**ANURANJAN KUMAR**

**E-mail:**

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**CONTACT NO:**

+91-8826085768 / 8587895179

**D.O.B:**

03 January, 1988

**COMPUTER &DESIGN SKILLS:**

ERP/SAP, MS office, AutoCAD, Pipe-Net,

PV-Elite (Beginner)

Navis-works, Ansys Beginner

**CERTIFICATION -**

**MCTE (CITD)** –Master certification in computer aided engineering,

CITD-Hyderabad

**PERCEIVED STRENGTHS:**

* Analytical skills & Objective approach.
* Ability to learn, unlearn and relearn
* Positive attitude & Team spirit.
* Interpersonal skills
* Committed & Result oriented
* Inter-functional operation skills.

**LINGUISTIC PROFICIENCY:**

English, Hindi

**HOBBIES:**

* Social Networking
* Watching Movies
* Cooking
* Reading novels

**PASSPORT**

Available

**Contact:**

Location: Gurgaon, India

**Career Objective**

I am actively seeking for a position in Engineering Dept. In oil gas sector, allowing me to utilize my skills in the field of Oil & Gas, Industrial Piping to lend my expertise for organizational & professional growth.

**EXPERIENCE SUMMARY (7.9 Years)**

**Current Organization- Cairn India Vedanta oil & gas (On contract)** Dec-2018-Till Date

**Designation**: Senior Mechanical Engineer (Deptt. -Engineering)

Working in ongoing projects for upstream production enhancement & Strategic Engineering development works.

**PREVIOUS EXPERIENCE:**

**1. Organization: Thermo-Systems Pvt. Ltd (Noida)**

**Previous Experience:** Aug 2014 –Dec2018 (4 Years & 4 months)

**Designation :** Senior Design Engineer (lead Mechanical Piping & Tankages)

**2. Organization : CITD Hyderabad- Design Engineer** (May 2013 –June14) (01 year**)**

Completed project based Master Certification in computer aided engineering (MCTE) from CITD Hyderabad.

It was a full time project based course.

**3. Organization :** **LLOYD Insulations (I) Ltd.**

**Profile :** Piping Engineer

**Experience :** 1 year 10 months (July 11-April 13)

**Core Competencies**

1. To perform feed & detailed Engineering of Projects related to mechanical Packages, Piping and API Storage tanks & pressure vessels. To handle Engineering Change management.
2. Review vendor documents (VDR) of valves, pumps, Agitators, Strainers etc. within the discipline and from other disciplines for compliance with project requirements.
3. Make MDS/SOW for pumps, valves in-line with process requirement & VMS.
4. To actively perform technical evaluation TBE for polymer packages, Chemical packages, Pumps, valves & piping components.
5. To check & review piping layout, equipment layout, GAD, Isometric drawings in-line with P&ID & project requirement.
6. To check & review fabrication drg. & GAD of Vertical storage tanks of both Floating roof & fixed roof tanks.
7. To extract & review MTO for piping, mechanical packages, painting in line with VMS & PMS for the ongoing project.
8. To do pressure drop, NPSH & flow calculations using Pipe-net software & Spread sheets
9. Manage team of draughtsman to carry out all Engineering work (piping layout/isometric generation) in time.
10. Co-ordinate with Engineering Consultant/ vendors for any input, changes in the Design from engineering department.
11. To make site visits whenever required, to give proper guidance to the execution team.

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**Current Projects**

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| --- | --- | --- | --- | --- |
| **Company** | **Project name** | **Type of Project** | **Material Specification** | **My Role** |
| Cairn India | Fuel gas Conditioning skid  At Mangala Processing Terminal | Pilot Gas Package | Carbon Steel  A105,A106 Gr.B,A216 | To perform vendor document review including Fabrication Drg, Skid GAD, Mechanical design Calculation of Pilot gas Scrubber, Electric heater & connecting Piping GAD, Structural Base frame drg. Etc. |
| Cairn India | H2S Scavenging & chemical injection Skid at Bhagyam Terminal | Rotary & Static Package | A-312 Gr.316  A-182,A-403 | To perform vendor document review including GAD,& Datasheet of pumps, Piping GAD of Skid & in-house generation of connecting piping isometric along with MTO. |
| Cairn India | Chemical Injection Package at MPT | Rotary & Static Package | A-312 Gr.316  A-182,A-403,A-351 | To perform vendor document review including GAD & Datasheet of reciprocating pumps, Piping GAD of Skid, tanks calculation & fabrication drg. & in-house generation of connecting piping isometric along with MTO. |
| Cairn India | Injection water Boosting for AWP | Piping & Pumps | A-106 Gr. B  A-105 (1500#) | Development & review of piping GAD, Equipment GAD & isometric drgs. TBE & review of 35 KBPD long barrel pumps. Review of Valves GAD & piping components. |
| Cairn India | Polymer Injection Project at Aishwarya Well Pad | Piping,  Rotary & Static Package | A-106 Gr. B  A-105  SA-516 Gr.70 | Development & review of piping GAD, Equipment GAD & isometric drgs.  Vendor doc. Review of GAD & mechanical calculation of maturation vessel& polymer preparation skid. |
| Cairn India | Nitrogen generation package at centralized polymer facility (MPT) | Air Dryer & Nitrogen package | SA-516,  A-105,A-106 | VDR of Nitrogen generation skid |
| Cairn India | Strategic Engineering | ARC of Mechanical items | A-105,A-106  A-234 WPB A-351,A-216 WCB & WCC,A-182 Gr.F51/60,Gr.316,Gr.304/304L, | To make scope of work/supply & perform technical bid evaluation in line with technical specification for ARC of size (DN20-DN600) of Flanges, Ball valves(150#-2500#),Globe Valves(150-2500#),Butterfly valves, CS & SS check valves, CS,SS &DSS Pipes, Pipe fittings, Structural steel etc. |

**Previous Projects**

**1. Automated lube Oil blending System IOCL Trombay:** Detail Engineering (layout& Piping isometrics) of automated lube oil blending plant including piping for Process, Utility, Piggable Piping, Finished Product tanks, Additive tanks etc.

**2**. **RBPL pipeline capacity expansion project (Consultant LTHE) Barwala Haryana:** Detail engineering of piping capacity expansion project of HPCL including static tanks & piping, Mainline Pumps etc.

**3. Composite Works Units and Offsite at Gail, Vijaipur – (Consultant – EIL)**:

To carry out Detail Engineering of Piping works for new amine tank and the interconnection with the existing system, piping of Steam header from GPU B/L to LPG rail/road gantry, New Propane chiller for spiking and chilling the C2-C3 mixture to Gail Pata, New flare gas recovery compressor and interconnection with Existing system.

**4. Yard Piping Package of 1X660MW Harduaganj Thermal Power Project, Uprvunl-Toshiba JSW Power Systems Pvt. Limited-** Detail engineering for Station piping package, package including instrument air, plant air, DW, raw water etc.

**5 .Product pipe line works at HPCL Rajbandh IRD Durgapur-** Detail Engineering of 1200 LPM pumping station of HSD & MS oil product line from storage tanks to pumping Station & tank truck loading gantry.

**6. Product pipe line works at HPCL Mughalsarai Terminal-** Detail engineering of 1200 LPM pumping station of HSD & MS oil product line from storage tanks to pumpingStation & tank truck loading gantry.

**7. Product pipe line works at HPCL Lucknow Terminal-** Detail engineering of pumping station of HSD & MS oil product line from storage tanks to pumping station & tank truck loading gantry.

**8. Composite works at RKPL (HPCL) at Mathura Terminal (Consultant Worley Parsons) -** Detail engineering of work at Mathura terminal of HPCL (RKPL), including Product piping from process area to marketing manifold area, it included Rotary & Static equipment & piping.

**9. Composite works at RKPL (HPCL) at Kanpur Terminal**- Detail engineering & Execution of work at Kanpur terminal of HPCL (RKPL), including process piping from process area to marketing manifold area, Rotary & Static equipment piping work.

**10. ONGC Hazira- Design of Diesel & LSHS storage tank (Consultant – EIL)-** Detailed Engineering for Diesel Storage tank of 20 MT (3 Nos.) & LSHS Tank of 84 MT (2 Nos.).

**11. IOCL Bongaigaon Assam & Baroda Gujarat** – Design& detailed engineering of Floating roof Gasoline Tank (30Mtr.dia) & cone roof Amine Tanks.

**12**. Piping at site for execution of the project at 2X250 MW plant at Harduaganj Aligarh (UPRVUNL) including utility & FDPS package.

**EDUCATION**

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| --- | --- | --- | --- |
| **QUALIFICATION** | **INSTITUTE** | **YEAR** | **PERCENTAGE** |
| MCTE | C.I.T.D,HYDERABAD | 2013-14 | 70 |
| B.E (Mechanical) | R.G.P.V, Bhopal | 2007-2011 | 73.5 |

**ACADEMIC ACHIEVEMENTS**

* Winner of Inter College Technical Quiz at RITS, Bhopal.
* Winner of sports meet held at RITS, Bhopal.
* Actively participated in TECHKriti 10 held at “IIT Kanpur” in several events.

**DECLARATION**

I hereby declare that the information given above is true to the best of my knowledge and belief.

**PLACE: New Delhi ANURANJAN KUMAR DATE…/...…../…….**