mild Steel TMT Bar, etc. We direct all our activities to cater the expectations of customers by providing them excellent quality products as per their gratification. Moreover, we follow moral business policies and crystal pure transparency in all our transactions to keep healthy relations with the customers.

ARS constantly ensures to enhance the progress and well-being of its esteemed stakeholders by introducing products like ARS TMT Bars.

Responsibilities:

- Responsible for producing premium quality TMT Bars as per the client's requirement and demand.
- Responsible for managing production within forecast parameters across the following consumption heads of power, ferro alloys, refractory [furnace], mill scale, fluxes, and all other additives
- Daily and regular communication with shift-in-charges, Melter, CCM operator to discuss issues around production inefficiencies and recommending effective solutions to Plant Manager
- Effectively communicate both up and down the organization on key issues [e.g., performance reviews, safety meetings, monthly results, etc.]
- Participated and implemented good working practices prescribed by H&S department to ensure a safe work environment by conducting safety contacts, observations, meetings and audits
- Liaise with all internal and external stakeholders, departmental heads, suppliers, customers, external and internal auditors.
- Reviewing of overtime sheet, monthly attendance, schedules of the workers.
- Implemented quality improvement changes to minimize product defect rates.
- Regular update of department work instructions and reports.
- Reviewed maintenance and repair problems to determine appropriate action for resolution.

Operation Supervisor

Saudi Iron & Steel Company (Hadeed), Jubail, KSA.

Oct 2018 to Nov 2020

Description:

SABIC operates through three Strategic Business Units – Petrochemicals, Agri-Nutrients, Specialties and one standalone organization, Metals (Hadeed). They support customers by identifying and developing opportunities in key end markets such as construction, medical devices, packaging, Agri-nutrients, electrical and electronics, transportation and clean energy.

Responsibilities:

- Monitoring and directing Production team to ensure continuity of operations and timely implementation of production routines.
- Prepare and review emergency shutdown procedures for the safe troubleshooting of the plant.
- Spontaneous production schedules and collaborated with production operators to communicate objectives and goals.

- Responsible for KPIs & MOM preparation and updating the material status to the Managements through Email & other actions.
- Chairing daily progress meeting with maintenance departments to analyze daily production and maintenance activities to take preventive measures for future downtimes.
- Supervision of raw materials & consumables in respect of quality and price.
- Actively participating and coordinating with plant team to achieve targeted production planes.
- Reviewing and preparing production plans of Iron Ores material like GSC, LKV and Valley to produce the demanded DRI and quantity within the time frame.
- Taking steps to ensure the personal safety and safe working environment of staff.
- Keeping smooth operation modules of (C,D & E) and practicing safe working procedures
- Internal Audit done to Inspect & Solve the technical issues related to the plant works
- Strong Team work management skills in maintaining the Technicians and Labors.
- Inspection of operational heavy machinery equipment for conformance with operational standards
- To plan, organize and co-ordinate with production team of Metal Recovery, Slag, Slag Evacuation from Furnace Pits and Slag Transportation to designated area.
- Scheduling of heavy machinery like Dump Trucks, Front End Loader and Skid Steer equipment to ensure continuous production process
- Perform periodic inspections of maintained equipment so as to observe the quality of the maintenance performed and the operating condition of the equipment

Maintenance Supervisor

YBM Travels Pvt Ltd., | Chennai, India

Jul 2017 – Sep 2018

Description:

YBM Travels strive to maintain the most reasonable rates in the market. This also makes our passengers happy and thus we further give them discount offers on a regular basis to enhance their happiness.

Responsibilities:

- Responsible for Maintenance activity held for heavy Equipment.
- Coordinated procurement activities related to spare parts and supply.
- Monitored and tracked daily progress and handled issues that arise to ensure the smooth operations.
- Reported and escalated to management as needed.
- Resolved work problems and made necessary recommendations for improvement.
- Preparing quality manuals, procedures & work Instructions, Developing & writing statements of requirements technical standards & specifications, developing & monitoring of equipment calibration standards.
- To follow up the timely close out of non-conformities, corrective action requests and preventive action requests.
- Maintaining the records in ERP (Enterprise Resource Planning)
- Monitored company inventory to keep stock levels and databases updated.
- Conducted research, gathered information from multiple sources and presented results.

Mechanical Technician

Madras Engineering Industries Pvt Ltd., | Chennai, India

Mar 2013 – Feb 2014

Description:

Pioneered the indigenous design, development & manufacturing of Automatic Slack Adjusters - designs protected by multiple global patents.

Responsibilities:

- My career got started from here as a Machine Operator and achieved the target Jobs.
- I have learnt all the Technical Skills of Machine Operating & Handling.
- Strong understanding skills in machine learning and routine the daily work operations.
- Resolve the technical issues related to Machining work.
- Product development.
- Preparing quality manuals, procedures & work Instructions.

SKILLS & EXPERTISE

- Auto CAD & Pro-E
 - Solid-Works
 - Microsoft Office 365
 - Leadership
 - Communication Skills
 - Multi- Tasking Ability
 - Problem Resolution
 - Operations research
 - Operations oversight
 - Continuous Improvement Processes
 - Work Force Management
 - Planning & Scheduling
 - Project Coordination
 - Ensuring Safety Standards
 - Health and Safety Compliance
-

EDUCATION

Bachelors in Mechanical Engineering

04/2017

Anna University, Tamil Nadu, India

Diploma in Mechanical Engineering

04/2014

Autonomous University, Tamil Nadu, India

LANGUAGES

English, Hindi, Tamil and Telugu