

Improve the performance of **Acid Gas Removal Units** with Rental and Retrofit Filtration Services

See us at **EGYPS**
Egypt Petroleum
Show
11-13 February 2019
Booth #2D75 -
Hall 2

Pall Presentation
Day 3

Wednesday
13 February

Room 2

15:30 - 17:00

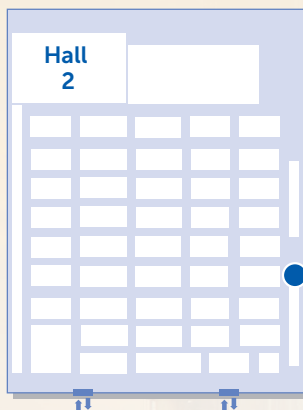
Session 32



Gas Processing
Technology and
Operations (GPTO)

Session 32, Category: GPTO
Acid gas treatment and sulphur recovery

We look forward to welcoming visitors at **Pall booth #2D75 - Hall 2** to introduce how plants can benefit from Pall filtration technologies and services to enhance their reliability and availability.



Pall will also give a presentation at the Technical Conference titled: *Improve the performance of Acid Gas Removal Units with Rental and Retrofit Filtration Services** **15:30 - 17:00 on Day 3, session 32**

*See Abstract on next page

Improve the performance of **Acid Gas Removal Units** with Rental and Retrofit Filtration Services

Abstract:

Acid Gas Removal Units are sensitive to fluid contamination. Liquid hydrocarbons and solid particles are well-known foaming promoters and it is crucial to eliminate them efficiently and consistently to avoid operational issues, which commonly include foaming incidents, solvent carry-over, excessive use of anti-foam chemicals, drop in capacity, and result in loss of revenue. Normal design practice for Amine plants incorporate a feed gas separator and a solvent particle filter. Field experience shows however, that those equipment often do not meet the separation expectations. As a result, liquid hydrocarbon and solids ingress with the feed gas and excessive solid in the solvent loop are being experienced by plant operators.

Strategies exist to enhance fluid cleanliness, without having to invest in new filtration / separation equipment to replace the faulty one. Rental and Retrofit Filtration Services are quick, efficient and cost-effective solutions to improve the performance of the Amine plant with no Capex requirements.

Rental Filtration Services use mobile filtration units, that are connected to the loop to clean-up the solvent from solids or hydrocarbons to meet and maintain cleanliness requirements. They are attractive options for rapid problem resolution.

Retrofit Filtration Services consist in upgrading existing filtration / separation equipment, by replacing or modifying internals with more efficient cartridges. They enable equipment upgrade at minimum cost.

The presentation will describe the test methodologies used in the field and in the lab to identify fluid contaminants in Amine plants. Then the above mentioned strategies and the equipment involved will be introduced. Finally case studies based on Middle East and Europe gas plants experience will be presented, for solvent loop clean-up, feed gas cartridge coalescer retrofit, solvent cartridge filter retrofit.

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EVERYDAY.