



Curt Lawrence
Senior Consultant

Summary of Qualifications

A professional with 37 years of Refinery experience, Curt has extensive knowledge of the HF Alkylation Process and functional expertise in various aspects of project work and operations support. He is able to apply his technical skills to support a multitude of activities through all phases of a project including commissioning and startup, troubleshooting, turnaround services, and day-to-day operations.

Career Experience

2017 to present

HF Alkylation Consultants –
Senior Consultant

Oversee all areas of consulting engagements which include:

- Full API 751 Audits with existing protocol & best practice (RP 751).
- Safety and unit operability reviews
- SU & SD Support
- Pre-Turnaround Chemical Cleaning
- Turnaround preparation & support
- Procedural review
- Troubleshooting

2015 to 2017

XOM – Refinery Operations Support Manager

- Troubleshooting various issues throughout the Refinery
- Lead incident investigations
- Performed numerous audits throughout the Refinery
- Corporate team member that developed the new OPE (Opening process equipment) procedure
- Localized the procedure for the Torrance Refinery and began implementation

1997 to 2015

Mobil / XOM –

Process 2nd of the Alkylation/FCC/Utilities/Crude Units

- Lead for all aspects of Safety/Reliability/Budget of those Units
- Lead for the implementation of new MHF Unit
- Received Patent for water removal in MHF Unit

- Developed several procedures including: Safety, MFH handling policy document, SD/SU, Emergency, Chemical Clean, & Unit Standards
- Lead for SD/SU/Chemical Cleans
- One of the leads on the Refinery Reliability Team
- Refinery lead of the XOM HF Network – Conducted several audits for the XOM circuit including API-751's, SD/SU/chemical cleans and overall troubleshooting
- Refinery lead on the XOM circuit 751 rewrite input
- Refinery lead of the XOM SD/SU network
- Process lead on GRS (Maintenance system) initiative

1990 to 1997

Mobil – Front Line Supervisor / Console Supervisor

- Worked both Utilities/Alkylation consoles
- Outside supervisor of the Alkylation/Crude/FCC/Coker areas
- Night time lead of several Alkylation TA's

1980 to 1990

Mobil – Operator

- Worked several different posts including FCC/Utilities/Alkylation
- Head Operator of the Alkylation Unit for 4 years