**K.N.RAO,General Manager(Steel Rolling mill(Tmt,wire rod and Structural))**

.**Having more than 24 year experience in Steel Industry, including 11.5 years in Rastriya Ispat Nigam Ltd, Visakhapatnam (A 6.0 million integrated steel plant, a public sector organization, in India).**

**Major skills:**

* **Operation ,maintenance and Quality Control of Wire rod mill,**
* **Operation , maintenance and Quality Control of TMT Bar Mill(online rolling),**
* **Operation , maintenance and Quality control of Structural mill(online rolling),**
* **Project planning, management and execution of steel rolling mills(one TMT Bar mill was constructed, erected and commissioned)**
* **Preparation of standard operating procedures and their implementation,**
* **Designing and implementation of systems, procedures and manuals for operation and maintenance and Quality Control of the rolling mill,**
* **Studying roll pass design, roll pass configuration , guide design and their modification,**
* **Ensuring optimum utilization of the rolling by increasing yield and reducing cobble/miss roll rate,**
* **Conducting ISO and QS audits,**
* **Furnace operation design and implementing systems, procedures and manuals for preparation and maintenance of the furnace,**
* **Fixing of heating curves for heating billets/blooms of different grades for rolling,**
* **Optimum utilization of the furnace by proper way of charging with the raw material,**
* **Cost control by optimum utilization of men, material and machinery,**
* **Production, planning and control,**
* **Budget preparation,**
* **Review of conversion cost for cost control,**
* **Improving operation and maintenance procedures to improve efficiency and productivity,**
* **Coordination with maintenance, stores, dispatch and marketing departments by daily review meetings, weekly and monthly review meetings to improve efficiency of the plant,**
* **Familiarity with the technology of steel melt shop, sponge iron, Ferroalloys, power plant etc;**

**Experience Summary:**

**1).Addl.General manager(operations), Msp steel and power Ltd, Raigarh,CG, India**

**Role: AS head of the heavy structural rolling mill that produces Beams, Channels and Angles of the following sizes :**

**MB-150,200,250,300,**

**HB-152X152,116X100,**

**MC-125,150,200,250,300, Angles:100x100, 130x130, 150x150**

**Role : As head of the mill for operation, maintenance, quality control and projects.**

**Achievements:**

**- Increased productivity by improving operation and maintenance procedures and raw material planning,**

**- Improved online rolling percentage from 88 to 94% of monthly average,**

**- Projects were planned and executed for improving productivity,**

**- Implemented 5-S,Khaizen and other management systems,**

**2).General Manager(operation), Tembo Steels (Uganada) Ltd,Iganga,uganda,**

**Role : As head of the department of Continuous Section mill that produces Ms angles, zsection, flats etc;**

**Planning** of production in consultation with sales department after reviewing raw material status,

Starting production and stabilizing it in coordination with all agencies,

attending **monthly review meetings** with **managing director, directors and other agencies** for

analysis and solutions for major issues in the plant,

**3).General Manager (Operations), Shri Rathi Dakshin Ltd, Biwadi, Rajasthan :**

**Role:** As **head of the TMT Bar Mill** for operation, maintenance and quality activities for producing reinforcement bars.

**Responsibilities:**

**Planning** of production in consultation with sales department after reviewing raw material status,

**Analysis** of previous day break downs and conducting daily meetings for finding solutions.

Agencies involved are production, maintenance, quality control, stores and purchase, dispatch etc;

Planning and Implementation of the jobs decided during **daily meeting** for minimizing break downs and improving efficiency of the mill,

Starting production and stabilizing it in coordination with all agencies,

attending **monthly review meetings** with **managing director, directors and other agencies** for

analysis and solutions for major issues in the plant,

**Special achievement:**

There was a problem of disappearance of longitudinal rib in 10 mm TMT bar, which has been rectified under my guidance,

Yield was improved by reducing wastage in cut ends,

Reviewed quality of spares used for maintenance and changed certain items for betterment.

**Projects:**

Construction started for effluent treatment plant, repaired water storage tanks, developed stock yard

for storage of finished goods etc;

**4). Deputy General Manager (O&M), SKS Ispat & Power Ltd, Raipur, an integrated steel plant that produces 0.60 million tons of steel products annually:**

**Role:** As **head of the WRM /TMT Bar mill(RM-3 ) department** for over all production and maintenance activities for producing wire rods of 0.12 million tons/annum and wire drawing unit.

**Responsibilities:**

**Production planning** in coordination with all relevant agencies for producing 5.5 mm diameter wire rods,

**Trouble shooting** of all production problems in coordination with quality and production staff,

Conducting production **review meetings** with all agencies,

Attending **weekly review meetings** conducted by **Joint Managing director**,

**Special achievement:**

There was a problem of more end rings formed during 5.5 mm wire rod rolling, which has been rectified under my guidance,

There was an issue of high percentage of miss rolls during usage of certain quality of raw material for production, which was studied and solved under my guidance

**5).General Manager, M/s.SBSIPL, Vizianagaram, Andhra Pradesh,**

**(From June,2010 to August,2014)**

It is a new rolling mill, set up for producing one 0.12 million t/annum of 8 to 32 mm TMT bars.

**Role:** As **head of the project** for construction, erection and commissioning of TMT Bar mill.

**Responsibilities:**

It was a Green Field Project, intended for producing world class TMT bars, which was implemented under my guidance,

Rightfrom foundation up to commissioning of the plant, all jobs were planned and implemented under my guidance in consultation with top management and project staff of all agencies,

Lay out finalization and equipment selection after careful study of technical parameters for the required capacity of the plant were carried out,

Erection and commissioning of the plant was done successfully with excellent quality of production

**6).Deputy General Manager (works), Sujana Metal Products Ltd**; **Visakhapatnam, Andhra Pradesh,**

(July,2004 to Nov,2008)

It is a Structural Rolling mill that produces 0.10 million t/annum of medium to heavy structural products namely angles (up to 200 x200x25 mm), Beams (up to ISMB-500 mm), Channels (up to ICMC-400), slabs, Rounds (up to 210 mm diameter) etc;

**Role:** As **Operational Head** looking over all production planning, raw material planning, quality control and developmental activities.

**Responsibilities:**

Coordination of Raw material, production, maintenance, stores and purchase and marketing departments for the operation of the plant,

Managing the entire factory, having **600 plus workers and executives.**

**Special achievement:**

There was a problem of frequent roll breakage, which was hampering production causing huge production loss. Quality of rolls was studied and standards were set right, since then there has been tremendous improvement in the quality of rolls, break downs were minimized.

Quality standards of beams, channels, rounds etc; were improved that Sujana structural products stood at front line in Indian market.

There was frequent damage of 40 t/hr furnace hearth lining due to usage of heavy blooms of 320 mm x 250 mm size. To combat the problem, one special hearth brick was developed with improved quality in coordination with the refractory industry’s technocrats. It was a great achievement for the life of the furnace hearth lining.

**Project planning and execution:**

New cooling bed and new stock yard were constructed and shifting of electrical substation was done,

One new drive of 24 inch mill was erected and commissioned Period: four years and two months

**7). Dy.Manager (operation), Visakhapatnam Steel plant ,Visakhapatnam, Andhra Pradesh,**

**(From November,1988 to May,2000)**

**7 (Seven) year experience as below:**

**Role: Shift manager,** looking over all production activities and had Hands on experience in the operation Of Light and medium merchant mill for producing Reinforcement bars( 10 to 32Mm diameter), plain rods(up to 36 mm diameter), angles(up to 60 mm x60 mm), and Channels(up to 75x42).

**Responsibilities:**

Mill Setting and stabilization of the entire mill for producing all the above products individually,

Hands on experience in mill setting and stabilization,

Speed Control, Size control and Quality control,

Roll changing and stand changing,

Trouble shooting of all production problems,

Co-ordination of operation, mechanical, electrical and instrumentation departments for Uninterrupted production.

**Five (5) year Experience as below:**

Quality control and inspection of steel products namely steel billets, blooms, wire rods etc;

Quality testing and analysis of sinter for blast furnace

Mechanical testing of wire rods for the properties of tensile Strength, yield strength, % elongation, hardness, bend test etc;

**Professional Qualification:**

**AMIIM i.e. Equivalent to B.Tech (Metallurgy)**

**L.Met.Eng ;( sw) in Metallurgy**

**Certificate:**

**Bvqui ISO internal auditor certificate IT knowledge:**

**Ms office, C, C++, java etc;**

**Ramco on demand ERP**

***Training:***

Six month industrial training in **Forging, Heat treatment, Electro plating etc; at BHEL, Hyderabad,**

Six month industrial training in **steel melt shops, hot rolling mill, cold rolling mill, metallographic laboratory etc; at Midhani, Hyderabad,**

**Six** month industrial training in **Bhilai Steel plant, Bhilai**

**Attended various management and human resource management programs conducted by Visakhapatnam steel plant**

**Attended one day seminar on soft skills, conducted by Aptech Computer training centre, Visakhapatnam**

**Attended 3 day training programme on " Ramco on demand ERP", Conducted by Ramco, Chennai**

**Attended 3 day training programme on ISO 9001 internal auditor certificate course, Conducted by BVQI and got the certificate, which was awarded after screening test.**

**Personal details:**

**Date of Birth: 01.08.1967**

**Email: nrkoyya@rediffmail.com, nrkoyya@gmail.com,**

**Cell: 09397850243,**

**08790047902**