Kabita

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**EDUCATION:**

MBA (Oil &Gas Management), University of Petroleum & Energy Studies, Dehradun, India

B.E in Chemical Engineering**,** Haldia Institute of Technology, Vidyasagar University (West Bengal), India

**KEY EXPERIENCE:**

* Safety engineering studies, i.e. physical effects modelling/risk integration - Quantitative and qualitative risk assessment (QRA, FEA via Shell FRED/Shepherd, DNV PHAST/PhastRisk)
* Workshop scribing (HAZID, HAZOP, SIL) for both onshore and offshore installations via PHA-Works/PHA-Pro and perform SIL verification

**PROFESSIONAL EXPERIENCE:**

I have in total 10 years of experience, including 7 years providing HSE consultancy services and 3 years in Research & Development. I have experience of both Qualitative and Quantitative Risk Assessment for Onshore and Offshore facilities from Oil and Gas to Petrochemicals/Chemical sectors. I am an experienced workshop scribe and am also experienced in a wide range of software tools, including PHAST, PHASTRISK, PHAPRO, LEAK, FRED and Shepherd.

**2014 to March, 2016**

**Risktec Solutions DMCC, Dubai, UAE**

**Project Engineer (HSE & Risk Management Consultant)**

**HSE & Risk Management Consultant** based in the Dubai office of Risktec Solutions, and is responsible for supporting a wide range of Safety and Risk Management projects in the Middle East region.

Recent projects include:

* **Al Dhafra Petroleum:** HSE Standards & Procedures Development
* **Bechtel Petrofac Joint Venture (BPJV)-** Scribe for Hazard studies for Alumina Refinery
* **OMV (Pakistan) Exploration GmbH (OMVP)**– FEHA for Mehar Gas Processing facility
* **Dubai Supply Authority**-HAZOP Scribe for Margham Gas Plant
* **Dubai Supply Authority**-SILClassification and Verification Study for Margham Gas Plant
* **Shell IRAQ Petroleum Development (SIPD)**- HAZOP Scribe for Various MOC in Majnoon Field
* **Petrofac International (UAE) LLC** -Frequency and Consequence Analysis for Salalah LPG FEED Oman Gas Company
* **Saudi Aramco-** QRA for East West Pipeline Corridor
* **Shell IRAQ Petroleum Development (SIPD)**- HAZOP Scribe for ASP2 Wells (MJ52-55) in Majnoon Field
* **Petroleum Development Oman (PDO) and WorleyParsons:** Amal Steam Facilities Phase 1C Off plot QRA
* **WorleyParsons-** HAZOP Scribe for Tuba Tie Back Project
* **Saudi Aramco** – Turaif Bulk Plant Risk Assessment
* **OMV (Pakistan) Exploration GmbH (OMVP)**– FEHA for Wellhead Compression facility
* **Basrah Gas Company (BGC)and WorleyParsons:** HAZID & HAZOP Scribe for Early Production By-pass facility, HAZOP Scribe for Tuba Tie Back Project
* **Basrah Gas Company (BGC)**- Scribe for the Design Safety Review of Zubair Hammar Gas Dehydration Plant
* **Petroleum Development Oman (PDO) and L&T, India** – Scribe for the HSE studies Review for YIBAL 3rd Stage Depletion Compression Project
* **OMV (Yemen Block S2) Exploration GmbH (OMVY)**– HAZID, HAZOP & SIL scribe for Oil truck facility
* **Exterran Eastern Hemisphere Integrated Projects (Exterran)**– HAZOP Scribe for Zora Gas Field Development Project
* **Exterran Eastern Hemisphere Integrated Projects (Exterran)** – QRA Study for Zora Gas Field Development Project
* **Exterran Eastern Hemisphere Integrated Projects (Exterran)** – Flare & Incinerator thermal radiation & gas dispersion study for Zora Gas Field Development Project
* **Exterran Eastern Hemisphere Integrated Projects (Exterran)**–Summail Gas Plant project: Risk Analysis Study for additional TEG-2 unit
* **McDermott Middle East Inc.** – HAZID scribe for QG LQ Accommodation Project
* **Wasco EngineeringInternational Ltd.** – HAZOP Scribe for BGC temporary compression station facility
* **Wasco Engineering International Ltd.** –QRA for BGC temporary compression station facility
* **Wasco Engineering International Ltd.** –QRA for Qurainat Temporary Compression Facility
* **OilSERV** – Summail Gas Plant Additional TEG-2 Unit Risk Assessment
* **Dubai Petroleum** – HAZOP Scribe for CCP-3 Platform Revalidation

**2013 to 2014**

**Aker Powergas Pvt. Limited, Mumbai, India**

**Principal Safety & Environment Engineer**

* The overall performance of Safety discipline activities and deliverables in the Maintenance and Modification Task of Offshore Platforms-
* Obtain detailed information of the Task scope of work for own discipline.
* Contract review participation, Prepare discipline input required for completing the design basis for the Task. Evaluate man hours required to complete the task, Arrangement of resources to do the task.
* Ensure that the Task scope of work for safety discipline is clear and understood by Team members. Discipline activities are performed in accordance with the project execution model (PEM). Monitor discipline schedule and Man hour budgets HSE aspects. HSE checklist, Hazid, Hazop, Job safety analysis. Construction safety etc. Issue of HSE deliverables as per Project Execution Model (PEM).
* Addressing technical clarification sought by the client

**2009 to 2013**

**Det Norske Veritas AS Oil & Gas, India**

**HSE & Risk Management Consultant**

Experience:-

* Participation in QRA, HAZID, Dispersion Modeling and Emergency Response Planning Development
* Exposure towards HAZOP,SIL
* Interpretation of model results for input into recommendations based on Cost-Benefit and feasibility analysis
* Report writing for HAZOP, HAZID, QRA and other Studies
* Technical & Commercial Proposal Preparation
* Handled QRA Study project of production fluid transportation pipeline of a prestigious client as lead team member
* Handled QRA Study project of cross-country pipelines of a prestigious client as lead team member
* Optimization of technical and commercial performance of the project
* Handled the Risk Analysis Study project of refinery of a prestigious client as an active team member
* Addressing technical clarification sought by the client
* Presentation of the results and recommendations to the client

Projects involved:-

* HAZID, Bow-Tie preparation for Drilling Rig-for Greatship India limited
* QRA,HAZOP & ERDMP for HPCL POL terminals
* QRA for SK-316 Gas field development for Saipem India Projects limited
* QRA for GASCO, Abu Dhabi
* HAZID, HAZOP for Clamp on projects for Leighton Welspun
* QRA for LPG Bottling plant of Total Oil India Pvt Ltd.
* QRA for HPCL Vizag Refinery
* QRA for GAIL Cauvery Basin Pipeline
* QRA for Bhagyam Trunkline Pipeline Project
* QRA for HPCL Jetty Pipeline
* QRA for Essar Refinery
* QRA for Chambal fertilizer plant
* HazId, HazOp and QRA for Swiber Offshore
* QRA for IOCL Guwahati Refinery
* QRA & HAZOP Study for IOCL Crude Oil Boosting Station, Jaipur
* HAZOP Study for Jindal Steel Plant
* HAZOP Study for Vedanta Alumina Refinery (VAL)
* HAZOP for Vizag Steel Plant
* QRA & DMP for LUPIN Limited
* QRA & ERDMP for City Gas Distribution Project, BGL
* HAZOP, QRA & DMP - HPCL, Cuttack
* QRA for Chennai White Oil Terminal
* QRA for Mahanagar Gas Limited Pipeline
* QRA for Takreer Pipeline, Abu Dhabi

**2004 to 2007**

**National Metallurgical Laboratory CSIR Diamond Jubilee Research Intern**

* Review of design documentation and operating records to extract relevant information
* Research (Books, Papers, Internal/External Databases) to support the scope of assignment
* Running analysis to obtain results
* Contribution towards the conclusions and recommendations derived from the analysis
* Write up methodologies, results and findings to form study reports

**Nationality:** Indian

**DOB:** 24th December,1980