

Abdullah Shakir Khan

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PROFILE SUMMARY

- A competent professional with nearly **1.4 years(and counting)** experience in Site Execution.
- Currently working with **Croda India Company Pvt. Ltd. (Process Department), Navi Mumbai**, as Consulting Process Engineer / Process trainee.
- Expertise in relief valve calculation as per API 520, API 521 & API 2000.
- Engaged in pre-commissioning & commissioning of new Main Ester & Quats plant, Pastillator plant and Powder plant.
- Skilled in preparing Block flow diagram(BFD), Process flow diagram (PFD) and piping and instrumentation diagram (P&ID) of Equipments, Process equipments and instrument datasheets of existing as well as new plant.
- Excellent communication skills to effectively coordinate with vendors, other engineering disciplines and engineering contractors for resolving issues while keeping project on schedule.

ORGANISATIONAL EXPERIENCE

Croda India Company Pvt. Ltd. (Engineering Department), Navi Mumbai
Consulting Process Engineer / Process trainee.

(Dec'15)

Key Result Areas:

- Did calculations of existing relief valve, to check whether they are of adequate size or not as per API 520, API 521 & API 2000 for approximately 200 relief valves and vents as per SHE guidance using ABB CAPRE software.
- Was Engaged with commissioning team in regards to commissioning of new chiller unit, cooling tower, pumps (centrifugal, screw & gear), hot oil unit system.
- Executed LT calibration of 3 batch reactors and 4 storage tanks.
- Executed Flow transmitter and Flow control valve calibration of Main Ester & Quats plant, Pastillator plant and Powder plant.
- Did Commissioning of new plants interlocks & logic. Made some new interlocks as per need, modified some of the existing interlocks for safer, proper & better working of Main Ester & Quats plant, Pastillator plant and Powder plant.
- suggested modification plans for existing filter water system for the whole site. Did piping layout, pipe sizing, new interlocks for the modified filter water system. Executed commissioning of this whole modified filter water system.
- Estimated and suggested total I/O counts along with instrumentation for automation of existing calsolene & Waxol plant which has all manual operation.

Other highlight activities:

- Made changes in SCADA, HMI in powder plant for ease of operation.
- Carried out energy consumption of whole pastillator plant.
- Was involved with process team for creating and executing logic system for the new powder plant.
- Installed and commissioned new sample valve in alkox plant as per SHE directive.

ACADEMIC DETAILS

2015-Aug	Post Graduate Diploma in process engineering from Suvidya Institute of Technology Pvt. Ltd., Mumbai with 75%
2015-May	B.E. (Chemical Engineering) from BVCOE, Kharghar, Navi Mumbai, Mumbai University with 65%.
2011-Feb	12 th from Rizvi college, Bandra, Mumbai (H.S.C) with 52.33%.
2009-Mar	10 th from Dawn academy, Panchgani (S.SC) 78%.

ACADEMIC PROJECT

Title: Simulation of Ammonia plant using ASPEN PLUS

Overview : we carried out simulation of Ammonia synthesis unit(production of ammonia)process. With the help of "ASPEN PLUS" . we identified material, unit operation and processes involved, in a steady state simulation. Main units were taken into consideration and studied using ASPEN PLUS.

TRAININGS

- Summer training of stipulated period starting From 13 june 2014 to 30 june 2014 in GAIL(INDIA) Ltd.
- Attended:
 - Industrial Safety Training with respect to Group SHE (Safety, Health & Environment) Policy.
 - PTW (permit to work) training held by SHE Croda India.
 - Fire Safety Induction with respect to Fire Fighting & Emergency.
 - Advance Firefighting Training Programming with respect to Fire & Response Station (in cooperation with MIDC) Thane Belapur Industrial Association

EXTRACURRICULAR ACTIVITY

- Worked as co-ordinator and treasurer head in Technical Event RSCIENCE organized by chemical department of BVCOE for the year 2015.
- Paper published on SIMULATION OF PUMP USING ASPEN PLUS at INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE INNOVATION TECHNOLOGY (IJESIT).

IT SKILLS

Software:

- Excellent hand-on experience of ABB provided PEL software which included CAPRE, ProvueDB, Provue flownet, Physpack made for various calculations.
- Expert in preparing Microsoft Excel spread sheets and templates to perform Process Engineering Calculations which help in designing Process Equipment .
- Good knowledge of Office-MS Word, PowerPoint.

PERSONAL DETAILS

Date of Birth: 13th October 1993
Languages Known: English, Hindi, Marathi and Urdu.
Permanent Address: B-wing, room no-205, Noor-e-jahan 2 bldg, pipe road, kurla west, Mumbai-70 Maharashtra.