



## K. SURESH KUMAR

Manufacturing Operations | Production Planning & Control | Maintenance – HOT ROLLING MILL

*A versatile, accomplished & goal-oriented professional with nearly 12 years of experience in different Hot Rolling Mill (Slit Rolling Mill Technology)*

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### CORE COMPETENCIES

Plant  
Administration

Production  
Planning &  
Control

Strategic  
Planning

Pass Design,  
Erection &  
Commissioning

Machinery  
Equipment  
Modification

Resource/  
Manpower  
Management

Audits/ Quality  
Assurance &  
Control

Occupational  
Health & Safety

Production Cost  
Control

Process  
Improvement

Field Complaint  
Resolution

Leadership &  
Team  
Management

### CERTIFICATION COURSE

- Roles of Secondary Refining & Continuous Casting

### IT SKILLS

- AutoCad 2007
- MS Office & Windows
- Sold Works

### EDUCATION

- Mechanical Engineering (BE)** with 67% of mark from Sreesastha institute of engg. Tech at 2007-2010
- DME** with 70% of marks from Ramakrishna polytechnic college at 2007

### PROFILE SUMMARY

- Presently, working with **J.R Metals** as **Sr. Production Manager**; Responsible for the production & maintenance operations of the plant with capacity 1.5 Lakhs ton per annum; semi-automated bar and rod mill with 3l stand of roughing, with automatic cooling bed
- Leading a team of over 100 + members** in a efficient way to achieve a goal with the help of available sourceses
- Expertise in **Rebar Production** as per standard requirement (IS 1786 & BS4449) , **Continuous Improvement, Production Development, Plant Erection, Inventory Control, and Plant Administration**
- Exhibited excellence in leading process improvement, lean manufacturing, cost reduction projects/process and implementing modification** for enhancing production efficiency; enhanced the efficiency of workforce by focusing on technical & customer-oriented aspects
- Showcased excellence in supervising the maintenance processes to optimize production activities** (equipment availability & energy efficiency) and implementing effective preventive & predictive maintenance system accordingly
- Rich experience in performing preventive, corrective & troubleshooting maintenance** and testing of all plant instrument process monitoring & control protective equipment
- Experienced in ensuring effective site management and discipline to ensure safety as per quality standards (ISO & OSHAS)** and timely execution of projects in accordance with specified standards
- A strategic planner with expertise in analysing existing design, erection & commissioning systems / procedures**; implemented effective cost & energy saving techniques and maintenance system as per guidelines of TPM which attained substantial reduction in O & M expenditure

### NOTABLE ACCOMPLISHMENTS

Acknowledged with the **Best Employee Award in 2012 and 2014** in Kamachi Sponge And Power Corporation Limited)

**Front-led major role in planning shutdown, breakdown & preventive maintenance schedules** of equipment and components of plants utilities to ensure zero / minimum breakdown as well as machinery increase uptime and equipment reliability

**Demonstrated success in managing production operations** with a key focus on top & bottom line profitability by ensuring optimal utilization of resources

**Track record of establishing processes & SOPs, streamlining workflow and creating work environment to enhance productivity**

**Gained international exposure to Uganda**

## WORK EXPERIENCE

J.R Metals, (Chennai) as Sr. Production Manager (Rolling Mill- Rebar Production)

Since 2021

### Key Result Areas:

- Managing the over all production and operations of rolling mill unit to maintain trouble-free rolling as well as to producing as per IS 1786 standard - reinforcement steel bars/Rebars
- Monitoring plant process performance/condition and coordinating for required corrective & preventive actions with department & management
- Supervising the entire manpower, machinery & material management to drive the best practice across industry through continuous peer benchmarking
- Improving the production capacity of the rolling mill through technological upgradations & continues improvement initiatives
- Preparing & reviewing the conversion cost of rolling mill production and ensuring maximizing the production efficiency at minimum cost of production
- Preparing technical documentation for systems requisitions & performing technical evaluations
- Scrutinizing production/maintenance schedules, shutdown maintenance, quality strategies and directing the team for on-time completion of the allocated work
- Driving forward plan improvement projects, productivity & quality improvement, cost controlling, scrap reduction, lean manufacturing and enhancement
- Adhering to SOPs, manuals & work instructions for production operations for the unit
- Reducing rejection level/rework and maximizing the yield through continuous upgradation of quality circles to maximize the profit and to observe better compliance in line with changing customer requirements
- Acting as a training specialist; imparting trainings to the teams in order to ensure the achievement of their KPIs
- Planning workflow & schedules for Production Department, monitoring production status & ensuring timely delivery; identifying delays and adjusting schedules to meet deadlines
- Showcasing excellence in managing the production of key accounts to ensure smooth functioning of the plant while keeping every elements man, machine and material intact



## PREVIOUS EXPERIENCE

Madhvani Steel Limited, Uganda as Rolling Mill Superintendent

2019 - 2021

### Roles:

- Managed the plant with capacity of 1.2 Lakhs ton per annum with semi-automated bar and rod mill with 3I stand of roughing, automatic repeater intermediate stand and 6 continuous horizontal and vertical by DANILIE with automatic cooling bed with billet feeding direct from CCM & RHF to produce a rebar as per BS 4449 standard requirement
- Reviewing activities for effective and inspirational leadership to the team, efficiently briefing on performances, guiding and training the team regarding Maintenance & processes
- Ensuring all process and operational personnel have the skills and knowledge to perform their roles safely, effectively and efficiently
- Providing guidance and direction to subordinates, including setting performance standards and monitoring performance.
- Headed the end-to-end processes of Administration & Management, Inventory Control & Order Management to counter effective outcome of increased and satisfied customer
- Monthly workforce scheduling and implementation of strict measures in operating procedures to optimize a resource/capacity utilization & initiate the implementation of Process Improvement Plans to maximize productivity and reduce cost



*Increased the Yield percentage and reduced the Furnace Oil Consumption by 3-5 litres from previous construction*

*Planned monthly workforce and implemented strict measures in operating procedures to optimize resource/capacity utilization*

*Initiated the implementation of Process Improvement Plans to maximize productivity and reduce cost*

*Established systems to conduct root cause analysis of all process and operational incidents to implement appropriate corrective actions*

Kamachi Industries Limited, (Chennai) as Asst. Production Manager

2018-2019

### Roles:

- Assisted in managing the plant production capacity of 5 Lakhs ton per annum with fully automated bar and rod mill with 20 stands horizontal and vertical by MWE-German. Billet feeding direct from CCM & RHF
- Verified operational efficiency levels and implemented various cost control measures for ensuring cost-effective procurements and improving bottom-line performance; participated in procuring materials and streamlining purchasing systems thus registered maximum productive output



- Supervised & managed overall actions including scheduling and appropriate resource allocation to maximize operational efficiency; identified key milestones and forecasted completion time line
- Monitor plant process performance/condition and coordinate with any required corrective & preventive action with concern department & Management

*Successfully completed CARES certification Auditing - (European std Certification in the year of 2018-2019)*

*Developing and Modifying new SOP for a production and maintenance department for a CARES Certification auditing*

*Development of new Vendor and suppliers & implementation and evaluation the suppliers in different aspects*

*Co-ordinate with all department to ensure smooth process execution with zero accidents*

#### **Prakash Ferrous Industries Limited, (Andhra Pradesh) as Shift In-Charge**

**2019 - 2021**

##### **Roles:**

- Worked in a plant having production capacity of 3 Lakhs ton per annum with slit rolling (4 strands in 8 mm TMT) with fully automated mill supplied by KATHURIYA rolling mill, Billet feeding from RHF& CCM to produce a Rebar as per IS 1786 standard requirements
- Controlled and maintained process parameters, stock size of rolling stand and minimized the shear-end cutting & random losses with good quality of finished products
- Formulated operational strategies for the quality function by performing long term & short-term quality planning in line with the organization requirements while ensuring proper facilities across the units for smooth operations
- Co-ordinate with all department to maintain smooth & High production achievement



*Formulating and calculating the mill speed of continuous stand during new size development (18 mm TMT)*

*Co-ordinate with CCM and rolling mill during direct charging for achieving 100% rolling of direct charge billets*

*Maintaining and reviewing ISO documents for production department*

*shift record achievement : High production / shift, less down time/year and faster section change in the year between 2020 - 21*

#### **Kamachi Sponge and Power Corporation Limited, (Chennai) as Production Engineer**

**2010-2015**

##### **Highlights:**

- Worked in a plant having production capacity of 5 Lakhs ton per annum since from Plant Erection & Commissioning. The plant is fully automated bar and rod mill with 20 stands horizontal and vertical combination supplied by MWE-German. Billet feeding direct from CCM & RHF with slit rolling (3 strands in 8 mm TMT)
- Responsible for achieving shift production target on respected shop floor by utilizing the machines at optimum efficiency and managing manpower. Frequent Inspection/monitoring of stock size, end cutting wastage, billet temperature, random and endcutting losses etc., and minimize the wastage in better way
- Rolled out TMT bars by using Slit rolling technology & facilitated the processes of Inventory Control & Order Management to counter effective out come of increased and satisfied customer/standard requirements
- Supported in timely periodic check/calibration and inspections while production & implementing corrective/preventive actions in case of non-conformances affecting product quality; also performed activities pertaining to serviceability of tools and measuring test equipment



#### **PERSONAL DETAILS**

**Date of Birth** : 24.06.1989  
**Languages Known** : Tamil/English/Hindi  
**Address** : No 1 Thiruvalluvar Nagar 1 st street, Korukkupet, Chennai, Pin – 600021, Tamil Nadu, India  
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