

RESUME



Manoj Ramakant Mishra
Shakti Society, Laxminagar,
Khopoli. Block no.1, Room no.4,
Khalapur Taluka, Raigad
Maharashtra 410203
India.

Email Id / Skype Id: manojmishra66410@gmail.com
Contact no: +91-9890461979 / +91-9096967211
WhatsApp : +91-9890461979
Passport No : Z-5513226
Date of Birth: 12 May, 1979
Marital Status : Married

A result oriented professional with **18 years'** experience in all operational aspects related to reheating furnace used in the steel industry. My experience and knowledge ensure proper control of furnace during normal operation, foreseeing performance bottlenecks and taking corrective measures to realize proper product quality. I am an effective communicator with excellent negotiation skills, strong leadership qualities and analytical power and am a team player and have working international and multicultural work experience.

OBJECTIVE:

To be a part of a steel rolling mill to enable me to contribute my knowledge and skill to realize organizational goals.

Equipments Handled:

BRF Pusher type walking beam & walking hearth furnace capacity 35MT/H, 50 MT/H, 90MT/H, 120 MT/H and 140 MT/H respectively and its auxiliaries. Worked with oil-fired and natural-gas fired systems.

WORKING EXPERIENCE

Organization	ALGERIAN QATARI STEEL (ALGERIA) <ul style="list-style-type: none">• Mill design and automation done by DANIELI with 140 MT/H walking beam natural gas-fired furnace with automation LEVEL 2• Furnace has total 38 burners in top/bottom respectively• Charge billets (150 x 150) 12 m x 6 m provision• Billet centering is done by encoder and speed integration• Furnace all 6 zone control temp by PHL system• Furnace has provision of cascade mode• Zone 5 and 6 also use flame and flameless system
Designation	Furnace Incharge
Duration	July 2017 - December 2019
Responsibility	<ul style="list-style-type: none">• Involve the commissioning of furnace with DANIELI group

	<ul style="list-style-type: none"> • Continuous monitoring of 140 T/H walking beam Reheating furnace. • Complete responsible for walking beam furnace operation for 8 mm to 40 mm rebar and 5.5 mm to 14 mm rebar and plane coil plant. • Check the burner and furnace condition for correct flame and mixture of air and gas. • Determine root cause of poor furnace operation through analytical interpretation of furnace screens, monitor and data. • Ensure accurate tracking and positioning of billets through the furnace to discharging. • Operate a modern walking beam furnace through modern HMI and LEVEL 2 automation control system. • Charge the billets according to the mill requirements such as pacing for heat change, size change or other mill requirements. • Maintain the furnace temperature and pacing to maintain beam blank temperature suitable for rolling. • Monitor and manage the furnace to ensure safe and stable operation at all time. • Shutdown the furnace in safe manner in emergency condition. • Handle combustion control system, temperature control and charging/discharging operation. • Control all parameters (temperature in zones, furnace pressure, billet heating and soaking time for different grades of billet) for furnace according to standard operating procedure and work instruction. • Maintain all documents such as charge/discharge billet heat no., heating and soaking time and other parameters for ISO audit. • Make daily charging and discharging report. • Routine checking of furnace refractory condition, shell temperature, heat loss and scale loss analysis. • Continuous monitoring all parameters in HMI and giving feedback to shift engineer. • Housekeeping and maintenance during shutdown.
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Organization	QATTAR STEEL LTD ,U.A.E <ul style="list-style-type: none"> • Mill designed by POMINE and automation done by SEIMENS with 90 MT/H Pusher type (Oil-fired furnace)
Designation	Furnace Incharge
Duration	March 2015 - May 2017

Organization	African Foundries Ltd., NIGERIA <ul style="list-style-type: none"> • Mill designed by WESMAN and automation done by SEIMENS with 50 MT/H Pusher type (Natural gas-fired furnace)
Designation	Furnace Incharge
Duration	January 2012 - January 2015

Organization	Mukalla Iron & Steel., Yemen <ul style="list-style-type: none"> • Mill designed by FORNI COMBUSTIONE and automation done by SEIMENS with 120 MT/H Pusher type (Oil-fired furnace)
Designation	Furnace Foreman.
Duration	January 2011 - August 2011

Organization	Al Yamamah Steel, Yambo (Kingdom of Saudi Arabia) <ul style="list-style-type: none"> Mill designed by FORNI COMBUSTIONE and automation done by SEIMENS with 120 MT/H Walking hearth type (Oil-fired furnace)
Designation	Furnace Foreman
Duration	September 2008 - November 2010

Organization	Al-Ittefaq steel products company 2 Makkah, Kingdom of Saudi Arabia. <ul style="list-style-type: none"> Mill designed by TECHNO THERMA and automation done by SEIMENS with 120 MT/H Pusher type (Oil-fired furnace)
Designation :-	Furnace Foreman.
Duration :-	April 06 - August 2008

Company (7):-	ISI BARS LTD, Khopoli-Maharashtra. <ul style="list-style-type: none"> Mill designed by Vulcan and automation done by SEIMENS with 35 MT/H Walking hearth type (Oil-fired furnace).
Designation :-	Furnace Operator
Duration :-	May 2000 – March 2006

EDUCATIONAL QUALIFICATION

- Bachelor of Science (B.Sc Chemistry), Second division, Mumbai University, India
- Higher School Leaving Certificate (H.S.C) , Second division, Mumbai University, India
- Secondary School leaving certificate (S.S.C), First division, Pune University, India

Date:

Place: Khopoli, India

(Manoj Ramakant Mishra)