

RAVINDRA SINGH
TECHNICIAN ENGINEER

Date of Birth: 20th March 1973

Nationality: Indian

Marital Status: Married

Address: Flat#4, Bld#1056, Road#1119, Block#911, Riffa/AI Sharqi, Bahrain

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CAREER SUMMARY:

- 20 Years of experience in the Design, Commissioning and Maintenance of different types of Plant and Utility Equipment's.
- 13 years of experience in the Carbon Maintenance section of 3 different Aluminium Smelters.
- Actively involved during the commissioning and start-up phase of Paste Plants of Bharat Aluminium Company(Vedanta), India.
- Worked as a First response technician during the start-up of Paste plant, Rodding, Kilns and Bath plant sections in Sohar Aluminium, Oman.
- Proficiency in the troubleshooting of Electro-Mechanical, hydraulic and pneumatic fault's in a PLC based plant equipment's and their maintenance.
- Use of Office Software's and SAP in Maintenance Management System.

CAREER HISTORY:

Aluminium Bahrain (Alba)

August 2011 - Present

Technician Engineer

Currently Working as a Technician Engineer in Carbon 1&2 section. I am Performing duties as days or Shift technician as and when required. While working with day's crew, I am looking after the Paste Plant 1&2 major maintenance activities, whereas working in Shift, breakdown maintenance activities of Baking Furnace(kilns) 1, 2&3 are also involved along with Paste Plant. The Major plant equipment's involved are Anode Presses, Vibrating Compactors, Buss Kneaders, Eirich Coolers, Different types of Conveyors, NKM and ECL Make stacker and FTA Cranes, apart from other general plant equipment's like pumps, fans Bag Filters, Vacuum Pumps etc.

Sohar Aluminium Company Ltd, Oman

July 2007 – June 2011

Mechanical Technician

- Attend the Safe Start meeting with Production; discuss issues and set Priority.

- To Identify critical issues with equipment design, operation and safety and implement modifications; suggest improved methods and procedures.
- Establish and maintained a strong feed-back amongst Shift, Day and Reliability team which can facilitate effective Maintenance Planning, analysis and elimination of Root Cause.
- Create Notifications for any planned job in SAP stating manpower, spares and shutdown requirement clearly.
- To participate in the execution of 5S Management system.
- Attend breakdown, assess the maintenance requirements, evaluate and select the best method, to obtain necessary work permits and perform the work safely in accordance with Company's EHS Policy.
- Initiate the call to Standby team or Contractors in case of two or more critical breakdowns; Manage and coordinate their activities, provide technical assistance.
- Observe and maintain the minimum stock level of critical Equipment's spares.
- Handle PM work orders, notifications in SAP systematically according to work process.
- Development and improve task lists, SOP's and working methods, improve equipment efficiency and availability.
- Assist in the execution of 5S Management in shop floor, store, workshop and mobile equipment.
- Installation, Commissioning, Overhauling and Troubleshooting of following general Plant equipment such as Gear boxes, Compressors, EOT Cranes, Hydraulic/Pneumatic Circuits, Cylinders and Actuators, Pumps, Fans, Blowers, Rotary Valves, Motorized Gates, Vibrating Screen & Feeders and Magnetic separators.
- Maintenance of the Following typical Carbon Plant equipment such as: Heavy Duty automated multipurpose EOT Cranes - Make NKM & ECL; Past Cooler & Paste Mixer - Make EIRICH; Vibrating Compactor - Make SOLIO'S and Butt & Thimble Press, Anode Casting Car, Anode Casting Station - Make KHD, Germany.

Bharat Aluminium Company Ltd. (Vedanta), India

November 2004 – July 2007

Senior Mechanical Technician

- Receive online feedback from Control room Operator of the Equipment Malfunction during production; attend the job, assess abnormality and act based on the gravity of the problem.
- Provide feedback for follow up to next shift/day team.
- Lead Green Anode Paste Plant maintenance team and carry out the assigned PM or Breakdown jobs complying with BALCO's EHS policy and Safety Standards. Execute 5S in shop floor.
- Maintain Stock of the Consumables and frequently used spares.
- Participate in Safety talks and mock drills.
- Carry out the typical jobs such as, diagnosing Hydraulic and Pneumatic faults in Vibrating Compactors, Paste Kneader, Paste Mixer; Change or repair of Hydraulic and pneumatic cylinders, DC Valves, gear boxes, pumps, bearings and V-Belts; Alignment of Bucket Elevators, belt conveyors and roller Conveyors.
- Replace hammers of Crushers; Change liners plates in Ball Mill, check its automatic lubrication system, condition of gearbox, splined shaft and couplings. Repair the P&F Trolleys.

Razat Enterprises, Raipur, India**January 1999 – July 2004****Service Engineer**

- Lead, Manage and Coordinate the activities of technicians for delivering technical services and solutions on time, to a broad range of Clients.
- Planning, Scheduling and Execution of the Annual Preventive Maintenance Plan.
- Order and maintain critical spares for PM and Breakdown.
- Failure Documentation, investigation and Analysis. Process the information for warranty claims.
- Installation and Commissioning of different capacities Reciprocating/Screw Compressors, Vacuum Pumps, Air Driers and accessories of Air Plant like Reservoir, Auto Drain Valve, Flow Meters, Safety Valves, Pressure Regulators, Pressure Gauges, Air filter, Oil filter etc.
- Commissioning and Maintenance of Escorts Make Construction equipment like Hydraulic Mobile Crane, vibratory Compactor, and Forklift etc.
- Maintenance Overhauling and troubleshooting of Reciprocating/Screw type of Air Compressors Make Elgi, Inger Solrand, Chicago Pneumatics, Kirloskar And Atlas Copco

Central Automobiles, Raipur, India

January 1997 – December 1997	Trainee Service Engineer
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Learned the following skills.

- Use of workshops tools and equipments.
- Automobile spare parts grouping technology,
- Maintenance and overhauling of diesel engine vehicles.

Education/Training:

- Diploma in Mechanical Engineering in 1996 from the M.P. Board of Technical Education, Bhopal.
- Mechanics of the stacking Crane from ECL.
- Electric Arc Welding and Oxy-cutting course From Rusyal Institute LLC. Oman.
- Course in Electro-Pneumatics from Festo.
- Diploma in Hydraulic Pump, Motor, accumulator, cylinders and valves from Parker.
- Rigging and Slinging from National Training Institute LLC. Oman/
- A course in Working together for Team members by MacDonald Associate Consultancy.
- Operation of Scissor and boom lifts.

IT SKILLS:

- Office software and Maintenance Management software like SAP.

OTHER DETAILS:

Passport No. K7435077, Issued at Bahrain, Expiry Date: 08/12/2022

Driving Licence: 730302920, Issued By Kingdom of Bahrain, Expiry Date: 14/01/2022

I declare that that the above information's are true to best of my knowledge.

Date:

Place: Bahrain

Ravindra Singh