

Sachin Tukaram Kumbhar

Engineering Professional

EMAIL ID: kumbharsachin3@gmail.com

Contact: +91 9702002521

Permanent Address: 402, Yashoday Chs. Ltd, Plot no. 71/72, Sector-34, Kamothe,
Navi Mumbai-410209

Over 7+ years of diversified experience on large projects in the oil & gas, petrochemical, chemical, various units of refinery.

Highly enthusiastic and energetic Process Engineer with the challenges inherent within the process design, with work experience encompassing conceptual, Feed and Detailed design.

I have had hands-on roles in various areas of process design including the engineering calculations, hydraulic calculations, relief studies, and process simulation using industry recognized software.

I have been the point-of-contact process engineer on various projects and as such, I am comfortable interfacing with other engineering discipline, the project team, clients and vendors to ensure work is done safely and according to project priority, budget and schedule.

Key Accomplishments

- Familiar with various process softwares: HYSYS, Auto-CAD, Smart Plant P&IDs.
- Computer Literacy: MS Word, Excel.
- Provide engineering support to set up innovations or address design issues that may arise at customer site
- Developing a Process model to meet the Client's specifications.
- Preparing a Process Description Design Basis detailing the parameters used to model and develop project system.
- Technical drawing development including PFDs and P&IDs to accurately represent the project process equipment and piping design.
- Performing to calculations to correctly size and specifying various equipment (Pump, relief valve, control valve, process line) needed for the facility.
- Producing required supporting documentations e.g. Process line listing, Equipment list & IPDS.

Professional Experience

Jacobs Engineering (I) Pvt Ltd • Mumbai • Jan 2012 – Present

Responsible for supporting the Process Engineering activities from Mumbai, India. I am being the first point of contact to evaluate and interpret client's requirements and for managing the process engineering deliverables for all the projects handled worldwide.

Projects handled:

1. ODI @ P1, P2, P3 & P5 SITE, JORF LASFAR

OCP - ODI consist of Sulfuric Acid, Phosphoric Acid, and Di-Ammonium Phosphate Plants & OSBL Area. This project is in workshare with Jacobs Lakeland and Greenville Office.

2. RESID UPGRADATION PROJECT (CHENNAI PETROLEUM CORPORATION LIMITED)

The Project scope includes review of Basic Engineering Package and Preparation of Detailed Engineering Package.

3. PRELIMINARY BEP DEVELOPMENT IN THE PROJECT OF NESTE JACOBS :

Project Name: ABENGOA BIOENERGY (From June 2014 to Sep 2014)

Unit: Butanol Plant

Location: Nebraska, USA

4. FADHILI GAS PROGRAM PROJECT (From Oct 2014 to Nov 2014)

Unit: Sulfur Recovery Unit, based on SCOT Process.

Location: Saudi Arabia

5. DANGOTE OIL REFINING & PETROCHEMICAL PROJECT (From Dec 2014 to Mar 2015)

Unit: Sulfur Recovery Unit, based on SUPERCLAUS Process.

Location: Dangote Industries Free Zone, Lekki, Nigeria

6. MEGLOBAL BOOKRAMEG PROJECT (From Jan 2017 – Aug 17)

The Project scope includes review of Preparation of Detailed Engineering Package.

7. BIODIM MIDSTREAM PRODUCTION (BMP) UNIT PROJECT (From Aug 2017 – Oct 17)

The project consists of Ethanol to Ethylene and Ethylene to Ethylene Oxide/ Ethylene Glycol (MEG Plant) plant to be located in TAYSEB-Toros Adana-Yumurtalik Free Zone, Adana, Turkey.

Worked to prepare the Basic Engineering Design Package for this project.

Academics: -

- **B. Tech (Chemical Technology)** from Mumbai University, with 66.39% (First Class) during year 2008-2011.

Professional Training:

Process Simulation & Modelling by UNISIM DESIGN Steady-State Condition Course at C P & Company, Thane.