

Muhammad Rashid Nizamani

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OBJECTIVE

Seeking a challenging position in field of Oil & Gas Industry, for a professionally acclaimed organization where I can excel and contribute significantly towards the growth.

SUMMARY OF KEY SKILLS & AREAS OF EXPERTISE

- A highly motivated engineer with a strong background of significant achievements and twenty-three years plus experience as Production / Operation & Commissioning Engineer in the field of Oil & Gas & Refining Sector.
- Having good experience of initial plant/site preparation, pre commissioning, commissioning & start up.
- Thorough knowledge & hands on experience of Operations and commissioning of Gas turbines, Front end Compressors, Gas engines, Diesel Engines, Gas injection compressors command on operating of Gas processing facility, refrigeration system, Dehydration units & Amine treatment plants.
- As an achievement: Rahmat Gas plant relocation, installation commissioning and startup. Lead the team on field as commissioning in-charge for successful startup of Gas processing facility.
- Working experience of SAP enterprise and MAXIMO.
- Successfully worked on large scale projects during initial design, commissioning, startup, maintenance and improvement phases.
- Successfully completed Projects with multi cultured work forces.
- Trained and Certified on Process Safety and Risk Management system from DuPont
- Experience of HSE auditing, procedures development & HAZID /HAZOP.
- Good working knowledge of Preparation of HSE Procedures, risk assessment, QRA.JSA, TRA SIMOPS.
- Experience in technical communication and able to discuss in detailed technical issues.

STRENGTHS

- Positive and proactive approach.
- In depth knowledge of process operation & commissioning.
- Strong Operation /project/ management skills.
- Persuasive, diplomatic, articulate, ambitious & analytical thinking.
- Strong interpersonal and organization skills.
- Strong follow ups.
- Positive belief in personal capability. Confident in dealing with difficult situation.

PROFESSIONAL QUALIFICATION

1997 B.E in Petroleum & Natural Gas Engineering

EMPLOYMENT SUMMARY

<u>DURATION</u>	<u>ORGANIZATION</u>	<u>DESIGNATION</u>
2019 to till date	ADNOC Onshore Abu Dhabi	Engineer Plant Operations
2017 to 2019	Pakistan Petroleum Ltd	Senior Engineer Operations
2013 to 2017	ADCO (Abu Dhabi UAE)	Operations Engineer
2012 to 2013	OMV (Pakistan)	Production Superintendent
2009 to 2012	OMV (Pakistan)	Lead Plant Production Engineer
2007 to 2009	Engro Polymer	Operations Engineer
1998 to 2007	National Refinery Ltd	Unit Engineer

PERSONAL DETAILS

Date of Birth: 22.09.1972
Nationality: Pakistani
Passport #: AK9857973
NICOP: 41303-1496797-5
Marital Status: Married, four children
Mailing Address: H.No. A-41, Long Life Banglows Gulistan e Johar Block-17 Karachi, Pakistan.
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TOTAL PROFESSIONAL EXPERIENCE

(23year Plus)

ADNOC Onshore, Abu Dhabi (2019 to till date)

- Currently working as an Engineer Plant operations in ADNOC South East ASAB Field and responsible for crude oil treatment, Gas injection & Water Injection operations.

Key Responsibilities:

- Reviews operating parameters and plant conditions on continual basis, modifies them as per company's procedure, trouble-shoots plant problems and handles plant emergencies to ensure that the plants are operated efficiently and safely. Closely involved in the maintenance planning aspects with maintenance and job safety analysis to ensure that all work carried out with meeting HSE standards. Ensure safe & smooth operation of Gas Injection Compressor Station having total capacity of 400 MMscfd. Crude handling of 720K BPD.
- Maintenance Planning through SAP FIORI
- Approving work permits through ePTW system.
- Preparation of daily / Weekly Monthly and yearly Plant reports.
- Coordinate inter-departmental level studies, improvement projects and focus in areas and problems common to all plants.
- Preparation of Task Risk assessment (JSA) and responsible for Issuance of work permits.
- Experience of working with DCS, PLC, ESD/ F&G systems logics, cause and effect charts, logic diagrams.
- Experience of HAZID and HAZOP studies.

Pakistan Petroleum Ltd (2017 to 2019)

Worked as a Senior Engineer (Operations) and responsible for Commissioning & monitoring of Oil & Gas operational plants in Gambat south and Hala fields. My key areas were,

Rehmat Gas Plant Relocation Project:

- Worked as a Startup & Commissioning in-charge of Rahmat Gas field relocation project.
- Responsible for Gas plant relocation, installation and commissioning of Gas processing facility as new name GPF-IV at PPL Gambat Gas field, it comprises of inlet separation, Amine sweetening & dehydration, HCDP unit and CO2 removal membrane unit.
- Lead the pre-commissioning, commissioning and startup team of GPF-IV plant & successfully commissioned the gas processing facility.

Other Areas,

- Lead the design modification of Hala gas field to resolve chronic issue of foaming & increase feed rate from 16MMscfd to 20 MMscfd
- Part of team, prepared basic design package for CO2 removal membrane unit.
- Monitoring the Gas processing facilities on day today basis, optimizing the process operation.
- Preparing reports & ITB's for procurement of new items.
- Provide feedback to the project team on all aspects of philosophy, design and equipment selection for the new projects.
- Provide input in the studies and activities to ensure that operability, maintainability and integrity issues are properly addressed and optimized.

Abu Dhabi Company for Onshore Operations (ADCO) (2013 to 2017)

- Currently working as an Operations Engineer in ADCO South East Field and responsible for crude oil treatment & Gas injection operations.

Key Responsibilities:

- Reviews operating parameters and plant conditions on continual basis, modifies them as per company's procedure, trouble-shoots plant problems and handles plant emergencies to ensure that the plants are operated efficiently and safely. Closely involved in the maintenance planning aspects with maintenance and job safety analysis to ensure that all work carried out with meeting HSE standards. Ensure safe & smooth operation of Gas Injection Compressor Station consist of two reciprocating and one centrifugal train having total capacity of 100 MMscfd..
- Worked as commissioning engineer of new full field development project.
- Coordinate the pre-commissioning, commissioning and startup activities of FFD project.
- Maintenance Planning through MAXIMO.
- Approving work permits through ePTW system.
- Preparation of daily / Weekly Monthly and yearly Plant reports.
- Coordinate inter-departmental level studies, improvement projects and focus in areas and problems common to all plants.
- Preparation of Task Risk assessment and responsible for Issuance of work permits.
- Experience of working with DCS, PLC, ESD/ F&G systems logics, cause and effect charts, logic diagrams.
- Experience of HAZID and HAZOP studies.

OMV (Pakistan)Exploration GmbH (2009 to 2013)

- Worked on very senior positions in OMV (Pak) Austrian Oil and Gas Exploration Company.

Key Responsibilities:

- Ensure safe & smooth operation of Gas Compressor Station consist of four compression trains of identical gas turbine driven centrifugal compressors of 7.5 MW each feeding to two identical Amine units having a capacity of processing of 200 MMscfd gas at each unit.
- Monitor and recommend updates to operation and safety procedures. Monitor tests and sample data to assess the quality of product.
- Planning, execution and monitoring of plant activities, reporting work progress, problem analysis & trouble shooting.
- Develop general concepts; start up procedures, commissioning procedures, scope of work, hook up methodologies & basis of Design.
- Participation in Engineering Stage Reviews and HAZIDS & HAZOP studies.
- Issue and Implementation of PTW system.
- Implementation of HSEQ procedures, Auditing and review & monitoring of HSEQ standards and Systems.
- Monitoring of Gas Wells production rates and parameters & liaison with Gas distribution companies.
- Monitoring of Quality assurance lab and its reports(LISMAN)
- Operating staff skills monitoring and preparation of development Plans.
- Made feasibility report and commissioning of reduced Flaring project which resulted in economical manufacturing cost and enhanced profitability.
- Lead the production commissioning team for safe commissioning & startup of four gas turbines and compressors.

ENGRO (ASAHI) POLYMER & CHEMICAL LIMITED (2007 to 2009)

Worked as Operation Engineer (Shift In-charge) Engro polymer & Chemicals Ltd EDC/VCM plant (manufacturing of 207 KTA of Vinyl Chloride Monomer by the process of Cracking Ethylene dichloride), which is relocated from USA Baton Rouge.

Key Responsibilities:

- Worked as an active Operation /Project engineer on EDC/VCM Plant
- Job safety analysis and responsible for Issuance of work permits.
- Part of pre-commissioning, commissioning and startup activities of plant.
- Prepared SOP's (standard operating procedures) and review P& IDs.
- Simulate the Material balance/Energy balance of plant on Hysis
- Conversion of P&ID's from pneumatic to DCS control system.
- Gained experience of working with state of the art Dupont PSRM safety standards
- Made recommendation for manufacturing methods and coordinated projects which resulted in economical manufacturing cost and enhanced quality.
- Familiar with What if analysis/ FMEA techniques

National Refinery Ltd. (1998 to 2007)

08 years of working experience in National Refinery Ltd (Pakistan). In depth working experience of Solvent Extraction, De-waxing unit and Hydro Treating and Hydrogen generation/Sweetening (CO₂/CO removal) unit as Operations Engineer.

Key Responsibilities:

- Process monitoring, operation evaluation and optimization of the plant.
- Plan, coordinate and manage the safe & efficient operation of following units:
 - a) Solvent Extraction/ De-Waxing Unit.
 - b) Hydrogen Generation & sweetening unit
 - c) Hydro-finishing Unit.
- Monitor day-to-day production activities to meet yearly production targets.
- To ensure safe, smooth and optimum operation of Process units.
- Review maintenance jobs and get them done with help of maintenance department.
- Handle troubleshooting, issue work permits to carry out routine and Critical jobs.
- Regeneration of hydro treating catalyst & catalyst unloading & loading.
- Optimize the operation of acid Gas Removal (CO/Co₂)
- Having experience of Processing and operation of Sweetening of Gas .
- Developed SOPs for Plant startup, Shut down and Emergency shut down.

PROFESSIONAL TRAINING & COURSES

- Oil & Gas Field Processing, by IFP Training, Rueil Malmaison FRANCE.
- Amine Treating & sour water stripping by Amine Experts at Bernkastel Kues, Germany.
- SGT-200-2S, Turbines Operations and control system with SIEMENS UK.
- Centrifugal Compressors Operation, control systems and Performance Monitoring calculations training with Foresthoffer Associates, USA
- Essential Refinery Processes for Process Engineers” by Japan Cooperation Center Petroleum (JCCP) in Japan.
- Operation of VCM Plant by INEOS Vinyls at Abu Dhabi UAE.
- Critical Operating Parameters (EDC VCM Plant) Training Conducted by INEOS VINYLS UK at Porto Meghera site in ITALY.
- Fuel Gas system, Operations and control System training with Repco, Italy.
- Nitrogen generation Package, basic operations and control systems training with Prosep Malaysia
- Process Modeling by Aspen Hysis with ASPEN Tech.
- DuPont Process Safety and Risk Management,
- ISO-14000 implementation
- FMEA Techniques
- Training Course on “Communication and Presentation skills.”
- Training Course on “ Effective Time Management”

COMPUTER LITERACY

- Excellent command over MS-Office and windows based software
- Worked on Software's like LOTUS NOTES , Outlook, Aspen Hysis Plus , MS Project, Maximo, SAP