

CURRICULUM VITAE

Amit Singh

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Career Objective:

“To establish myself as a high performing asset of the Organization where I can realize my strengths & potential as A team leader and can develop myself aiding to the growth of the organization, making visible contribution to company’s growth, profitability, objectives & thereby self-growth by high energy level & technical contributions and to provide customer focus, understand their requirement & develop process through analysis & self-development which will ensure customer delight and enable the organization to be more competitive and profitable in these challenging economic times.”

○ **Technical Expertise:**

- * Process control of Stainless-Steel (Steel Making & Hot Rolling)
- * Development of New Stainless Steel Grades
- * Process Standardization in Steel Melting Shop, AOD, CCM, Ingot Casting, Hot Rolling, Forging, Heat Treatment and Pickling.

○ **Work Experience at:**

- * **Viraj Profile Pvt. Ltd., Steel Melting Shop (SMS) - May 2016 to Present**
- * **Jindal Steel & Power Ltd., (RUBM) - October 2014 to April 2016**
- * **Viraj Profile Ltd., Wire Rod & Bar Rolling Mill (WRM & SRM) – May 2010 to Sept 2014**

Professional Experience: (13years 7month)

Current Organisation: **Viraj Profile Pvt. Ltd., Steel Melting Shop (SMS)**

Metallurgist, Designation: **Asst. General Manager – Central Quality Dept.**

Experience: **May 2016 to Present (7years 7months)**

Responsible for all Quality Control & Quality Assurance functions:

➤ **Upstream Quality Control & Quality Assurance (SMS)**

- * Improve/Control product quality, reduce rejection rate by root cause analysis & improvise overall yield.
- * Analyse Process Gap, Develop & Deploy Process Improvement Roadmap program.
- * Conduct inter-dept. & intra-dept. meetings for quality improvement.
- * Faster response in Analysing and action planning for major diversions.
- * Cost saving and yield improvement by reducing billet extra length cutting.
- * Confirming customer’s Technical Delivery Contracts (TDC) & Providing Norms of SMS process parameters for Development of New Grades.
- * SOP preparation of critical/special grades & updating the same based on the product quality.
- * Design & implement process level audit program, reducing identification & traceability issues w.r.t quality related issues.

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- * Organise employee development trainings to groom the team.
- * Handling Internal Customer complaints.
- * Implement methods/precautions to reduce the Raw Material (Alloying Elements, Fluxes) and Product cost.

- **Internal Quality Improvement (for downstream plant rejections).**
 - * Internal quality improvement for inter-plant defects: analysis of defects and corrective action in upstream process.
 - * Analysis of SMS related customer complaints, taking corrective actions and updating in SOPs as per requirements.
 - * Communicate the internal process deviations to customer plants.
 - * Monitoring Critical Grades Rolling Activities and day to day quality issues.
 - * Conduct inter-plant & intra-plant meetings for quality improvement
 - * Monthly reviews of the day-to-day quality issues and corrective action presentation.
 - * Preparation of the metallurgical failure investigation reports & present to management.

- **Key Decision making authority: -**
 - * Heat Clearance based on customer applications
 - * Conditioning of slabs based on end applications
 - * Deviated SMS Finished product dilutions based on customer applications
 - * Clubbing of similar grades to accommodate MOQs and increase casting sequence at SMS

- **Internal and External Audit: -**
 - * Handling Internal & External Audit (ISO 9001:20015, Pressure Equipment Directive: PED)
 - * Management representative for External Audits
 - * Auditor and department representative
 - * Co-ordination with SMS team for customer audit preparations and smooth running of audits.

- **Competencies: -**
 - * Problem-solving skills.
 - * Team working skills.
 - * Adaptability skills.
 - * Decision-making skills.
 - * Analytical thinking skill

- **Working Relationships: -**
 - * SMS, Hot Rolling Mills, Forging Divisions, Heat Treatment Dept., Cold Working Divisions, Central PPC and Sales & Marketing Dept.

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Past Experience

- * Previous Organisation: **Jindal Steel & Power Ltd.**
- * Designation: **Asst. Manager - Operations.**
- * Experience: **October 2014 to April 2016 (1year 7months)**

Responsible for Inspection & Operations of Long Rail Welding Plant:

- * Improve inspection rate of 87mtr long rails.
- * Improve production rate of 260mts long rail welding plant.
- * Compliance of long rails quality as per RDSO requirement.
- * Monitoring & Managing Rail Inspection & Welding Operations.
- * Daily Rail Inspection Report & discussion of same with Rolling Mill Persons.
- * Daily Welding Production report & data control of trials with respect to quality record.
- * Delay reports & take necessary action for delay reduction, to increase daily production.
- * Handling Shift and manpower management
- * Maintain document with respect to equipments/machines, methods, consumables & take necessary action to conquer the same.
- * Implement methods/precautions to reduce the production cost.

Past Experience

Previous Organisation: **Viraj Profiles Ltd., Wire Rod & Bar Rolling Mill (WRM & SRM)**

Designation: **Engineer – Quality Dept.**

Experience: **May 2010 to September 2014 (4years 5months)**

Responsible for Process Control functions:

- **Quality Control: -**
- * Monitoring Heat Treatment & Pickling of various grades of Stainless Steel
- * Maintaining daily Rolling, Heat Treatment, Pickling parameters & Finished product quality reports and preparing deviation reports.
- * Fix/Set heat treatment & pickling process parameters based on the raw material chemistry.
- * Rolling Process Analysis, Report making and presentation for Improvement of quality
- * To carry out Metallurgical Investigation & Statistical analysis of defects after Hot rolling and Mechanical analysis in lab like, Hardness, Tensile, Elongation and RA, microstructure, etc. to understand behaviour of Grade material
- * Monthly reviews of quality issues and corrective action presentation
- * Handling Internal Customer complains & maintain quality records/data
- * Monitor new grade rolling plans and present CTQ parameters report to higher management.

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➤ **Projects Completed Successfully: -**

- * Stabilized annealing & pickling process for grade 1.4401/316 & 1.4404/316L of wire rods of 5.5 - 39.5mm size.
- * Stabilized annealing & pickling process for grade 1.4305/303 of wire rods of 5.5 - 39.5mm size
- * Stabilized rolling and forging process for 1.4362 grade.
- * Stabilized short length rejection in heavy round bar rolling.
- * Reduced rejection due to spot defect in Flat Products.
- * Reduced rejection in stainless steels grades having High Copper content.
- * Reduced crack formation in 400 series cast billets.
- * Improved forged round bar product yield (through ingot casting route).

➤ **Laboratory Experience: -**

- * Metallurgical & Mechanical analysis in laboratory-
Hardness Brinell / Rockwell, Tensile testing, Microstructure Analysis, Heat-Treatment, IGC testing

Academic Profile:

Educational Qualification	University/Board	% Marks Obtained
B. Tech (Metallurgical & Materials Engg.)	NIT Nagpur	CGPA-5.10
HSC	CBSE	61.05
SSC	CBSE	73.60

Professional Achievement's:

- * Achieved high performance rating for Year 2011-2012 for improving the HRAP quality in Wire rod mill.
- * Awarded by Gems of JSPL for the month of February 2016.
- * Awarded as Employee of the month for month of Jan'2022 for achieving Ever Highest Yield in Forged Bars by continuous improvement in ingot casting practices.

Computer Proficiency:

MS-Office, SAP

Strengths:

Continual Learner, Positive Attitude, Good Listener, Good Team player

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Personal Profile:

Name	: Mr. Amit Singh
Father's Name	: Mr. Ram Awtar Singh
Date of Birth	: 5 th August, 1985
Gender	: Male
Marital Status	: Married
Kids	: One Son & One Daughter
Current Location	: Boisar-Tarapur, Maharashtra
Native Place	: Nagpur, Maharashtra
Languages	: Hindi, English, Marathi
Religion	: Hindu
Hobbies	: Cricket, Foot Ball, Playing Computer Games
Current Address	: Flat No 7, Murlidhar Apartment, Naik Nagar, Near DeeJay Nagar, Boisar - Tarapur, District - Palghar, Maharashtra-401501
Permanent Address	: House No. 1592, Gorewada Village, P O Katol Road Colony, Nagpur - 440013
Contact Number	: +91-8698 057 114

Declaration:

I hereby declare that the information furnished above is true, correct and complete to the best of my knowledge.

Place: Boisar

Date: 20.11.2023

Mr. Amit Singh