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| |  | | --- | | **Mr. Dheerendra Singh Sikarwar** |  |  |  | | --- | --- | | 105, Rang Platinum Society  Shravan Chowkdi, Bharuch  DOB :- 27 Nov 1986  Email id :- [singh.dheeren@gmail.com](mailto:singh.dheeren@gmail.com)  Mob. No. : + 91 - 9898940022 |  | | |
| **PROFESSIONAL EXPERIENCE** |

**Company : Deccan Fine Chemicals Pvt Limited, Ankleshwar Duration: May'19 - Present**

**Department: Technical service, Project**

**Roles and Responsibilities:**

* **Project feasibility study**
* **Material and Energy balance**
* **PFD and P&ID preparation**
* **HAZOP STUDY**

**Company: FMC INDIA LTD**, Panoli **Duration:** Aug’16 - May'19

**Department**: Technical Services, Project  **Designation:** Manager

**Role & Responsibilities:**

* Scale Up of Pilot Plant to Commercial Plant
* Preparation of documents for statutory requirements of product license from GPCB
* Preparation of Basic Engineering Package
* Detail Engineering
* Freezing of Plant layout drawing as per process flow
* P&ID & PFD Preparation
* Well Verse with API standard & codes
* Material & Energy Balance Calculation
* Estimation of Product & Project Costing
* Implementation of process safety management in Sites
* Relief Load calculation
* HAZOP Study of existing plants & new Projects
* Co-ordination with Mechanical, Electrical & Instrumentation for Pre commissioning of Project
* Trouble shooting to improve productivity of plant
* Technical discussion with vendor
* DGFT documents preparation for advance license of critical raw materials

**Company: ATUL LTD**, Val sad, Gujarat **Duration:** May, 12 – Aug’16

**Department**: Process Improvement  **Designation:** Assistant Manager

**Role & Responsibilities:**

* Process Development of In-house Product of Atul Ltd
* Conceptualize the P&ID of 1,3 CHD Product (In house product of Atul LTD)
* Monitoring Of Process Parameter in Pilot Plant
* Process Optimization using Aspen Plus Simulation Package
* Preparing Mass and Energy balance
* Done R&D trials for the production of Resorcinol
* Increase yield of Resorcinol and its downstream derivative 1,3 Cyclohexanedione
* Working in Coordination with Mechanical, Instrumentation & Electrical Deptt.
* Commissioning of 1,3 CHD ( Resorcinol Downstream derivative ) Plant
* Currently working in COD reduction techniques of Effluent waste
* Reduce time cycle of reaction to improve productivity

**Company: SRF LTD Duration:** Jun’11 to Nov’11

**Department: Research & Development Designation**: Project Trainee

**Project:** Process Study of SC02 Production

* Assistance in preparation of Basic Engineering Package (BEP) of SC02 & P6 Process
* Prepared PFD, P&ID and Process Datasheet
* Handled PFD, P&ID modifications on AutoCAD & MS Visio
* Checked GA drawing & Isometrics of SC02 Plant
* Got an insight of line sizing
* Hand on experience of Aspen Plus
* Pre Commissioning of Flexible Multipurpose (FMP) Plant

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| **EDUCATIONAL QUALIFICATION** | | | | |
| **Degree/Certificate** | **Qualifying Year** | **Institute/School, City** | **University/Board** | **CGPA / %** |
| M.E. in Chemical Engineering | Dec. 2011 | BITS Pilani, Pilani | BITS Pilani | 8.57/10 |
| B.E. in Chemical Engineering | June 2009 | MITS, Gwalior | RGPV | 66.8% |
| H.S.C. | Mar. 2004 | Miss Hill School, Gwalior | M.P Board | 76.6% |
| S.S.C. | Mar. 2002 | Swami Ramlala School | M.P Board | 71% |

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| **SOFT SKILLS** |

* **Auto CAD, CHEMCAD, ASPEN PLUS, Microsoft Office, MS Visio, Chemdraw**

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| **KEY CURRICULAR & EXTRA CURRICULAR ACTIVITIES** |

* Interest in Snooker, Reading novels, Listening to music
* Interest in Fitness Training

**DECLARATION**

I hereby declare that the above furnished details are true to the best of my knowledge and belief



Dheerendra Singh Sikarwar