**CURRICULUM VITAE**

**OMKAR P.BHANDAKKAR B.Tech (CHEMICAL ENGINEER)**

**PROJECT ENGINEER WORK EXPERIENCE: -** 3.8 Year

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**OBJECTIVE:**

To work in a stimulating and challenging milieu that would facilitate the maximum utilization and application of my Chemical Process Design skills and expertise in making a positive difference to the organization.

**PROFILE SUMMARY:**

* Qualified **B.Tech** in **Chemical Engineering** with 3.8 year Experience in unit operations handling, process engineering, detail engineering and project management.
* Post Graduation diploma in **Process** **Engineering and Simulation**.
* Demonstrated excellence in devising significant solutions and managing day-to-day production operations for making effective utilization of man, machine, method & materials.
* Capable of enhancing process operations thereby achieving the required quality level in the products.

**TECHNICAL SKILL:-**

* Process calculation including mass and energy balance calculation, pressure drop calculation ,NPSH, Pump head calculation Basic engineering package
* Process design of distillation, Reactor, Evaporator, heat exchanger, ZLD, Dryer ETC.
* Development of P&id , equipment layout
* Through knowledge of Process Economy, Project management ,
* Familiar with simulation software ASPEN Hysys, HTRI, MS OFFICE,CHEMCAD,COCO Simulator ,AutoCAD.

**WORK EXPERIENCE:-**

**ORGANIZATION:** - **Aeon India Corporation Pvt Ltd Pune.**

**DESIGNATION**: - Project Engineer

**EXPERIENCE:** - From May 2017 to till date

**Aeon India Corporation Pvt Ltd** Is an organization involved in Process technologies. Aeon supplies unit operations For Chemical process Plants, Evaporation, Dryer, Distillation for pharmaceuticals, Dairy & food Processing Units World Wide.

**RESPONSIBILITIES:-**

* Responsibility includes Process Development and Designing, Business Development, Project Execution, Site visit and Commissioning of the plants.
* Preparation of Bill of Material and Material Take Off according to Material Used.
* Experience of equipment Design and Sizing Viz. Distillation column, Evaporator, Heat Exchanger, Condenser, Tanks.
* Mass & Energy balance Calculation for distillation & Evaporation Section etc.
* Pressure drop calculations for pumps, making PDS, SOP, O & M manuals for equipments
* Develops or modifies process flow sheets including PFDs and P&IDs, Piping drawings, Isometric drawings, Plot plan ,layout and equipment drawing review as per codes & standard.
* Discussion & Resolving  Technical  scheme, parameter for  technical part towards marketing team
* Prepare Bought-out specification of Pumps, PHEs, Vacuum pump, Blower and Technical Evaluation with vendor.
* Involve in Pre-commissioning and commissioning activity for smooth start up, stable operation, Performance guarantee run and successful handover of the plant to the client
* Co-ordination with the cross-function department of the various companies to ensure smooth operation during entire project.
* Maintaining the good relationship with client and Responsible for the technical care and co ordination between all the departments.
* Quality assurance and Quality Control.

**PREVIOUS EMPLOYER:-**

**ORGANIZATION: - JSW STEEL LTD** VIJAYNAGAR WORKS**,** KARNATAKA.

**DESIGNATION: -** Operation Engineer

**EXPERIENCE: -** From May 2014 to June 2016 (2.2 Year) in **GAS RECOVERY SECTION & ETP Plant**.

**RESPONSIBILITIES:-**

* Monitored, controlled, optimization and improvement for day to day safe and efficient operations of coke oven gas processing plant of coke oven gas.
* Major operations involved are gas condensation & separation, gas conveying, desulfurization, ammonia scrubbing of coke oven gas, distillation of ammonia water ammonia vapors in decomposition and also Water treatment plant.
* Maintaining Log sheet of Process Parameter as well as making documents.
* Handled the Gas Recovery process in coke-oven on the field as well as off the field.
* Responsible for the quality control of coke oven gas, coal tar and waste water as per environmental norms.
* Designed and executed process equipment such as distillation column, Furnace, pipe lines and systems as per established procedure prior to start-up, shutdown to safely and effectively carry out any maintenance activity.
* Equipment handles like Distillation, Absorber, Scrubber, Furnace, Heat exchanger (Spiral, PHE, Shell and tube), Blower, ETP (electro-static tar precipitator), and Decanter.
* Process handling for water treatment plant –Physiological treatment, biological treatment. Final treatment.

**ACADEMIC QUALIFICATION:-**

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| **QUALIFICATION** | **Board/University** | **YEAR**  **OF PASSING** | **PERCENTAGE** |
| **PGD** in Process Engineering and Simulation | Autonomous | 2016-2017 | 68.15 % |
| **B.Tech** (Chemical) | Nagpur University | 2011-2014 | 76.03 % |
| **Diploma** (Chemical) | M.S.B.T.E. Mumbai | 2008-2011 | 70.06 % |

**PERSONAL DETAILS:-**

Name: Omkar P. Bhandakkar

Father name: Dr. Prashant M. Bhandakkar

Date of Birth: 03rd OCTOBER 1992

Language know: Marathi, Hindi, English

Permanent Address: At. Post Patanbori Tq. Kelapur Dist. Yavatmal Pin Code-445305

State: Maharashtra. .

**DECLARATION:-**

I, Omkar P. Bhandakkar, hereby declare that the information contained herein is true and correct to the best of My Knowledge and belief.

Date: Your Sincerely

Place: Omkar P. Bhandakkar