Kapil Dudela

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About 9 years of experience in engineering consultancy, Process Technology Licensing, Design and Development in India. Has Extensive experience in process engineering and design, Refinery, Oil and Gas processing projects. Worked in Conceptualization, FEED, Detail engineering and EPC projects.

**Summary**

**Experience**

* Currently working as a Process Engineer in McDermott International Ltd, from April 2019 to till date.
* Worked as Senior Process Engineer in Larsen & Toubro, Vadodara from July 2018 to April 2019.
* Worked as Process Engineer in Triune Energy Services Pvt. Ltd from March 2016 to August 2017.
* Worked as Process Engineer in SK E&C Pvt. Ltd from May 2014 to Feb 2016.
* Worked as Process Engineer in Petrofac Engineering Services. Ltd from June 2012 to April 2014.
* Worked as Process Engineer in Prescient Energy Solution Pvt. Ltd. from July 2010 to May 2012.
* Preparation of material and energy balance.

**Work Experience Summary**

* Preparation of block flow diagrams and process flow diagrams. Development of P&ID’s.
* Carrying out hydraulics and line sizing.
* Equipment Sizing
* Preparing process data sheets for various process equipment.
* Sizing relief valves and making relief summary for various cases.
* Developing various detailed engineering documents and deliverables.
* Aspen Hysys, Flarenet and Promax.

**Tools used**

* AutoCAD
* M.S. Office Package

**Project Details**

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| **S. No.** | **Project Name** | **Brief Scope Description** |
|  | Tyra Redevelopment Project  Client: TOTAL  Role: Process Engineer | Detail Engineering  Offshore Process Platforms. |
|  | Propane Dehydrogenation Unit  Client: FORMOSA (Ningbo)  Role: Process Engineer | Basic Engineering (Lummus Technology)  To convert Propane to Propylene.  Preparation of Basic Engineering Package. |
|  | Sulfur Recovery Unit  Client: KNPC (MAA refinery)  Role: Process Engineer | Detail Engineering  MAA Refinery Green field site for setting up two parallel trains for Removal of Sulfur from ARU & SWS units.  Reviewing and verifying the process calculations, PFDs, P&IDs, UFDs, Control Narratives . |
|  | Crude Distillation Unit  Client: KNPC (MAB refinery)  Role: Process Engineer | Detail Engineering  MAB refinery building one more CDU unit for distillation and fractionation of Crude.  PFDs, P&IDs, Vendor documents, Hydraulics.  Performed HTRI Check also for Hydrocracking Unit (HCR) |
|  | GSPC Offshore Revamping jobs(PLQP Platform), Kakinada, India.  Client: GSPC LTD  Role: Process Engineer | FEED & Site Visit  Process Calculations of New as well as Revamped Equipments. Total service provider for GSPC projects. |
|  | Detailed Engineering of Life Extension of Well Platform Project, ONGC India  Client: ONGC LTD  Role: Process Engineer | Detail Engineering Revamp Project  LEWPP is the revamp, modification of existing various well platforms comprising test separator, pig launchers / receivers, well flow arms, closed drain system, glycol seal drum and flare system. |
|  | Jazan Utilities IGCC package-5.  Client: Saudi Aramco  Role: Process Engineer | Gas compression Proposal  Performed Hydraulics, PSV Calculations, Depressurization etc. |
|  | Nasiriya Gas Treatment Plant  Client: KOGAS AKKAS B.V,Iraq  Role: Process Engineer | FEED.  Making P&IDs from PFD which was further made from BFD. Performing Pump hydraulics, line sizing etc. |
|  | GR-5 Gas Compression Station  Client: Sonatarch, Algeria  Role: Process Engineer | Gas compression Proposal  Performed Line Hydraulics, Compressor Settle out calculation, Datasheet preparation, Depressurization. |
|  | ZCINA Gas Compression & Reinjection Station Proposal.  Client: Sonatarch, Algeria  Role: Process Engineer | Gas compression Proposal  Performed Line & Pump Hydraulics, Prepared Line List, PSV Calculations, Depressurization etc. |
|  | Gail Tarapur Pipeline Project.  Client: GAIL  Role: Process Engineer | Pipeline Project  Pig Launcher & receiver work  Performing Line hydraulics, PSV Calculations. |
|  | ONGC Cluster-6(FPSO) Offshore proposal.  Client: ONGC  Role: Process Engineer | Providing process engineering support to the customer during the project execution. |

**Educational Qualification & Personal Dossier**

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| B.Tech (Chemical) | University School of Chemical Engineering, Delhi, India (2010). |
| Address | 803,Sec-12,Friends Society ,Vashundhra, Ghaziabad,U.P. |
| Father’s Name | Shri Krishan |
| Marital Status | Married |
| Passport no | J5415603 |