

# Refinery Expansion Project, UAE



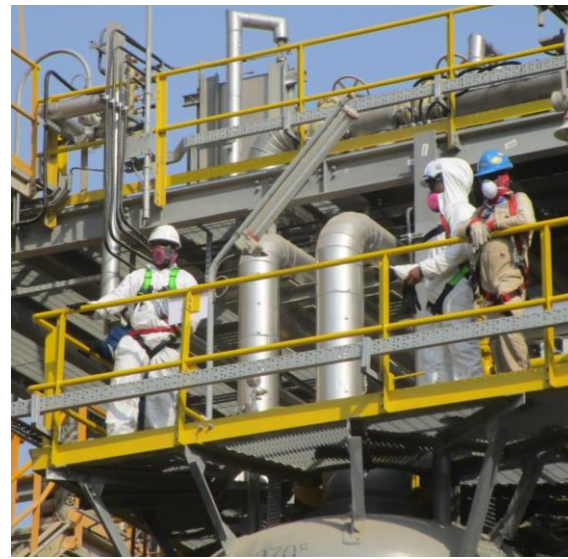
## About the Project



### Project Name

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Refinery Expansion Project



### Manhours

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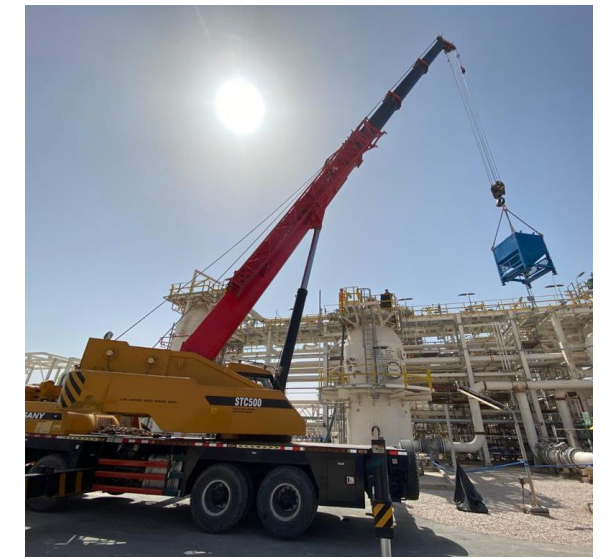
47,000 + safe Manhours



### Scope of Service

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Pre commissioning activities for Centrifugal and Reciprocating Compressors, Gas turbo generators and Amine re-generation systems



### Date

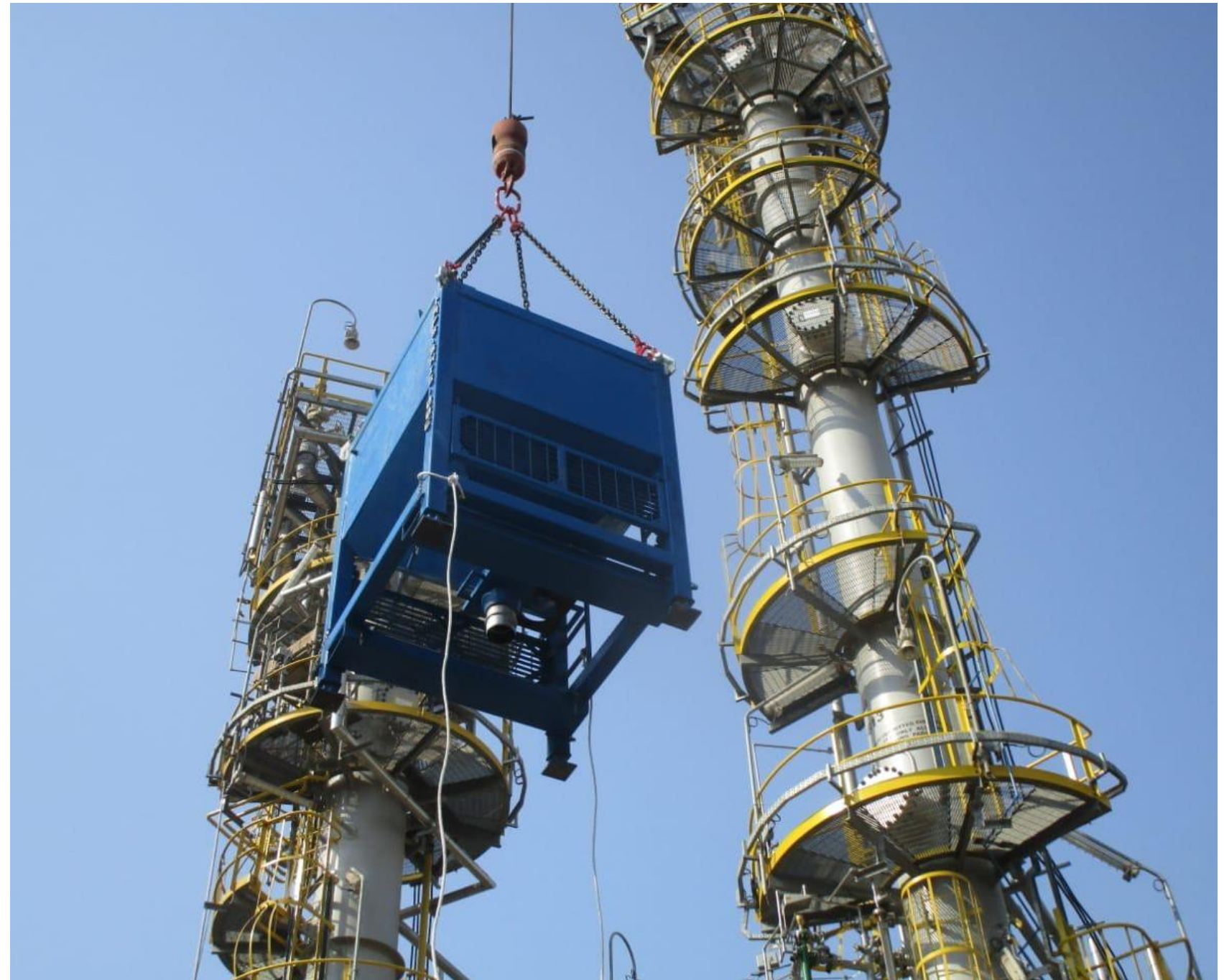
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January 2019 – August 2019

## Introduction

Trans Asia successfully completed Pre commissioning activities for Centrifugal and Reciprocating Compressors, Gas turbo generators and Amine re-generation systems for refinery expansion project In UAE, which included activities like

1. Chemical Cleaning
2. Lube Oil Flushing,
3. Retro Jetting,
4. Catalyst Loading,
5. Nitrogen Purging,
6. Cooling Water Passivation



## Challenges and Achievements

- The client was looking for a proficient team to support them in performing the lube oil flushing activities, in given limited time. Trans Asia suggested and provided them with additional resources in terms of multiple equipment and manpower spreads to work parallelly on differing systems at a time. This collaborative effort led to completing the task as planned.
- There was an issue of preservation and commissioning for heat exchangers in Lube Oil systems of compressor units. Trans Asia provided special assistance to dis-assemble the exchangers and clean them using retro-jetting technique. This solution was valued and, the lube oil system commissioned successfully.
- During Amine system degreasing/chemical cleaning, looping the system lines was one of the biggest challenge. Trans Asia decided to keep all equipment, vessels, and piping in a single loop for doing degreasing process. This solution as time saving and the complete system was pre-commissioned efficiently.

