

Umesh Rajput

Heat Treatment Professional

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Carrier Objective

12+ Years experience in Production (Heat Treatment) and Maintenance (Bell Annealing / H&T / Slitter / Pickling). Handled Gas Generation (GG) for H₂ and N₂. Looking for new challenges where I can put my level best efforts, utilize my experience and gain new knowledge.

Skills

- Confident
- Problem solving skills
- Spare management
- Technical skills
- Communication skills
- Man power management
- Leadership & interpersonal skills
- Team building
- Root cause analysis

Professional Summary

Managing production & Maintenance of Annealing section. Scheduling and follow planned preventive maintenance. Responsible for planning for improving operational efficiency e.g., power rate, fuel rate, charge weight, base utilisation, furnace utilisation. Coordinate with PPC & rolling mill for material for building charge.

Designed new convector plate to improve mechanical properties of the material. Good command over shift operations and man power management. Increased annealing production from 3500MT to 4500MT hence drill down production cost.

Raising material requisition, identifying vendors, follow up & inspection for Material required for preventive & breakdown maintenance.

Operating & maintaining of H₂ & N₂ Gas generation (GG). Active involvement in all the projects of annealing section. Responsible for Man power Management. Training given to operators and Helper for Annealing operations. IMS coordinator for annealing section. Responsible for Quality product in annealing. Assist GM in process control initiatives.

Increased charge weight from 16 to 20 MT of N₂ furnace. Increased charge weight from 43 to 45 MT of H₂ furnace. Decreased De-oxo temperature from 350°C to 190°C by timely preventive maintenance. Increased Dew point from -39°C to -60°C which helps in bright finish coils.

Material handling time reduced using magnetic arm instead of Chain. Decreased maintenance stoppages. H₂ bases modified to run each base separately using N₂ instead of H₂ whenever required. Changed the fuel of H₂ furnace and CPL from LPG to PNG. Decreased N₂ GG working time. Altered sleeve size to prevent coil from collapse.

Inhouse revamped N₂ Cracker and put in working condition which was in non-working condition and approx. cost saved Rs. 100000/-. Besides implemented various projects to cut the production and maintenance cost down.

Contributed in H&T project work. Successfully completed erection and commissioning of the project (without OEM Engineer).

Operated PLC systems and Human-Machine Interface (HMI) system for annealing process (Siemens – Simatic Manager v5.6).

Studied temperature of different zones of coils using Thermal Mapping process.

Professional Experience**Assistant Manager**

Jan 2016 to till date

Theis Precision Steel India Pvt Ltd
NH No-8, Opp GIDC, Po - Kabilpore – Navsari – 396424

Annealing In charge

Jan 2012 to Dec 2015

Enpee Industries
GIDC Bilimora – Navsari – 396321

EMT

Dec 2008 to Dec 2011

GVK EMRI 108 GUJARAT
Navsari

Certificates and Awards

“108 Savior award” by Mangubhai Patel Minister of Gujarat on 26th Jan 2011 & 15th Aug 2011.

“EMI Care Award” in Month of March, May, July & Sep. Four times in 2011.

“108 best Savior award” by Hon CM Narendrabhai Modi Gujarat in Sept 2012.

Educational Qualification

M.B.A. (Operation Management)

B.Sc. Chemistry

Personal Details

Umeshkumarsingh Harinathsingh Rajput.

B/9 Bhgyalaxmi Society, Bilimora-396 321. Tal – Gandevi, Dist-Navsari. Gujarat-India.

● DOB: 13 Dec 1985. ● Gender: Male ● Nationality: Indian ● Marital status: Married.

Languages Known: Gujarati, Hindi and English

Hobbies: Playing Cricket, Music Lover.

Declaration

I hereby declare that information given above is true to the best of my Knowledge.

Date :

Place :

Umesh Rajput