**Pinal**

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**OBJECTIVE**

Continuous progress on both professional and personal fronts through all round skills with emphasis on assigned targets. Hard work and team spirit thereby anticipating and meeting the challenging arising in the contemporary competitive business environment integrity and given to sustained hard work. And if provide with an opportunity I shall try my level best in satisfying customer and superiors in rightful discharge of my duties.

**Synopsis**

* 13+years of experience in ***THERMAL AND RO DESALINATION PLANT.***
* 17 years of experience overall career.
* Having hardcore experience in **POWER PLANTS and REFINERY ( Utility Dept)**
* Activities in Major Minor Modification at site for reducing downtime of system and increasing productivity.
* Skilled to work with various control systems .
* Experience in revamping of plant.
* Experience in Commissioning of plant.
* Capable of handling project sites.
* Experience in documentation and maintenance with proper planning.
* Experience in Operating and maintenance of **Thermal Desalination Plant.**
* Knowledge of Operating and maintaining **RO Plant**.
* Knowledge of Operating and maintaining **DM Plant.**
* Team building Spirit.

Academics

**Bachelors of Engineering in Instrumentation and Control** 2000-2003

University of Pune, India

**Diploma in Instrumentation and Control** 1997-2000

University of Pune, India

**TRAINING AND CERTIFICATION**

Certification course in PLC programming and maintenance at VMS controls

**Professional Experience**

**Duration: June 2019 – Continue**

**Designation: Sr.Executive O & M**

**Project: WESTIN Group,Chithale bandhu,National Institute of Virology**

This is a upcoming firm which executes projects of Boilers 1.5 tons also a channel partner of THERMAX.Having multiple AMC across india . Mirth handle O & M activities of STP and WTPS.

**Responsibilities:**

* Leading team of 9 persons
* Planning and Managing of maintenance.
* Daily Plant Operations.
* Troubleshooting and fault finding activities.
* Take initiative for improvement and modifications.
* Maintaining proper documentation of Operation and Maintenance.
* Making new plans ,analyzing plant datas and appropriately optimizing chemical consumption etc.
* Supervise and train subordinates for operation and maintenance of plant.
* Major minor modifications and execution.

**Organization: EARTH WATER LTD (Formerly FONTUS WATER (P) Ltd )**

**Duration: June 2015 – April 2019**

**Designation: Sr.Manager Productions**

**Project: ADANI POWER LTD**

(4620 MW Capacity) Kutch, Gujarat, India

**A 47 MLD RO DESALINATION PROJECT**

This is a 47 MLD RO Desalination plant .We are running a comprehensive with spares O&M project . We have just bagged 1000Cr.Desalination project in Mumbai for Thane municipal Corporation. Currently working at ADANI POWER Site India's only Thermal power plant to generate electricity of 4620 Mw.

**Responsibilities:**

* Leading team of 88 persons
* Planning and Managing of maintenance in co – ordination of concern Department (Electrical,Instrumentation and Mechanical)
* Troubleshooting and fault finding activities.
* Take initiative for improvement and modifications.
* Maintaining proper documentation of Operation and Maintenance.
* Making new plans ,analyzing plant datas and appropriately optimizing chemical consumption etc.
* Supervise and train subordinates for operation and maintenance of plant.
* Major minor modifications and execution.

**Organization: ION Exchange India Ltd - Kutch, Gujarat**

**Duration: Feb'2009 - June'2015**

**Designation: Plant In-Charge**

**Project: GMDC’s “AKRIMOTA THERMAL POWER PROJECT”**

(250 MW Capacity) Kutch, Gujarat, India

***A THERMAL DESALINATION PROJECT***

This is thermal multi effect Desalination plant erected and commissioned by VA TECH WABAG Ltd. Plant currently handed over to GMDC after completion of tenure. We have revamped a 50 m3 Drinking water RO plant in GMDC which was a decade old and are successfully running the same.

**Responsibilities:**

* Leaded team of 24 (16 engineers + 8 others)
* Planning and Managing of maintenance in co – ordination of concern Department (Electrical,Instrumentation and Mechanical)
* Good knowledge in shutdown maintenance jobs
* Good knowledge in Troubleshooting and fault finding activities.
* Take initiative for improvement and modifications.
* Maintaining proper documentation of Operation and Maintenance.
* Supervise and train subordinates for operation and maintenance of plant.

**Organization: VA Tech Wabag Ltd.**

**Duration: November’2005 to December’2008**

**Designation: Instrumentation Engineer**

Worked with Va Tech Wabag which had yearly turnover of nearly Rs.500 Cr INR. It is leading EPC company in water treatment holding ISO certification. Having regional headquarters at Chennai and global headquarters in Australia. Also had clients like ONGC, IOCL, GMDC, Pune Municipal Corporation (PMC), Bombay Municipal Corporation (BMC), major Government firms across India.

**Project Site: “PMC’s SEWAGE TREATMENT PLANT”**

(130 mld capacity PROJECT)

This is the largest Sewage Treatment Plant in Maharashtra situated in heart of the city. Here the sewage water is purified and drained to river whereas METHANE gas is extracted from solid sewage which drives 2 heavy duty 170KVA generators the electricity generated is used for internal plant equipments during power failure.

**Responsibilities:**

* Routine Instruments check.
* Day to day Pumps & Motor check.
* Documentation (Monthly maintenance Report Electrical & Mechanical).

**Project Site: GMDC’s “AKRIMOTA THERMAL POWER PROJECT”**

(250 MW Capacity). Kutch

**A THERMAL DESALINATION PROJECT**

This is thermal multi effect Desalination plant. The Seawater is processed for steam generation which drives heavy turbines to generate electricity; a part of water is made suitable to drink. Hi-tech chlorinator extracts chlorine from seawater itself. This plant is empowered with advanced SIEMENS system. The capacity of this plant is 100m3/hr. I was a part of commissioning team at GMDC, freshly commissioned a boiler.

**Make:** NESTLER. Upgraded to 20ton.

**Responsibilities:**

* Maintenance of DCS - SIEMENSTeleperm XP (Germany).
* Maintenance & Calibration of process instruments like flow meters,Pressure transmitters,Level Transmitters,Temperature transmitters,conductivity meters,PH meters.
* Maintenance & Calibration of control valves
* Start up & Shutdown Knowledge of Multieffect Evaporators and Auxillary boiler.
* Operational and trouble shooting knowledge.
* Routine check of all transmitters and dial gauges,Actuators on field.
* Preparing daily weekly and monthly reports of instrument maintenance.
* Knowledge of MBE where the DM water is further used for boilers.

**Project Site: CHENNAI PETROLEUM CORPORATION LTD (CPCL)**

Group of Indian Oil Corporation Limited

**Duration:**

**Designation: Instrumentation Engineer**

Worked in Operation And Management of TTP integrated with RO plant. This site was automated by Schneider PLC and Citect SCADA.

**Responsibilities:**

* Maintenance & Calibration of process instruments like flow meters,Pressure transmitters,Level Transmitters,Temperature transmitters,conductivity meters,PH meters.
* Maintenance & Calibration of control valve.
* Operational and trouble shooting knowledge.
* Routine check of all transmitters and dial gauges,Actuators on field.
* Preparing daily weekly and monthly reports of instrument maintenance.

**Organization: VMS Controls – Pune, Maharashtra**

**Duration: janvary'2004 - october'2005**

**Designation: Instrumentation Engineer**

VMS Controls undertakes automation projects for various engineering applications along with maintenance of various PLC,s Siemens, Allen Bradley, Messung etc. The primary Business is maintenance and Programming of PLC’s. It has clients like BAJAJ, ELECON, KALYANI FORGE, INOX and many more across India

**Responsibilities:**

* Programming of PLC for different applications (Make: GE)
* Logic development

**Relevant Project’s:**

* Automation in Chemical Reactor Plant.
* Automation in Burner Management System.(Boiler’s)
* Automation in Traffic Signal.
* Automation in Material Handling System.
* Automation in Electroplating Plant.

**References**

**References available on request**

**PERSONAL DETAILS**

**Father' Name Hasmukhbhai Ravjibhai Patel (Late)**

**Interested in Projects.**

**Pinal**