

# Alkylation Technology

Consultant / Trainer

**Rick Rhead**



The **Petrogenium. Alkylation Technology** course will guide the participants to develop key concepts on overview of design and operating parameters of Alkylation technology. This training provides an understanding of Alkylation process, different technologies and operating and safety concerns.



### Participants

This **Petrogenium.** course aims at improving competencies of process engineers, operators, inspection and corrosion engineers in terms of understanding the process and operational issues faced by complex refineries. It is also possible to benefit from an exclusive technical services arrangement from Petrogenium after the training. Participants can be from diverse spectrum of both young and experienced engineers. The training can also be structured to address specific issues faced by a particular refinery / operating unit.



### Learning Objectives

Understanding of Alkylation Technology:

- Types of Alkylation technology processes
- Feedstock Preparation
- Operating Parameters
- Process Safety
- Performance monitoring
- Best Practices

# Programme

## DAY 1 Morning

### Introduction

- Alkylation Technology
- HF Alkylation
- HF Alkylation Reactor Section
- HF Acid suppliers/manufacturers
- Fractionation
- Product Treatment
- Waste treatment/Neutralization Section
- Safety
- Product Treatment
- Waste Treatment / Neutralization Section
- Safety

## DAY 1 Afternoon

- Sulfuric Acid Alkylation
- Sulfuric Acid Alkylation Reactor Section
- Fractionation
- Product Treatment
- Better Technology
- Other Alkylation Technologies
- Ionic Alkylation (IsoAlky)
- Other Alkylation Technologies
- Ionic Alkylation (IsoAlky)
- IsoAlky pretreatment section
- IsoAlky reactor section
- IsoAlky Regeneration section
- IsoAlky Fractionation
- IsoAlky Produce treating
- IsoAlky Operating Conditions
- Safety
- IsoAlky comparison to Sulfuric Acid & HF Acid
- Summar

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## Why select Petrogenium.?

The above support will be provided by principal consultants with 30+ years world-class experience in the technology and hands-on know-how from operation of refinery units.

## Contact Petrogenium.:

Email: [training@petrogenium.com](mailto:training@petrogenium.com)

Website: <https://www.petrogenium.com/training/>

***Because Experience Matters***