
VINAYA EKNATH PATIL.

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OBJECTIVES

To pursue a challenging career in an organization, where human capability, efforts are valued & awarded; thereby providing an approach & environment for continuous professional development in the field of Process Design of Oil & Gas industry & Chemical plants.

PROFESSIONAL EXPERIENCE

- **B.E. Chemical with 5 years 11 months experience in Proposal Making, Process Design, Technical Marketing, Project execution.**
- **Equipment Design - Heat Exchangers, Gas conditioning skid, vapor recovery unit, Instrument Utility Gas Drying System & Other Offshore equipment, Rotary Dryers, Coolers, Paddle dryer, Calciners,**
- **Pressure safety valve line sizing, relief load & selection of orifice in PSV using API standards.**
- **Working on Simulating software's HYSIS and HTRI.**

Current CTC: - 2.8 L. P.A.

CURRENT ORGANIZATION

M/S. KILBURN ENGINEERING LTD.

About Company :- KILBURN Engineering Ltd. is a part of Williamson Magor (WM) group. WM was established in 1869 by Captain J.H. Williamson & Richard Boycott Magor Group. Headquartered in Kolkata, India & is presently headed by Mr B. M. Khaitan with interests in Tea, Batteries & Engineering.

KILBURN is a world leader in design and manufacture of Rotary Dryers, Coolers and Calciners. Kilburn has several installations of Rotary Dryers worldwide.

Duration: - From Dec 2012 to Till Date

Designation: - Engineer - Process Design

Job / Project Responsibilities: -

- Detail study of inquiry as per client's requirement.
- Prepare Proposal / Technical offer as clients requirement.
- Develop process designs with the latest Technologies incorporated after studying the enquiry in details.
- Generating the Basic Engineering for PFD'S, P&ID, and Process Data Sheets for equipment, Utility Requirement.
- Design of Rotary dryers, Paddle dryer, VFBD, Heat Exchanger (Condensers + Heaters), Calciners,
- For offshore, Design of Instrument utility gas system, Natural draft type atmospheric heaters & cooler, double pipe heat exchanger, Knock out drum, instrument gas receiver using API 661 & ASME std.
- Design of Vapor recovery unit, Gas conditioning skid, Air & Gas dryer
- Line Sizing, Pump Sizing.
- Carry out process simulation by HYSYS, design of heat exchangers by HTRI.
- Prepare Equipment List, Instrument List and Load list.
- Floating enquiry for bought out items, techno commercial comparison for bought out items.
- Technical review pressure safety valves, control valves, drainer-strainer bought out items etc.
- Fabrication Drawings Approval for bought out items.
- Techno-commercial meeting / KICK OFF with Clients.
- Co-Ordination with Engineering Design Consultant during Basic & Detail Engineering.
- Co-Ordination with Internal Department.

Projects Handled:

- **Client: ONGC**
 1. Scope - IUG System for Life extension of well platform project (LEWPP-II)
 2. Consultant - EIL / Afcon infrastructure Ltd
 3. Status- On Going
 4. Total Project Cost-17 Cr. 90 Lakhs.

- **Client: ONGC**
 1. Scope - IUG System for MHNDR PH-III, 5 Well Platform
 2. Consultant - L&T Valdel
 3. Status- Completed.
 4. Total Project Cost- 4 Cr. 85 Lakhs.

- **Client: ONGC**
 1. Scope - IUG System for Additional Development of Vasai East Project (ADVEP)
 2. Consultant - L&T Valdel
 3. Status - Completed.
 4. Total Project Cost-4 Cr. 18 Lakhs.

- **Client: ONGC**
 1. Scope - IUG System for Daman Development Project (C24 & B12 Platform)
 2. Consultant - Aker Solution / Swiber Offshore Pvt Ltd
 3. Status - Completed.
 4. Total Project Cost-2 Cr. 30 Lakhs.

- **Client: ONGC**
 1. Scope - IUG System for MHSRD PH-III Project
 2. Consultant - Aker Solution / Sapura Kencana
 3. Status - Completed.
 4. Total Project Cost-3 Cr. 60 Lakhs.

PREVIOUS ORGANIZATION

M/S BLAST CARBOBLOCKS PVT. LTD. , VASHI , NAVI MUMBAI.

About Company: leader in manufacturing graphite products for Chemical Process Industry. The product range encompasses graphite Reaction Vessels, Heat Exchangers, HCl Absorbers, Scrubbers, Dilution Units, Concentrate, Distillation Columns, Tower-Packing, Rupture Discs,

Duration: - From Jan 2012 to Dec 2012

Designation: - Design, Technical Marketing Engineer

Job Responsibilities: -

- Detail study of inquiry as per clients requirement.
- Designing of Graphite Heat Exchanger, absorber, falling film evaporator and Dilution Unit.
- Techno- Commercial offer Heat & mass balance.
- Meeting and follow-up with vendor.

TRAINING COURSES UNDERTAKEN

Process Design Engineering" Certified Course from MAEER's MIT, Pune (THANE BRANCH)

ACADEMIC PROFILE

- **Course:** B. E. (Chemical)
- **Institute:** M.G.M.'S College Of Engineering and Technology, Navi Mumbai

Course	University	Year of Passing	Percentage	Remarks
B.E. Chemical	Mumbai	August -2011	63.66%	First Class
H.S.C.	Maharashtra	Feb-2006	60.50%	Grade I
S.S.C.	Maharashtra	Mar-2004	71.46%	Grade I

PERSONAL DETAILS

Date of birth : May 6th, 1988.
Marital status : Married
Gender : Female
Languages Known : English, Hindi, Marathi, and Gujarati
Hobbies : Reading, listening music & dancing.

DECLARATION

I hereby declare that the above mentioned information is correct to my knowledge and belief.

Place: Mumbai

Date:

(Vinaya Patil)