



HOSTED BY



Under the Patronage of
H.E. Dr. Mohammad Abdulatif Al Fares
Deputy Prime Minister, Minister of Oil &
Minister of State for Council of Ministers Affairs
State of Kuwait

WORKSHOP 6

Basic Principals of Acid Gas Treatment and Sulfur Recovery Units

21 - 22 September 2022 | The Regency Hotel, State of Kuwait



**Two Days
Workshop**

CONDUCTED BY



MANAGED BY



WORKSHOP DESCRIPTION

Basic understanding of Acid Gas Treatment and sulfur Recovery Units

WORKSHOP OBJECTIVES

The main objective of this course is to provide basic understanding of the acid gas processing through bulk acid gas removal, followed by selective removal of the hydrogen sulfide and the associated Sulphur recovery production. The course will demonstrate basic design parameters involved in the acid gas removal and Sulphur recovery units. In addition to that, the course will provide basic understanding of the process start up, shutdown and troubleshooting.

POTENTIAL PARTICIPANTS

This course is suitable for all engineers dealing design and operation of oil and gas facilities. It is also valuable to individual looking to change gas supply to debottleneck existing assets or build new.

WORKSHOP CERTIFICATE

Gas Processors Association – GCC certificate will be issued to all attendees.

WORKSHOP FEES

For member companies - USD 1200

For non-member companies - USD 1400



WORKSHOP PROGRAM

Basic Principals of Acid Gas Treatment and Sulfur Recovery Units

Day 1

21st September 2022 - BASF

- » AGR Process Overview
- » Acid Gas Absorption Chemistry
- » Amines Handling and Safety Data Sheet
- » Amines used in Gas Treating and sulfur recovery units
- » BASF/Exxon Gas Treating Products
- » Solvent selection/comparison
- » Solvent Degradation/Solution Strength/Sampling
- » How to Interpret a Solvent Analysis
- » Contaminants
- » Effect of Variations in Operating Parameters
- » Foaming countermeasures
- » Plant startup and shutdown

Day 2

22nd September 2022 - Worley Comprimo

- » Claus Sulfur Recovery Unit (SRU) Overview
- » Claus Chemistry
- » Process Control
- » SRU Equipment
- » Sulfur Degassing
- » Thermal Oxidation
- » Plant Operation
- » Sulfur Recovery & Emissions
- » Tail Gas Treating Processes
- » Amine Options in Tail Gas Treating
- » Oxygen Enrichment
- » Integrated CO₂ Capture & Hydrogen Recovery



INSTRUCTORS

BASF:



Dr. Sergey Vorobyev
Senior Process Manager



Ahraf Abu Faris
Sr. Technology Manager

Worley Comprimo:



Steve Pollitt
Business Development
Director



Travlos Dimitri
Technology Specialist

For more information, Please contact:

Yaser Al-Qashar

Corporate Communication Executive Officer
GPA-GCC Chapter
P.O. Box 25094, Awali, Kingdom of Bahrain
T: +973 17752310-17752403, F: +973 17 008946
☎ +973 3966 9553
@ yaser.alqashar@banagas.com.bh
@ reem.alharbi@banagas.com.bh

iCONEX

Kapil Pal

Project Manager
☎ +973 3395 1555
@ kapil@iconex.in

FOLLOW US AT
GPA GCC CHAPTER:

