

**Devendra Singh Chohan**

+ 91 8527169335

[devendrache09@gmail.com](mailto:devendrache09@gmail.com)

Mahagun MyWoods

Tower: Walnut, Flat: 22009

Greater Noida (West)

Pin code – 201318

**Work Experience: 6 + Years**

Presently working as Assistant Chief Engineer (Process) at Projects & Development India Limited (PDIL), Noida from Nov' 2012 – till date.

**Company Profile:**

PDIL (Mini Ratna-I) is a premier design engineering and consultancy organization, committed towards technological excellence and self-reliance in the growth of the **Ammonia ,Urea** and allied chemical industries with associated off site and utility facilities, **Oil & Gas Sector** viz. Product pipelines, LPG Terminals, Oil terminals, Methanol Plants, Hydrogen Plants and various acid Plants. PDIL is an ISO 9001:2015 company.

**Projects Handled:**

I as an active core team member have handled variety of following projects in Fertilizer and Oil & Gas process.

- Detailed Engineering of **Ammonia plant Revamp** for **M/s RCF, Trombay – V.**
- Detailed Engineering of **Energy Saving Project** for **M/S IFFCO, (PHULPUR & AONLA).**
- Detailed Engineering of **MP Condensate Stripper** in Ammonia Plant for **M/S KRIBHCO, Surat.**
- Detailed Engineering of **Naphtha Deaeration system** in Ammonia plant of **MATIX Fertilizers Limited.**
- Detailed Engineering of **Transmix Facilities at Mohanpura, Jaipur** for **M/s IOCL**
- Detailed Engineering of **Parallel Operation of Synthesis Convertor** for **M/S NFL, (Bhatinda & Panipat).**
- Detailed Engineering for installation of **Flue Gas Cooler** for **M/S IOCL, Barauni.**
- Adequacy Check of Flare, Vent & PSV in Ammonia, Urea & Offsite plant for **M/S CFCL.**
- Detailed Engineering of **Series Operation of Synthesis Convertor** for **M/S CFCL, Rajasthan.**
- Prepare the NIT and Evaluation & Review the LSTK Offers / Documents of Ammonia / Urea Complex for **M/s HURL, Gorakhpur, Sindri & Barauni.**
- Prepare the NIT and Evaluation & Review the LSTK Offers / Documents of Energy Saving **Project – II** for **M/S NFL, Vijaypur I and II.**
- Study and troubleshooting of existing cooling water network of **M/S OMIFCO, Oman.**

- Detailed Engineering for installation of **GTG - HRSG** for **M/S NFL, Bathinda, Panipat & Nangal**.
- Prepare the NIT and Evaluation & Review the LSTK Offers / Documents of **Purge Gas Recovery Unit** for **M/S NFL, Vijaypur**.
- PMC for Ammonia / Urea Complex for **M/s HURL, Gorakhpur**.

#### **Responsibilities Undertaken:**

- Study and Review of **Basic Engineering Design Package**.
- Study & Review of **Process Flow Diagram (PFD)**
- Preparation of **Piping & Instrument diagrams (P&ID)**
- Simulation Study and Property Generation on **ASPEN PLUS & HYSYS**.
- Thermal design of **Heat exchangers with HTRI**.
- Preparation of Specification / Datasheets for Equipments like Heat exchangers, Pumps, Compressors, Separators, Reactors, etc
- Preparation of Process Data sheets for Instrument
- Preparation of Equipment list.
- Complete Hydraulic calculations for line sizing, pumps, control valves etc
- Adequacy Checking of PSVs and Flare Header with **FlareNet**.
- Preparation Line List and Tie-In List.
- Checking & Reviewing of Vendor Package Datasheet, drawing and Document.
- Reviewing of Isometrics.

#### **Engineering Software Skills:**

- ASPENPLUS V8.6 and HYSYS – For Process Simulation
- FLARENET – For Adequacy Check of Flare, Vent & PSV
- HTRI 8.0 – For Design of Heat Exchanger
- PIPENET – For Pressure Drop Calculation

#### **Academic Records**

M. Tech (Chemical Engineering)	IIT–B.H.U, Varanasi (U.P)	2010-2012	7.55 CGPA
B.Tech (Chemical Engineering) sp. In (Polymer Tech.)	S.L.I.E.T. University (Punjab)	2007-2010	72.03%
Diploma(Chemical Engineering)	Govt. Poly. Kashipur (U.K)	2004-07	70.32 %
High school (10th)	R.K.S.V.M. Bazpur (U.K)	2003	66.50 %
GATE – 2011 AIR	<b>159</b>		
GATE – 2012 AIR	<b>212</b>		

**Inter Personal Skills:**

- Excellent team spirit and capable of interacting effectively with other discipline engineers.
- Ability to problem-solving skills to support learning as well as lifelong personal and professional development.
- Have the ability to perform multi-task and meet deadlines.

**Personal Details:**

Date of Birth	: 3rd March 1989
Name of father	: Mr. Bheem Singh Chohan
Mother's Name	: Mrs. Kamalesh Devi
Marital Status	: Married
Permanent Address	: 22009 / 17 (Walnut), Mahagun MyWoods, Greater Noida (West) – 201318

I hereby state that the information given above is true to the best of my knowledge.

(Devendra Singh Chohan)