

CURRICULUM VITAE

PURUSHOTTAM H. KUMBHAR

Indrayani Nagar

At post Dhehugaon, Dist. Pune.

Pune-412 109

Mob: +91 9820541269 / 8108838545

E-mail: purushottamhira2007@gmail.com

Education: B.E., Mechanical Engineering -74% -2009 from B.V.C.O.E., Mumbai
D.M.E (Diploma), Mechanical Engineering -78% -2006 from V.J.T.I. Mumbai

SUMMARY OF EXPERIENCE:

- **Senior Mechanical Engineer**
08 + years of Experience in Static Equipment / Oil and Gas / Power Petrochemicals

WORK EXPERIENCE

1. EMPLOYERS NAME: NPCC ENGINEERING PVT. LTD.

DURATION OF EMPLOYMENT: **DEC-2013 TO TILL DATE**

CURRENT DESIGNATION: **Senior Mechanical Engineer**

JOB RESPONSIBILITIES:

- Preparation of tender documents / Purchase requisition preparation.
- Mechanical data sheet preparation.
- Review of equipment design calculation & Drawings.
- Technical Bid evaluation.
- Communication with project team & clients.
- Sound knowledge of PV-ELITE Software
- Preparation of manufacturer design report & detail drawings of vessels.
- Checking GA, detail drawings of pressure vessels.
- Familiar with international codes & standards like ASME Section VIII DIV 1 & 2, API - 650, TEMA.
- Monitor on time delivery for engineering deliverables of various projects.
- To deal with customers on engineering/ design related issue.

- Mechanical design of static equipment like Pressure vessels, Heat exchanger, Tank, Reactors, Evaporators, Filters etc.
- Hands on experience on PV-elite, Codecalc & Mathcad

➤ **DETAILS OF PROJECTS HANDLED:**

❖ **PROJECT TITLE: ONGC LEWPP**

- ✓ Client: ONGC
- ✓ Project Description: 10 New Top Side platforms
- ✓ Duration: 9 Months
- ✓ Responsibility: Purchase requisition preparation, Mechanical data sheet preparation Review of equipment Drawings, Checking GA, detail drawings of Various skids
- ✓ Technical bid Evaluation
- ✓ MTO Preparation
- ✓ Mechanical data sheet preparation
- ✓ Preparation of Design calculation
- ✓ Vendor document review
- ✓ Detail drawing review.
- ✓ Scope included as design, drawings & evaluation
 - Instrument Utility Receiver
 - Instrument Gas Receiver
 - Test Separator
 - Potable water tank
 - Knock out drum
 - Crude condensate drum
 - Technical bid evaluation of package

❖ **PROJECT TITLE: NASR FULL FILED DEVELOPMENT PROJECT**

- ✓ Client: ADMA – OPCO
- ✓ Project Description: Modification of well head towers & construction of new riser platforms
- ✓ Duration: 12 Months
- ✓ Responsibility: Purchase requisition preparation, Mechanical data sheet preparation Review of equipment Drawings, Checking GA, detail drawings of Various skids
- ✓ Scope included as
 - Production Pig launcher
 - Production Pig Receiver
 - Drain Sump tank
 - Diesel storage tank
 - Knock out drum
 - Technical bid evaluation of package

❖ **PROJECT TITLE: NEELAM REDEVELOPMENT PROJECT, INDIA.**

- ✓ Client: Oil & Natural Gas Corporation (ONGC)
- ✓ Project Description: New Well Head tower
- ✓ Pre-bid Engineering
 - Mechanical data sheet preparation of pig launcher & receiver
 - Knock out drum
 - Crude condensate drum
 - Test separator etc...
- ✓ Technical bid evaluation of Nitrogen cylinder package

❖ **PROJECT TITLE: ADMA - UMM LULU FULL FILED DEVELOPMENT PROJECT**

- ✓ Client: ADMA – OPCO
- ✓ Project Description: The project consists of 6 nos. new well head platforms
- ✓ Duration: 12 Months
- ✓ Responsibility: Review of equipment design calculation & Drawings, Checking GA drawings, detail drawings of equipment's, Making Purchase requisition, BOM, Technical Bid Evaluation, to deal with customers on engineering/ design related issue.

❖ **PROJECT TITLE: ZAKUM OIL LINES REPLACEMENT PROJECT**

- ✓ Client: ADMA – OPCO
- ✓ Project Description: Modification of well head towers & construction of new riser platforms
- ✓ Duration: 12 Months
- ✓ Responsibility: Purchase requisition preparation, Mechanical data sheet preparation Review of equipment Drawings, Checking GA, detail drawings.

2. EMPLOYERS NAME: NEW HORIZONS ENGINEERING SERVICES, MUMBAI, INDIA.

DURATION OF EMPLOYMENT: October 2012 – Dec-2013

DESIGNATION: DESIGN ENGINEER

JOB RESPONSIBILITIES:

- Preparation of manufacturer design report & checking of detail drawings of vessels.
- Checking GA & fabrication drawings of pressure vessels, heat exchanger, column, filters.
- Monitor on time delivery for engineering documents of various projects
- To deal with customers on engineering/ design related issue.

DETAILS OF PROJECTS HANDLED:

❖ PROJECT TITLE: P1 PLANT AT DAHEJ, GUJARAT.

- ✓ Client: Aker power Gas Ltd.
- ✓ Project Description: Design of **(7) seven vessels & (5) five heat exchangers.**
- ✓ Duration: 6 month.
- ✓ Responsibility: Responsible for overall activities involved in project, preparation of manufacturer's design reports. Communicating with client about problems & overcoming the same with solution.

❖ PROJECT TITLE: PRE-BID ENGINEERING.

❖ CLIENT: LARSEN & TOUBRO, OMAN.

- ✓ Project Description: Pre-bid engineering
- ✓ Duration: 6 Months
- ✓ Responsibility: Responsible for Pre-bid engineering & drafting of project, Communication with client about project progress & schedule.

Scope included

- **22 Reactor's**
- **5 Column's**
- **10 Vessel's**

❖ PROJECT TITLE: STATE COMPANY FOR OIL PROJECTS (SCOP), IRAQ.

❖ Client: AL NASR ENGG, Dubai

- ✓ Project Description:
- ✓ Duration: 8 Months
- ✓ Responsibility: Responsible for carrying out basic engineering of tank as per API 650 & preparation of Manufacturer's Design Report, communication with the client about project progress. Co-ordination with various parties like. Electrical, Civil, etc..
- ✓ Scope included
 - **10,000 m3 Crude oil tank (Qty. 3)**
 - **12,000 m3 Crude oil tank (Qty. 1)**

❖ USGC PDH-1 PROPANE DE-HYDROGENATION PROJECT, TEXAS, USA.

❖ CLIENTS: CHEM FABRICATION LLC, PROJECT

- ✓ Responsible for overall engineering & drafting of project, conceptual study in reviewing data available & that required for further engineering, preparation of manufacturer's design report. Communication with client about project progress, schedule & problems etc.
- ✓ Scope included as 12 vessels
 - ✓ **7 vertical Vessels.**
 - ✓ **5 Horizontal Equipment's**

❖ **CLIENTS: HYDAC INDIA PVT. LTD., NAVI-MUMBAI, INDIA.**

- ✓ Responsible for overall engineering & drafting of project, preparation Manufacturer's Design Report.
- ✓ Scope included 2 Oil Reservoirs
 - ✓ **Oil Reservoir 30, 000 lit**
 - ✓ **Oil Reservoir 1,000 lit**

❖ **CLIENTS: MELLCON ENGINEERS PVT. LTD. NEW DELHI, INDIA.**

- ✓ Responsible for carrying out basic engineering & drafting of project, preparation Manufacturer's Design Report (according to client specification).
- ✓ Scope included
 - ✓ Air to air heat exchanger
 - ✓ Pre-filter
 - ✓ Evaporator

3. EMPLOYERS NAME: PROCESS EQUIPMENT, KARAD, MAHARASHTRA, INDIA.

DURATION OF EMPLOYMENT: August 2011- October 2012

DESIGNATION: DESIGN ENGINEER

JOB RESPONSIBILITIES:

- ✓ Preparation of GA drawing and data sheets
- ✓ Co-ordination with fabrication shop and sub vendors for on time delivery of complete system
- ✓ Providing engineering solutions while project execution.
- ✓ Technical co-ordination with Customer for approvals of documents and drawings.

❖ **CLIENT: ALFA LAVAL PVT LTD. MAHARASHTRA.**

- ✓ Project Description: Design of Heat exchangers.
- ✓ Duration: 4 Months
- ✓ Responsibility: Responsible for overall engineering, preparation of Design Report. Scope included **(5) Five Heat Exchangers.**

❖ **CLIENT: KIRLOSKAR PNEUMATICS PVT LTD.PUNE.**

- ✓ Project Description: Design of pressure vessels.
- ✓ Duration: 6 Months
- ✓ Responsibility: Responsible for overall engineering, preparation Design Report of equipments.

4. EMPLOYERS NAME: MAHANAGAR GAS LIMITED, MUMBAI, INDIA.

DURATION OF EMPLOYMENT: JULY-2009-AUGUST2011

DESIGNATION: EXECUTIVE ENGINEER

JOB RESPONSIBILITIES:

- Providing Technical support to the customer
- Preparation of technical survey report.
- Inspection of downstream installation of gas pipeline as per quality & safety requirement.
- Laying & testing of PE gas pipeline as per standard.
- Checking as laid drawing as per laid pipeline.
- Reconciliation of material.
- Billing to the contractor.
- Commissioning of PE gas pipeline & downstream pipeline.

❖ DETAILS OF PROJECTS HANDLED:

❖ PROJECT TITLE: TTC INDUSTRIAL AREA GAS PIPELINE.

- ✓ Client: All Navi Mumbai commercial complexes, industry & hotels.
- ✓ Duration: 2 years
- ✓ Responsibility: Project management. It include Laying, testing, commissioning of PNG pipeline

➤ TRAINING PROGRAMS ATTENDED & BRIEF DESCRIPTION:

- ✓ Personality development & communication skill training is completed in NPCC.
- ✓ One Year In-plant training successfully completed at TATA Thermal power plant, Trombay Unit, Mumbai.