

Gas Plant Project, Oman



About the Project



Project Name

Gas Plant Project



Manhours

50,000 + safe
Manhours



Scope of Service

Pre commissioning
activities for Extraction
& Fraction Area, Storage
area and Jetty of a gas
plant in Oman.



Date

September 2019 –
July 2020

Introduction

This was project for a major gas plant in Oman. Trans Asia supported the client in Pre commissioning activities for Extraction & Fraction Area, Storage area and Jetty. Activities performed were:

1. Nitrogen and Helium Leak Testing
2. Chemical Cleaning
3. Lube Oil Flushing
4. Retro Jetting
5. Catalyst Loading
6. Pipeline Pigging



Challenges and Achievements

Leak Test:

Managed to mobilize resources in a short notice and assist client to achieve their first milestone of the project in the stipulated time.

During the pandemic at peak, Trans Asia managed to bring resources without delay to complete the test packs within scheduled time.

To reduce the project cost and delay of client, Trans Asia did walkthrough with construction team to identify the punches which will cause downtime during the testing.



Chemical cleaning:

Performed the chemical cleaning of hot oil system pipelines which covers the complete plant, in a single loop to avoid the shifting of equipment and the cleaning time.



Pigging:

Cleaned the 7 pipelines (approx. 5 km) with pig. Even though the pipeline were not designed for pigging activities main contractor of the project was uncertain of cleaning with pig, the team of experts at Trans Asia completed the cleaning and drying safely and effectively. This successful completion was highly appreciated by both, the main contractor and client.

