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Mohamed Zainuddin N M

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Field Service Engineer with bachelor's in petroleum engineering 2 years of experience in petrochemicals analysing process data, providing technical recommendations, preparing technical reports, and troubleshooting various challenges. Have also majorly worked in selection and recommendation of petrochemical specialty chemicals such as emulsion breaker inn separator, corrosion control chemicals in quench water tower, antifoulants in heat exchangers, phosphate oxygen scavenger amine in boiler treatment etc. in various units whenever required thereby increasing the profitability of the plant. Currently deployed at Borouge site, ADNOC (Ruwais) to monitor, analyse and troubleshoot day to day activities pertaining to specialty process chemicals supply in EU 1,2 and 3. U&O 1,2 & 3, LDPE Hot water system.

EXPERIENCE SUMMARY:

- Monitoring of petrochemical plant equipment's performance and operation.
 - Conducted maintenance and calibration activities on various treatment plant instrumentation.
 - Performed analytical testing such as: turbidity, chlorine, pH, O₂, TOC, Fe, Silica, in addition to various other site-specific testing requirements.
 - Co-ordinating with clients with detailed technical summaries of work performed during service visits.
 - Coordinating with R&D for appropriate lab testing and interpretation of lab results to identify the cause of the challenges in the petrochemical plant.
 - Monitoring of heat exchangers, troubleshooting challenges of fouling in heat interpretation of analysis/lab tests of the foulant deposits, performance monitoring, antifoulant chemicals and application
 - Preparing expert reports to which explains the root causes, recommendations, and way forward to overcome specific challenges.
 - Quarterly meetings to review performance of the chemical applications as well as the standards of on-site day to day technical support provided.
 - Providing on site-recommendations to clients during passivation activities in boilers, LDPE reactor tubes etc.
 - Monitoring closed loop cooling water system, Effluent treatment unit and providing trouble shooting recommendations.
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PROFESSIONAL EXPERIENCE:

ANALYTICAL INSTRUMENTATION & MAINTENANCE SYSTEMS, ABU DHABI, UAE o

Field Service Engineer (Deployed at **Borouge Site, ADNOC, Ruwais**) – **May 2022 till date.**

- Monitoring the overall plant performance especially with respect to corrosion control, reboiler health & fouling control during column operations.
- Monitoring of performance improvement chemicals such as Neutralizers, corrosion inhibitors, polymer inhibitors etc.
- Daily site activities such as sampling, lab analysis, dosage recommendations and troubleshooting activities.

ERAM MANPOWER SERVICES, ABU DHABI, UAE o

Mechanical technician (Deployed at **Borouge Site(shutdown), ADNOC**) – **JAN 2022 till MAR 2022.**

- Involved in Pre commissioning, commissioning and maintenance activities of Pumps, compressors.
- Checking the alignments, vibrations, temp level of the rotary equipment's
- Involved maintenance activities of fixed, floating head type and U type bundle heat exchangers.
- Hydro testing of shell test, tube test and doom test.
- Tube plugging and replacement, Hydro testing.

EDUCATIONAL QUALIFICATION:

- (B. Tech) in **Petroleum Engineering** with **75%** from VELS University, Chennai, Tamil Nadu, (from 2017 to Jun 2021),
- **87.5 % in Higher secondary school** from Shanthinikethan Matriculation Higher Secondary School Sembakkam, Chennai.

PERSONAL DETAILS:

Name (as in Passport): Mohamed Zainuddin Naravar Mohamed Yousuf Ali

Date of birth: 18th April 2000

Nationality: Indian

Languages: English, Tamil, Hindi

Passport ID: U2686533