RESUME

AWADHESH KUMAR

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Career Objective

To work in your organization with full of my capabilities, sincerity & to enhance my knowledge for development of the organization, country and myself.

Highlights

Project Execution	Maintenance Operations	Liaison / Coordination
Cost/Energy Savings	Team Management	Erection & Commissioning
Documentation /Reports	Spare Part Management	Material Procurement

Educational Qualification

BE in Mechanical Engineering **Score – 66%**
SITMS RATLAM, Rajiv Gandhi Proudyogiki Vishwavidyalaya BHOPAL, MADHYA PRADESH, India

Diploma in Mechanical Engineering (2007) **Score – 65%**
Naveen Government polytechnic Patna, Bihar, India

10 th passed From BIC Padrauna Kushinagar (UP) with 58%, during 2003-2004.

Work Experience: - Over All 11 years of Experience

Presently working as **Sr.Engineer/ Shift In charge** of operation and maintenance in RSWM Ltd**. (**LNJ bhilwara GROUP) at Banswara, Rajasthan (2x23MW) from Feb. 2012 to till date.

1. **Rajasthan Spinning and Weaving Mills Ltd.**

Responsible for Smooth operation of plant, all related jobs coming under maintenance, Job Planning, Spare Management, Fabrication & Erection, Safety Audits. Continually improved methods and procedures for processes. Recommended design modifications to eliminate machine and system malfunctions.

Boiler Specification

Make	:	M/S ISGEC
Type	:	Water Tube/Single Drum AFBC Boiler
Capacity	:	2x105 TPH / 66 ATA / 495^{O} C

Turbine Specification

Make	:	M/S BHEL ltd.
Type	:	Extraction / Condensing Turbine
Capacity	:	2x23MW

Pressure : 65 KG/CM^2

Temperature : 495^O C

CHP Specification

Make : M/S SAYAJI IRON & ENGG. Ltd.

Capacity : 140 TPH

8.8 MW SOLAR POWER PLANT

Both TG and Solar power plant are synchronize with GRIDE and controlling by (ILMS) intelligence load management system, maintain import and export power schedule local and auto mode.

2. **THERMAX LIMITED.** Site– JK WHITE CEMENT LTD.

Designation**:** Desk Engineer (April 2011 to Feb 2012)

Captive- Power Plant located at Jodhpur. (RAJASTHAN)

In a 7.5 MW captive power plant. Having 7.5 MW China makes Turbine and Thermax make 32 TPH, 66 Ata AFBC Boiler and auxiliary.

3. **SHYAM SEL & POWER LTD.** (Feb-2009 to Apr-2011)

Worked as an Engineer DCS Operation

AFBC 30TPH, WHRB 3x5 TPH, turbine 8.2 MW

Job Responsibility

- Tech Responsible for DCS operation of Boiler, turbine & Auxiliary for Unit synchronization & in full load & part load of (2x23 MW) Unit.
- Inspection ,supervision, field and DCS operating with Local Line Up, Clearance & permissive for Startup & shutdown and safe operation Activities of unit(BTG) and its Auxiliary ,Change over & Trial of Equipments, and Equipment's Health Monitoring also
- Operations as light up, turbine Rolling, cold stat up, normal, Hot start-up, Warm start up, Normal operation, load Ramp up & Ramp down, Emergency handling, safe shut down of units
- DCS and field operation of boiler, & turbine with optimum efficiency of 46 mw by keeping close watch on the parameters.
- Instructions to Field operators for Local Line up, Clearance for startup & shut down and safe operation of unit.
- Monitor the load of machine and maintain load Schedule as per requirement.
- Monitor plant operation handle emergencies including shut down of units and load throw off to control generation as per Requirements /Shift in-charge instruction.
- Co-ordinate with maintenance Dept. for Day to Day operation and during the preparation for Equipments Hand-over and Normalization.

- Issue and cancellation PTW (permit to work) system by SAP and manual permits also and Raising Defects/ Faults in SAP with safe isolation, Normalize, Personal safety and equipments safety.
- Following SOPs and operation manual for safe operation, I have functional Experience, Drive for Results, Very Good Communication Skills and Good
- Interpersonal skills, Good Convenience power. And always keep To Learn new ideas. Maintenance of Coal Handling Plant.
- Maintenance of Sayaji Make Impact Crusher, Vibrating Screen
- Carrying out Conveyor Belt Replacement work (650mm and 800 mm).

- Looking After maintenance of Gear box, Conveyor Pulley, Dust Extraction system, Compressors, Pumps, and Fans.
- Doing Daily Job Planning, Maintaining Records of Daily Jobs, Breakdown Durations and analysis of Breakdown.
- Carrying out Conveyor Belt Replacement work (650mm and 800 mm).
- Carrying Out Preventive, Periodic & Shutdown Maintenance.
- Eliminating Downtime of Equipment by Procuring and Maintaining Critical Spares availability all the time.
- Preparation of Purchase Indents as per specification and procurement of required materials.
- Maintaining Documentation regarding Maintenance activities such as manuals, Catalogues, Drawings. Management of Mechanical Manpower and assigning routine jobs.
- Trained Technicians regularly and engaged in discussion with my colleagues about the critical problem of equipments to conclude the best simple solution.
- Welding process and its defects findings using NDT (Dye penetrates Method).
- Involved in Ultra Sonic Test of Bed coil, Economizer Tube, Super Heater Tube, Water Wall Tubes, and Cross during Annual Shutdown.
- Vibration Analysis of Pumps, Fans, Crusher for proper maintenance and minimize breakdowns.
- Identifying unsafe conditions and work for them to eliminate the hazard completely. Encourage my colleagues and technicians to report Near miss without fail to eliminate the hazard involved and to prevent before it occurs as a accident.
- Using safety standards like Work at height standard, Scaffolding standard and PPEs standard for maintenance in plant.
- Carrying out Effective application of 5S Technique for better housekeeping.
- Taking Measures for safety at work to avoid any hazard by proper implementation of SOP's.
- Maintenance inspection and vibration monitoring.
- Blower, heat exchangers (LP, HP Heaters, Economizer, Air Pre Heater, and Deaerator) and Different types of valves.

- Planning of effective maintenance schedule of boiler, turbine and their auxiliaries like condenser, ejector, cooling tower, air compressor, AHP (Ash Handling Plant), CHP (Coal Handling Plant), ID Fan , PA Fan , FD Fan etc.
- Handling all the activities during unit shut down.
- Manpower handling & proper utilization.
- Prepare schedule of preventive maintenance.
- Coordinating the different department and working people
- Governing the inventory function of spares involving planning for storage and use of material so as to improve storage conditions and reduce expenses & wastage to minimum.
- Erection & commissioning of vertical & horizontal centrifugal pump.
- In case of emergency any drives trip take immediately action and safe start up, shutdown & safe operation of boiler and its auxiliaries.
- Steam blowing of boiler with critical piping including auxiliary steam line
- Maintenance of Pumps, Gear boxes, Coal feeders, slag coolers, oil guns, various fans and other mechanical equipment's.

IT skills & Certificate Courses

Computer Awarnace course (CAC) AutoCAD 2007.

MS Office (MS Word, Excel, Power Point).

ERP, SAP

Personal Details:-

Languages Known	:	Hindi & English
Hobbies & interest	:	Listening Music, Reading Books, Painting
Marital status	:	Married
Notice Period	:	1 Month

Declaration

I do here by declare that the details furnished above are true to the best of my knowledge & belief.

Date: - 12/12/2020

Place: - Banswara Awadhesh Kumar