

**DEEPAK DILIP KULKARNI**

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Engineer having **5 years & 4 months of experience** in sizing of accessories & design of plants for Reciprocating Compressor (API 618 & Non-API) and sizing accessories for Liquid Ring Vacuum Pump & CF Blower along with New Product Development.

Professional Synopsis

- *Bachelor of Engineering (Mechanical) with distinction*
- Project Engineer at [Burckhardt Compression](#)
- Project Engineer at [Gardner Denver](#)

2008-12**July 12 - Nov 16****Dec 16 - Till Date****Career Exposure:**

- Engineering of Pressure Vessels, Shell & Tube Heat Exchangers, Pumps, Filters, Safety valves, Control valves, Piping & Fittings for Process gas applications & vacuum application
- Preparation of Calculations & Process Designs by using **MEDUSA** (Plant Design System), Plant-Calc, Auto-CAD & Auto Desk Inventor
- Handled **Kick-off meeting** with different Customers including Tecnimont @ Milano, Italy
- Engineering of accessories for Liquid Ring Vacuum Pump & CF blower
- Product Development of LRVP (Liquid Ring Vacuum Pump) model CL 2002 & TC 11
- Training at **GDNC China** for 1 Week
- Certified Disaster Management Volunteer by [AADM](#)

Professional Projects:

Projects	Application	Challenges	End User	Timeline
PROJECTS EXECUTED AT GARDNER DENVER ENGINEERED PRODUCTS INDIA PVT LTD				
Engineering of auxiliaries for LRVP	Steam	- Short time delivery - Sizing of Accessories for deeper Vacuum Application	EPC: Enxio Location: Navoi II, Uzbekistan	June 17- Dec 17
Engineering of auxiliaries for LRVP	EDC & IPA	- Short time delivery - Corrosive application	Bayer GMP, Vapi	Sept 17 - Dec 17
Engineering of auxiliaries for LRVP	Steam	- Short time delivery - Sizing of Accessories for deeper Vacuum Application	EPC: Enxio Location: Moka, Japan	June 17- Dec 17
Engineering of auxiliaries for LRVP	CUMENE	- Short time delivery - Sizing of Accessories for Vacuum Application	EPC : ThyssenKrupp, Customer: Deepak Phenolics	March 17- August 17
Engineering of auxiliaries for LRVP	EDC & IPA	- Short time delivery - Corrosive application	Bayer R558, Vapi	Feb 17 - May 17
Engineering of auxiliaries for LRVP	Steam	- Short time delivery - Sizing of accessories for 30 mbar Pressure	EPC: TPSC India Customer: TANESCO, Tanzania	Dec 16 - March 17

<i>Projects</i>	<i>Application</i>	<i>Challenges</i>	<i>End User</i>	<i>Timeline</i>
Development of LRVP (Liquid Ring Vacuum Pump) model CL2002	Steam/ Chemicals	<ul style="list-style-type: none"> - Short time for development - Co-ordination with China & US offices - Material selection according to Cost & availability 	-	Jan 17 - April 17
PROJECTS EXECUTED AT BURCKHARDT COMPRESSION INDIA PVT LTD.				
Engineering of auxiliaries for Standard High Pressure Compressor	Helium	<ul style="list-style-type: none"> - Short time delivery - Sizing accessories for 301 bar pressure 	TNSK AIR, INDIA	Jul 16 - Oct 16
Engineering of auxiliaries for Horizontal Reciprocating compressor (API 618)	Mix. Of CnHn	MDMT - 42 °C, Heat Tracing, NACE MR 0103, Documents as per CU TR	EPC: TECNIMONT, ITALY CUSTOMER: GAZPROMNEFT, RUSSIA	Dec 15 - Nov 16
Engineering of auxiliaries for Standard High Pressure Compressor	Biogas	Sizing accessories for 251 bar pressure	CLARUS BIOENERGY, INDIA	Jul 15 - Dec 15
Pre-Order Document review for Sales 1) BY Compressor for H2S application 2) Laby Compressor for LNG Application	-	-	1) CPC TAIWAN 2) IOCL ENNORE, INDIA	Jan 15 - Jul 15
Prepared Calculations for Pump Sizing, Pipe Thickness, Nozzle Reinforcements, CW Tank Capacity & CW Heater kW Calculations, Separator Sizing as per Shell DP	-	-	INTERNAL PROJECT	
- Standardization of Water console for BY (Horizontal Compressor) projects - - Standardized all accessories of console including Cooler, Pump, Tank, Valves and Piping & Fittings	-	<ul style="list-style-type: none"> - Variable Project requirements - Standardization of CW Cooler 	INTERNAL PROJECT	Jul 14 - Dec 14
Engineering of auxiliaries for Laby (Labyrinth Sealing) Vertical Reciprocating Compressors (2 Machines)	PP & PE	<ul style="list-style-type: none"> - Sizing of safety valves for Fire case - Coordination between BC Swiss, BC India & BC China 	JIUTAI, CHINA (PP & PLANTS)	Jul 13 - Jul 14

Roles & Responsibilities:

- Detail engineering of Main Skid, oil console (API 614), water console (API 618) for **Process gas application (API & Non-API)**
- Interpreting client specifications & preparing **technical specifications** of auxiliary equipment
- Execution of engineering design activities for **accessories** and **packaging items** based on good engineering practice, applicable international standard and company standards as applicable
- Engineering and preparation of project engineering documents like **General Arrangement drawing**, **Piping and instrumentation diagram (P&ID)**, **Foundation drawings**, **Isometric Drawings**, **Equipment datasheets** etc. as per project requirement
- Sizing & preparation of **plant piping layout** (3D plant modeling) based on space, operational, safety & maintenance aspects
- Preparation of **technical specification for all auxiliaries** & issue of **Bill of Material** to internal & external customer
- Validation of Technical Specification of Auxiliaries from Different Suppliers
- Handling of **Kick-Off meeting** with Client
- Arranging & handling **Design Review Meetings & commissioning related meetings with internal Clients including CSS**
- **Expedition with Suppliers** to ensure timely project deliveries
- Preparation of Final documents as per project specific requirement like equipment passports as per **Russian Regulations (GOST)**

Extracurricular Activities & Achievements:

- Organizer of **CSR (Campus Social Responsibility)** events in college as well as at Burckhardt Compression
- Represented Burckhardt Compression at **District level cricket**, Engineering quiz by Economic Times
- **Anchored** in various college events
- **Captain** of College teams for Chess & Carom
- **Best presentation award** during trainee period at Burckhardt Compression India Pvt. Ltd.
- Coordinated & Volunteered events for **Social Cause**

Computer Proficiencies:

- Process Related : Auto CAD, Auto Desk Inventor, Medusa, Plant Calc, SAP
- General : Microsoft office (MS Word, MS Excel, MS PPT & MS One note)

Languages:

- English, Hindi & Marathi

Hobbies:

- Reading novels
- Solving **brain teasers & math puzzles**
- Playing Chess, Carom & Cricket

Personal Details:

- Name: Deepak Dilip Kulkarni
- Nationality: Indian
- Gender: Male
- Marital Status: Single
- D.O.B: March 31 1991
- Address: Flat No. 5, Misal Chambers, Off J.M. Road, Shivaji Nagar, Pune, Maharashtra, India - 411005