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FALCON ID # 21854

Oilfield Services / Senior Process /process Engineer

Residential Country : India Nationality : India
Resume Title : Senior Process Engineer Notice Period : 30 Days

EDUCATION

Qualification	Institute / College /university	Year	Country
B E / B Tech	Nirma University	2007	India

CAREER SUMMARY

Position	Employer	Country	From Month/ Year	To Month/ Year
Sr. Process Engineer	Reputed Company	India	09/2012	05/2015
Assistant Manager	Essar Oil Ltd.	India	10/2007	08/2012

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): 2700 Expected Salary (Monthly In Usd): Not Mention

Additional Skills :

Job Role

Worked as a Field, Panel (DCS), Process & Design engineer in Oil & Gas refinery on various aspects of process engineering for the key units in Oil and gas processing facilities.

Tracked the plant technical performance like product yields, quality specifications, operating conditions, equipment performance & economics for NHT/CCR Unit.

Performance checking of Reactor WABT, Reactor DP, Catalyst life, Strippers and Stabilizer columns, heaters, exchanges train etc. Planning of different test run for process change, MOC and troubleshooting.

Introduced modifications in:

NHT & CCR for BS III- IV light naphtha & reformat production as per isomerisation unit & Market demand.

Simulated Splitter column to review process design for BS III- IV Lt. Naphtha/Reformat Specs. stopping of air compressor and routed Instrument air into regeneration section and utilities same compressor for plant air generation.

Routed Sweet Hy. Naphtha in to splitter in case of up-stream unit disturbance, sustain CCR unit with minimum throughput.

Close coordination with Operation, Economic-Planning-Scheduling & Engineering disciplines (Mechanical, Electrical, Instrument, Project control, Rotary and Inspection etc.) for process improvement and modification.

Pivotal in managing various emergencies like Power Failure, Utility Failure, Re-boiler Failure, Recycle Gas Compressor

Failure, Rich Gas Compressor Failure, Regeneration Gas Compressor Failure, etc.

Preparation of new process schemes for modification in existing facility.

Drafted various SOPs for unit start up, stabilization, emergency shutdown, catalyst loading/unloading.

Preparation of Energy and Material Balance on daily and monthly basis for NHT & CCR unit for Monitoring and improvement.

Adequacy check of the existing facilities; Lines, Relief Systems, Flare Load, Pumps, Vessels and ensuring the safety aspects of the system with modifications, wherever required.

Preparation of Equipment Process datasheets (Pumps, Exchangers, Columns, Vessels), Process Description and Process

Control Philosophy, Alarm and Trip Summary, Process Safety Data.

Prepare daily & monthly performance summaries/reports which includes product test results, important plant parameters, asset integrity & performance, chemical consumption etc. by trends and graphical representation.

Credited for successfully:

Completing Coil Replacement Job of CCR charge heaters.

NHT Feed Charge Heater Decoking.

Commissioning and implementing NEW YOKOGAWA ESD System (SAT-Site Acceptance Test).

Identify technical operating problems & troubleshoot the same by proposing & addressing management of change (MOC) with necessary ideas.

Inspected various equipment during refinery Major Turnaround like Splitter & Stripper Column, Furnaces, Phase Separator and Heat Exchanger.

Additional Information :

PROFESSIONAL CHRONOLOGY

Technically competent professional with rich experience of Process Engineering and technical services in oil & gas (refining) industry.

Planning activities, working out various requirements & monitoring overall unit performance, Operations for remote monitoring, Products specifications requirements and Unit Optimization.

Executing basic operations and troubleshooting of equipment and establishing the quality product through continuous improvements with the help of cross functional teams.

Establishing Progress Reporting System for Unit performance review progress trend, identifying critical activities and reporting areas of concern, preparing Performance Status and Testrun reports.

Preparing the basic engineering package for PFD'S, PID's, Line Sizing, Pump Head Calculation & Utility Flow Diagram for the projects.

Basic experience of feasibility check, designing, de-bottlenecking, troubleshooting/monitoring of process units (NHT & CCR), Test runs & HAZOP studies for plant for in house process modifications as a representative of Technical services.

Performing process related investigations including RCA to problems, evaluate conceptual alternatives and propose a best solution.

Implementing process design safety measures like HAZOP & PHA.

Hands On experience on Various engineering software packages like Aspen Hysys, Aspen Plus, Flarenet, PPM and HTRI.

Reviewing output of conceptual design into feasibility studies, functional applications, and basis of design for production and processing facilities of Refinery project.

In depth knowledge of complex integration between different refinery process units.