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FALCON ID # 32786

Hse / Chemist

Residential Country : India Nationality : India
Resume Title : Shift Chemist Notice Period : 1 Days

EDUCATION

Qualification	Institute / College /university	Year	Country
M.sc.		0000	Not Mention

CAREER SUMMARY

Position	Employer	Country	From Month/ Year	To Month/ Year
Shift Chemist	Mud Services		06/2013	09/2014
Microbiology Lab	Regional Geoscience Laboratory		07/2001	06/2013

ADDITIONAL CERTIFICATE AND TECHNICAL QUALIFICATION

Name Of The Course	Course Date	Valid Upto	Name Of Organisation
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Current Salary (Monthly In Usd): Not Mention Expected Salary (Monthly In Usd): Not Mention

Additional Skills :

Work Assignments/ Experience:

1. ERBC-Sibsagar (April 1983 – July 1988)

Worked as Shift Chemist in oil fields of Assam at CTF Lakwa , GGS-II Rudrasagar for quality evaluation / demulsification of the crude oil before transfer to Moran(up to Nov. 1984). After that at Drill sites in Geleki field for drilling of Exploratory and Development wells by preparing and maintaining the parameters of water base muds.

2. P&E – DBG , Tel Bhawan , Dehra Dun (August 1988 – June 1991)

Planning, procurement , evaluation and monitoring of various speciality Drilling fluid additives/chemicals required for cost optimization and smooth drilling operation in ONGC.

3. IDT, DehraDun (June 1991- May 2000)

- R&D activities for different drilling fluid systems , drilling fluid additives and testing of different mud additives for Quality Assurance / Monitoring and related Chemical Back up services for drilling operation of ONGC.
- R&D studies to develop new resources and formulation of their Specifications e.g Polymeric HT Deflocculant, Potassium Lignite, Pregelatinised starch, Chrome Free Deflocculant and PHPA for HT applications.
- Identified Haematite Gd.II as a strategic substitute for Barytes, framed specification and actively participated in its Field Trial in KG project during drilling operation.
- Identified and designed specification of Polyacrylic based Deflocculant as economic , effective thinner for oil well drilling in Onshore field.
- Formulation of PHPA mud system for field implementation.
- The IIIrd edition of “Manual of Oil Field Chemicals Specification”of ONGC was compiled, edited, and was issued.
- For reviewing the specification of CMC and Sulphonated Asphalt , exhaustive R&D studies were carried out.
- I have been a faculty member for various drilling fluid courses conducted in IDT and ONGC Academy for Graduate Trainees and ONGC executives.

4. DBG (Chem.) - MR , Mumbai (May 2000 – July 2001)

- Duties in On/Off pattern at Mumbai Offshore Drilling rigs i.e. Sagar Pragati , Trident –II and Kedar Nath.
- Prepared / maintained required drilling fluid (Water base mud e.g. CMC- CLS, Low solid polymer , PHPA polymer , clay free non damaging systems). Maintained the mud parameters so as to combat various problems successfully, resulting in smooth drilling of a stable hole.

5. Regional Geoscience Laboratory, Panvel (July 2001 – June 2013)

Microbiology Lab : Quality evaluation/ monitoring of Bactericides used in Water Injection systems.

Oil Lab:

- Evaluation of Oil and Gas Processing chemicals.
- Characterization of Crude oils, sludge/pigging samples.
- Studies for Flow assurance of the Crude Oil.
- Diagnostic studies & providing solution for field problems.
- Special Studies.

Environment Lab Noise level monitoring .Effluent of Uran & air samples were analysed , disposal of hazardous waste, arranged mock fire drill & other HSE related jobs.

Framing/ reviewing of specifications and Test procedures:

- R&D studies for Framing of tentative specification of Methanol (Commercial grade). Specification were formulated. Hazira, Uran plant and MH Asset procuring the material as per specification.
- Studies for framing the specification of Wax Dissolver, Accelerated Amine Mixture and Electro Cleaner. Finalized the specifications of Wax Dissolver and Accelerated Amine Mixture. Being procured as per specifications.
- Studies on various samples of Low Temperature Demulsifiers at ICP process platform at various temperatures and Doses for framing Tentative specification . Framed tentative specification and Test procedure. Being procured and qualified in Field Trial.

- Proposal initiated for Review of Specification of PPD . Revised / modified specification of PPD for Mumbai Offshore.
- Compiled / Finalized Testing procedures for 24 LPG chemicals.

6. Mud Services, Mumbai (June 2013 – Sept.2014.)

- Preparation and maintenance of mud parameters of Water base and SOBM as required for trouble free /smooth drilling and related operations at wells drilled by P-16 and DS Fortune offshore rigs.
- Operational management of mud plant (for SOBM) at Nhava .SOBM prepared at Mud plant and Base oil were despatched to offshore Rigs via vessels for drilling of wells.

I have developed expertise in oil well drilling as shift chemist (Onshore and Offshore) and worked with conventional, KOH-K Lignite & KCl-PHPA- XC polymer , Glycol , Polyamine glycol , Non Damaging Drilling Fluid mud and SOBM systems for facilitating smooth drilling.

Additional Information :

M.Sc.(Chem.) Phd.(Chem.)