Curriculum Vitae

ENGR. IMDAD ALI MEMON
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CAREER OBJECTIVE:

To pursue a challenging position in a reputable organization, which can provide a significant professional growth and utilize my education/analytical abilities.

EMPLOYEMENT HISTORY

• Shift in charge continues casting (Billet Casting, slab casting, bloom casting) from July 2005 to July 2007. Pakistan Steel Mill Corporation Limited.

Executive Engineer (Production, planning and control /Process Engineer since July 2007 to till date in Pakistan Steel Mill Corporation Limited.

Responsibilities in general shift.

- **Co-ordination with each production unit in Pakistan steel, working round the clock.**
- **Co-ordination for providing logistic support to enable production units operate smoothly.**
- **Monitor production of each unit on hourly basis/fixed time to ensure fulfillment of production plans for the day. In this regard, responsibility is to resolve all types of problems faced during production activities.**
- **prepare daily summary report detailing all problems /stoppages faced during the 24hours and detail daily /monthly plans of all the units.**
- **Briefing the management daily at 8:30 hrs with daily summary report highlighting Deviation from daily/ monthly plans.**
- **To prepare production plans of production process of Pakistan steel.**
- **To prepare monthly maintenance plans and yearly capital repair schedule.**
- **To monitor production and maintenance activities.**
- **To process and break downs apprise senior management (GM's and Director's& CEO) of the status of production**
- **To do crisis management in case of any eventuality breakdown, accidents or Incidents through prompt coordination.**
- **To plan the procurement of raw materials, imported and indigenous, required for Production process.**
- **To monitor the raw material stock and review consumption norms accordingly.**
- **To facilitate cost accountant in evaluation of production cost.**
- **To prepare yearly production budget and to review it as the situation warrants.**
- **To manage all the requirements of the plant to get destined production targets.**

ROLLING SECTION:-

Planning of monthly production of rolled Billets and HR &CR products with details of Size and grades against marketing demands. Monitoring Daily /Monthly production against approved daily Monthly plans

HOT METAL SECTION:-

- **Planning of "production of coke & hot metal.**
- **Planning "yearly raw material" requirement against budgeted plans of the year.**
- **Preparation of yearly /Quarterly shipment schedule for procurement of coal /Iron Ores.**
- **Planning of monthly production plans for Coke and Hot Metal Production.**
- **Monitoring Daily / Monthly production against daily / Monthly plans and Deviation format.**

Responsibilities in rotational shift:-

JETTY:-

(Receives foreign material as coal, iron ore (lump & fine) through ships.)
Unloaded with unloaders and shift the material to stock yard through 4.3 km length conveyor belts.

RMHD: - (Raw material handling department):-

Receive all types of raw materials for preparation of coke, sinter, and hot metal.Prepare required blends and supplies it to the concerned users with the help of machines, (Universal machines, stackers and reclaimer machines) through conveyor belts.

COBP :- (Coke oven & by product):-

Receive coal form jetty and produce coke, coke oven gas and coal tar. From coal.(Being used lump coke up 25 mm in blast furnace for iron making and 0-25 mm for sinter and gas and coal tar for TPP as fuel.)

SINTERING:-

Receive and utilize all type of fine of coke, Iron ore and raw materials (dolomite lime stone sinter grade manganese .mill scale, sludge) agglomerate and fine sinter for blast furnace.

IMD: - (Iron making Department):-

Produce hot metal and Blast furnace gas from iron ore sinter and other additives.

SMD: - (Steel making department):-

Convert hot metal into steel grades in LD converter through oxygen blowing as per plan by adding additives (calcium fluorite, Ferro manganese, Ferro silicon, neubioum, vanadium, aluminum, scrap and lime (for produce slag) and some others. after prepare of heat for casting. It is also being purge /homogenize through purging with nitrogen gas for to maintain its temperature for casting as per steel grade and casting machine.
(I) Cast steel Slab (1020, 1100, 1250, 1290, 1300and 1550 mm) in required shape and size hot rolling and cold rolling process.
(II) Cast billets (100,120,150 mm) for direct sale and bloom (250 mm) for billet mill to roll it in different sizes (25, 50, 75, 80, 100, 120, and 150 mm) and also for making round bar and some other purpose.
(III) SMD has also 1300 ton hot metal Mixer to stock hot metal and hence to consume it in accordance with line.

(IV) Take all the safety measures for safe casting process.
(V) Deep knowledge of casting process.
(VI) To maintain quality standards of the Process.
(VII) To control and supervise operation of Billet caster (06 strands plant) from starting to Completion of casting process.
(VIII) Preparation of tundishes checking of refractory and all the stopper of tundishes.
(IX) Check the temperature of ladle and tundish before and during casting.
(X) Check all the parameters of waters cooling and all the mechanisms before and during casting.
(XI) To run the process smoothly. And also checking of all the parameters of gas cutting Mechanisms before and during casting.
(XII)Control and maintain the required parameters of tundish preheating, refractory lining of Tundishes and also refractory and preparation of steel ladles.
(XIII) Deep knowledge of all the refractory items used in steel ladles and tundishes.
(XIV)To monitor the life of ladles /tundishes keeping in view physical condition of the refractory Lining.
(XV) Deep knowledge of purging as per steel grades and also control the temperature to cast the heat smoothly as per quality control norms.
(XVI) To make high quality/special grades of steel (GR 60 vanadium, Gr 60 niobium) by Observing special techniques and skill to provide opportunity to the employer to get more profit
(XVII) To take all the safety measures.

R&LP: - (Refractory's and Lime production complex):-
Production of all types of refractory bricks and refractory materials Bf mass shamotte lime. (Tar bonded dolomite bricks in different sizes and shapes calcine the raw dolomite in dolomite kiln and then press it in mould of pressing machine.
(Prepare the material in Fire clay Kiln and then make different sizes bricks and then cook into Tunnel kiln.(all type of required refractory bricks used for lining of converter, mixer , hot metal ladles ,steel ladles and use for the insulation of Turbo generators. and Boilers , and also commercialize.

Oxygen plant:-
Produce oxygen and nitrogen from air utilizing its oxygen compressors, Nitrogen and air compressors to meet all types of requirement at production units and maintain activities can stock liquid oxygen to ensure unculurepted supply in case of emergency and also commercialize.

ASGN: - (Air steam & gas net work):-
Maintain sectional supply /distribution of compressed air (self produced) and all gases (natural Gas from (SSGC), Bf Gas (self produced) and Coke oven gas (self produced).

HSM: - (Hot strip mill):-
Convert slabs into different sizes (thickness & with) of strip/ sheet making coils and plates under hot rolling methods. (Re heating through re heating furnaces, skull breaking, Universal stand, and other seven stands to reduce its thickness as per requirement make coils with the help of four coilers. and then some coils for commercial purpose and some for further processing in CRM.

CRM: - (Cold rolling mills):-
Process coils /rolls in staring pickling towards reversible mills annealing, temper mill, slitting unit ,Galvanizing unit and also shearing unit's .under cold rolling method.

TPP/PDN - (Thermal power plant /Power distrubition net work):-

TPP supplies power to entire plant as per load plan through PDN.02 of 03 turbo generators remains in operation to generate about 120 MW electricity/ hour in coalition with 03 mega size Boilers (producing steam, where Natural gas, BF gas, coke oven gas and coal tar is used as fuel).PDN distribution the electricity among plants / complexes through DS's in accordance with load management as per capacity consumption.

WS&SS: - (Water supply and sewerage system):-

Draws huge quantity of sea water through channel pipe lines and pumps for cooling purpose and for producing steam at TPP and other plants .maintain supply of all types of industrial and fresh water to plants and residential units through its pump houses control manages rain / storm water to avoid any damage insure of all cables and communication tunnels around the plant.

CMD: - (central maintainence department):-

Repair and manufacture spare parts to the entire of these mills with the help.
Maintain /Runs heavy mechanical and electrical work shops where various type of mach and elect machines are functioning. Repair and manufacture spare parts to the entire plant machines in its work shops, Heat treatment shop, Foundry shop Forge and fabrication shop. Rubberizing shop, MRHT shop, PERS (E) shop, PERS (M) shop,

Safety and Fire fighting department:-

Five fire tender with fire men remains always in alert position in case of emergency. Automatic fire fighting system witch indicate fire through smoke observation and automatic operate

Railway Department:-

06 railway engines are remaining operation sufficient quantity of wagons for shifting of hot metal form IMD to SMD and also use for raw material, scrap, pigs etc.

PAT and PARC Department:-

20 Bucket loaders.25 dumpers, 10 big cranes, Trucks, Excavators, shawls Bobcats, trailers fork lifters, Dozers, Tractors, are being used in plants and also repair maintenance is being carried out.

SECURITY Department:-

Manage all security plans as per policy .deploy security guards in different security posts, Control through security control.

Other Experience:

Accounting, Site Incharge, WAPDA, Administration

QUALIFICATION:-

Degree	Grade/Division	Board/ University
MA Economics	2nd Class	SALU Khairpur
B.E (Metallurgy)	A-1 1st(2nd position)	MUET Jamshoro
H.S.C	A/1st	BISE Sukkur
S.S.C	A/1st	BISE Sukkur

THESIS/PROJECT:-

1. Failure Analysis of Gas turbine blades Power house Kotri.
2. To work for the revival of Pakistan Steel Mills.

COURSES/SEMINARS:-

• 3 Days training workshop on ISO 9001: 2000, Total Quality Management, Effective communication from August 31, 2005 to September 02, 2005.
• Five days course on industrial safety and Accident prevention from December 19, 2005 to December 23, 2005.

SKILLS:-

- Problem Solving, Analytical, Team coordinator, Interpersonal
- Window-2010, MS-Office, Internet Management, HTML, MS-Visio, MS-DOS
- Fluent in English, Urdu, Sindhi, siriaki, Punjabi, Baluchi.
- Full expertise in ERP system (Accounting, Payroll, Store, HR/Admin, Record room, Examination)

MEMBERSHIPS/REGISTRATIONS:-

Pakistan Engineering Council.
P.E.C Registration No: Metal/ 1581

PERSONEL INFORMATION:-

Date of Birth: 13-09-1975

REFERENCES:-

Will be furnished on demand