



Summary of Qualifications

Combining experience as the former Alkylation Technology Sponsor at ExxonMobil and Alkylation Lead at BP Oil for the past 38 years, Jeff has gained unique experience and expertise in the HF Alkylation industry and refinery operations.

Career Experience

2017 to present

HF Alkylation Consultants – Senior Consultant

Supporting HF Alky units with the following key services:

- API RP-751 Audits.
- Safety and unit operability reviews.
- Project scoping.
- Unit site-specific training.
- HF Alky Technical Services, including:
 - Process Troubleshooting and optimization
 - Procedure Reviews
 - SU & SD support
 - Pre-turnaround chemical cleaning
 - Turnaround preparation and support
 - Equipment and Inspection strategy
 - Process design
 - HAZOP review

1998 to 2017

ExxonMobil – Alkylation Technology Sponsor

Managed corporation alkylation technology (HF and H₂SO₄) portfolio:

- Determined site's levels through HAZOPs, QRA's and site assessments
- Lead corporate and JV API 751 assessments
- Designed Safety/Mitigation enhancements - WaterWall, Detection, Isolation, Surveillance
- Implemented new technology at sites- SOFT, Analyzers, Tower internal, Process configurations
- Corporate alkylation training
- Technology advocacy

- Core member of API 751 committee, participated in all revisions
- Other work included:
 - Refinery Mercury
 - Risk Assessments Recruiting
 - R&D
 - Engineer mentoring,
 - Work process owner
 - Network Facilitation

1979 to 1998

BP Oil – Senior Engineer / Operations Lead

Key highlights include:

- Alkylation Lead:
 - Process support and design
 - Risk analysis
 - Process design
 - Turnaround Support
- FCCU, Hydrotreating, Distillation, Sulfur Recovery engineering support
- Operations Lead:
 - Alkylation
 - FCCU
 - Crude
 - Kerosene
 - Diesel Hydrotreaters

Penn State University

BS – Chemical Engineering