

Staatsolie Refinery – Major Shutdown Suriname, South America



Suriname state oil company Staatsolie Maatschappij undertook a major maintenance operation at its Tout Lui Faut Refinery, located 20 km south of Paramaribo in February 2020. This was the refinery's first shutdown since it started production in 2015 and the biggest of its scale in Suriname.

EnerMech mobilized a local and international crew to deliver multiple inspection and industrial cleaning scopes during the shutdown

Client: Staatsolie Refinery

Year: 2020

Product/Service:
Refinery Shutdown

Scope of work

- Mobilize 10 x UHP water jetting equipment, internal and external bundle cleaning – Rigid and Flexi Lance Eq for Tube and Fin Fan Cleaning Automated – 3D nozzles for vessel and columns.
- All major units were taken out of operation, cleaned and checked for defects in order to guarantee the reliability and safe operation of the refinery on start-up, including:
 - 52 Heat Exchanges
 - 33 air coolers
 - 40 vessels
 - 11 columns

Project Delivery

- Mobilization of local and international crew and equipment to remote location completed in a timely manner.
- Multi-skilled personnel working 24/7 across various scopes to minimize delays.
- All Industrial units cleaned and inspection completed to the clients satisfaction.
- Client satisfied with quality of work and HSE performance.
- Work was completed ahead of schedule.

Key Benefits

- Competed project ahead of schedule. Quality of work and HSE performance met client standards.
- EnerMech's team of quality control and assurance personnel ensured that the expedited schedules were met and often times exceed to ensure minimal downtime.