

OPERATIONS EXCELLENCE PROGRAM

WHERE?

Petrochemical facility in Jubail, KSA

WHY?

Challenges Addressed

- Asset utilization and Energy

Objective

- Capacity and Quality Improvement

Engagement

- Operational performance improvement

RESULT

Benefits Realized

Identification of bottlenecks for sustained 100% utilization

Sustainability - Plant maintained at best operational condition all the time

All bottlenecks mitigated to maintain plant at 100%

2011-2019 saving > \$75 Million

SOLUTION AND EXPERT SERVICES DEPLOYED

- Continuous analysis of big data and utilization of Digital Twin models (Fundamental models and Machine Learning/AI models).
- Development and Utilization of models by a remote Analytics cell, including domain, process engineers and fundamental computational & Data Science specialists

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