

**Diploma in Electrical Engineering-D.E.E.** (Gov. Polytechnic, Ahmedabad) with **Bachelor of Business Administration-BBA** and **Multi-faceted Manufacturing Experience**, seeking senior level assignments in Manufacturing Operations/ Maintenance Management with an organisation of high repute.

### Professional Synopsis

A dynamic & competitive professional with **22 years** of experience with exposure to the followings:-

|                               |                                |                                 |
|-------------------------------|--------------------------------|---------------------------------|
| Production Management         | Plant Operations & Maintenance | Printing & Packaging Operations |
| Productivity Improvement      | Installation & Commissioning   | Cost Reduction / MIS            |
| Production Planning & Control | Project Excellence             | Process Engineering             |

Have been associated with **Bennett Coleman & Co. Ltd (The Times Group)**, (Vadodara, Gujarat) as **Manager** and worked with **Dainik Bhaskar Group** (Ahmedabad), **Moser Baer India Ltd.** (Noida, India), **Bayer India Ltd.** (Gujarat), **Ahmedabad Electricity Co. Ltd** (Ahmedabad).

### Professional Experience

Working with **Bennett, Coleman & Co. Ltd.** (The Times Group-Newspaper Printing unit) as **Manager** from December'07.

#### Accountabilities:

- ⌘ Heading and performing Breakdown, Preventive, Predictive and Proactive maintenance of the printing plant.
- ⌘ Maintenance of Printing m/c's, Packing line, CtP, Server, UPS, Air compressor, DG, AC, HVAC, RO, ETP/STP.
- ⌘ Executing cost saving techniques / measures and modifications to achieve substantial reduction in Operations & Maintenance expenditures and work within the budget.
- ⌘ Implementing strategies for building effectiveness by promoting a spirit of cooperation between team members.
- ⌘ Allocation and Utilization of Manpower, Tools and tackles, Measuring & Test equipment's.
- ⌘ Control of shift downtime and product problems due to machine abnormalities.
- ⌘ Assessing, Planning and Procurement of spare parts.
- ⌘ Participate in improvement, 5'S and kaizen activities.
- ⌘ Coordination with other support functions to maintain optimum productivity.
- ⌘ MIS preparation and updating machine history and shift log.
- ⌘ Facilitate and guide work associates in terms of repairs, troubleshooting, spares, tools and other resources.
- ⌘ SPC & Six sigma based project execution.
- ⌘ Modifications in equipment, process flow, working practices, consumables, power, etc. for controlling & reducing conversion cost per unit produced.
- ⌘ Exposure in High Technology Manufacturing Operations.
- ⌘ Established production & process norms in manufacturing plants.
- ⌘ Formulating long term and short term strategy in line with corporate objectives. Expertise in production and process.
- ⌘ A keen planner with skills in Conceptualizing, implementing systems & procedures for world-class proficiency.

### Core Competencies

#### **Plant Operations – Manufacturing**

- Dispatching the output to internal or external customer as per the sales plan. Monitoring and Controlling the Cost of Production, action plan for keeping rejections below targets.
- Expertise in Planning, Budgeting, Inventory Management, Quality initiatives & Manufacturing.

#### **Production Management**

- Formulating & executing production and manpower schedules / plans for smooth manufacturing of the products at the shop floor within time & cost parameters.

- ♦ Coordinating with various departments for ensuring the accomplishment of targets.
- ♦ Ensuring Environment, Health & Safety (EHS) compliance.

#### **Quality Management / Manufacturing Excellence**

- ♦ Developing and maintaining process in accordance with internal and external quality guidelines.
- ♦ Ensuring continuous interaction with internal customers to make sure that area of concern can be worked upon for improved service levels.
- ♦ Trained with hands on experience of Six Sigma, 5S, QC Tools, FMEA as well as Quality system Concept to make process robust.

#### **Plant Setup**

- ♦ Commissioned projects with complete planning & execution of whole range of activities including infrastructure, manufacturing equipment, process know-how, product start up, quality systems, manpower build up & logistics.

#### **Team Management**

- ♦ Directing, leading and motivating workforce; imparting continuous on job training for accomplishing greater operational effectiveness/ efficiency.
- ♦ Working on succession planning of the workforce, rendering technical guidance to the staff, appraising the member's performance & providing feedback.

### **Previous Employment Scan**

**1)** Last worked with **Dainik Bhaskar Group(Ahmedabad)**– (Newspaper Printing unit) as **Engineer** from February'06 – December'07.

#### Accountabilities:

- ✎ Spearheading the entire Printing Plant electrical operations and maintenance objectives.
- ✎ Overall responsible for Plant electrical activities including Raw Materials & CAPEX Planning, Procurement, Logistic, Operations, Production, Process Quality Assurance, TPM, Maintenance, Projects.
- ✎ Devising activity ramp up by understanding the requirements, conceptualising the processes and facilities required, developing an action plan and following-up.
- ✎ Exposure to all facets of business including Annual Business Planning, Budgeting, Costing.
- ✎ Excellence in heading and handling Manufacturing operations, Quality & Maintenance. Demonstrated excellence System Implementation, Specification standardization, Plant Norms, Vendor Development, Process audits.
- ✎ Using Industrial Engineering techniques in order to have effective layout, smooth product flow through well designed material handling systems & optimized manpower.
- ✎ Handling multiple tasks/projects simultaneously in challenging environments with excellent relationship management skills, ability to relate to people at any level of business/management. Expertise in Operations, Goal converting Procedure & Multiskilling.
- ✎ Operations and maintenance of up to 200 Tone Chiller (HVAC) Plant.

#### Attainments

- ✎ Successfully steered the commissioning of 2 Printing line & 3 add on machines in printing line commencing of Product.
- ✎ Managed the projects from concept to commissioning stage, handling project activities, working out various requirements with respect to planning, utilities, machines, manpower, etc.
- ✎ Established Production, Process & Contractual norms with integration of KPI's.
- ✎ Implemented cost saving measures to achieve substantial reduction in terms of man days, Production cost, Raw materials, Packaging materials, Engineering spares, Water and energy consumption.
- ✎ Implement Low cost automation in the process to reduce conversion cost.
- ✎ Drive projects related to Utility consumption, DT, O.E.E, Cycle time, NP Yield, Industrial Engineering & material efficiency.

**2)** From Sep'03 – Jan'06 with **Moser Baer India Ltd.**, Greater Noida. (Consumer electronics industry, The world's second largest manufacturer of Optical Storage media), as **Asst. Engineer –Process**.

#### Accountabilities

- ⌘ Manage all Production operations at Plant Section and ensure a high level of operational performance with delivery compliance, Quality commitment and System Compliance.
- ⌘ Worked on OEE improvement of CD and DVD packing lines.
- ⌘ Identifying bottlenecks and deploying resources for smooth production flow.
- ⌘ Devising alternate methods for reduction of raw material consumption.
- ⌘ Modifying layout modifications at the existing as well as the new facility for optimum material movement and space utilization & manpower. Active member of Plant Safety Committee & Facilitator for TPM awareness.
- ⌘ Completed projects related to SMED, rejection control, quality improvement and cost reduction.
- ⌘ Coordinating with quality control, involvement in product development and departmental administration.
- ⌘ Creating an environment for continuous improvement by keeping abreast of all the technological advancements and facilitating the improvement projects. Successful implemented 5S & 6 Sigma.
- ⌘ Participating in CAPA analysis for non-conformities in products and processes.
- ⌘ Facilitating the team on SOPs, correct shop floor practices, ensuring ISO System, discipline and safety.
- ⌘ Preparation of Process Flow Chart, Process windows and Work instructions/SOP for the Operations.
- ⌘ Developing Audio-Visual Training Module related to Process and Safety and Technical reports for process optimization and Conduct training to Associates on the shop Floor.
- ⌘ Doing trials and Qualifications for new Products.

#### Attainments

- ⌘ Conducted time & motion study for Production in order to achieve better utilisation of machines & manpower.
- ⌘ Designed:-
  - And implemented CAPA against customer complaint.
  - And coordinated technical training programs on process related inputs and practices.
  - And developed process for SKU's.
  - And Ink saving up to 10% in disc printing
  - And OPS pouch rejection at Cake Box packaging line from 8% to 3%.
  - And printed BOPP film rejection on Over Wrapper line from 3.15% to 1%.
  - And reducing size of OPS Shrink Sleeve in cake box and BOS packing.
  - And initiated scratch elimination project in CD and DVD.

### **3) Mar'99-Sep'03 with Bayer India Ltd., Himatnagar, Gujarat**

(Agro Chemical Sector, The world's most respected German base MNC) as **Technician**

#### Accountabilities

- ⌘ Breakdown and preventive maintenance of Electrical, Mechanical, Instrumentation equipment's.
- ⌘ Maintenance and operation of DCS (Distribution control system) of Siemens for Agrochemical formulation plant.
- ⌘ Maintenance of PLC (Siemens) based automatic packaging line of ITW SIGNODE.
- ⌘ Maintenance of Raymond mill, electrical panels, fire systems, D.G Sets, Battery Chargers.
- ⌘ Maintenance of Pneumatic valves, Conveyors, Elevators.
- ⌘ Maintenance of Speedac 7 microprocessor based filling & packaging line.
- ⌘ Maintenance of FFS m/c (Form fill & sealing m/c) PLC & microprocessor based.
- ⌘ Auto electrical maintenance.
- ⌘ DG, HT/LT, Transformer and plant general maintenance.

#### Attainments

- ⌘ Conducted PLC to DCS changeover of the control room.
- ⌘ Designed:-
  - And implemented Safety standards.
  - And fixed process window for different products.
  - And normalised packing line.

### **4) Nov'96-Nov'98 with Ahmedabad Electricity Co. Ltd (presently known as Torrent Power), Ahmedabad** (Thermal Power Plant) as **Trainee and Technician Transmission & Distribution.**

#### Deliverables

- ⌘ Thermal power plant equipment's maintenance.
- ⌘ Maintenance of HT & LT Panels.
- ⌘ Operation and maintenance of 11 KV, 66 KV, 132 KV Substations.
- ⌘ Maintenance of HT & LT Transformers.
- ⌘ Operation and maintenance of Circuit Breakers (ACB, VCB, MCOB, BOCB, SF6 etc.).
- ⌘ Maintenance of HT & LT Transmission and Distribution lines.
- ⌘ Maintenance of Capacitor Banks.
- ⌘ Maintenance of 1Φ and 3Φ MD meters.

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### Certifications and Accolades:

- Received **Electrical Wireman's** and **Electrical Supervisor** Certificates from Government of Gujarat.
- Received "**Best Employee**" award from Moser Baer India Ltd.
- Received **KAIZEN** award from Moser Baer India Ltd.
- Received Prestigious **Chairman award, 3 times** from M/S BCCL for extraordinary performance.
- Received "**Best Employee**" award from BCCL.
- Stood 2<sup>nd</sup> in **SPC Competition** in BCCL.
- Received awards from **QCFI, NCQC** and **D.L. Shah** for Case study Presentation.
- Received Certificate of Merits from **Dr. Edward De Bono's Lateral Thinking™** Course.

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### Other Accolades:

- Best Performance in **Safety Stage Show** at Bayer India and MBIL.
- Successfully completed **UNITEK BORRI UPS** technical training program.
- Successfully completed **FESTO Pneumatics P 111** module.
- Successfully completed **First Aid Training** by Indian Red Cross Society.
- Successfully completed **ABB DCS 500 Drive** training at ABB India DM Training Centre, Peenya, Bangalore.
- Successfully completed **Siemens HMI Networking** training program.
- Successfully completed **Certificate in Computing (CIC)** course from BAOU.

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### Scholastics:

- B.B.A (Bachelor of Business Administration)** from LPU, Phagwara, Punjab in 2016.
- D.E.E (Diploma in Electrical Engineering)** from Government Polytechnic, Ahmedabad, Gujarat in 2001.
- H.S.C** from Gujarat State Higher Secondary Education Board in March 2003.
- N.C.V.T (Electrical)** from Gandhinagar, Gujarat in 1995.
- S.S.C** from Gujarat State Secondary Education Board in March 1993.

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### Personal Portfolio:

**Father's Name:** Mr. K.V.Raval

**Date of Birth:** 9<sup>th</sup> November, 1978

**Sex & Marital Status:** Male & Married

**Linguistic Abilities:** Gujarati, Hindi & English

**Nationality:** Indian

**Present Address:** E-201, Fortune Glory, B/H Billabong School, Nr. Vadsar Bridge, Vadodara:390011.

**Permanent Address:** Plot No: 1682/1, Sector No.: 2-D, Gandhinagar, Gujarat, Pin Code: 382007.