

YIBAL KHUFF PROJECT PRE-COMMISSIONING SERVICES



EnerMech delivered mechanical pre-commissioning services for PDO's Yibal Khuff project. The scope involved pre-commissioning a new integrated oil and gas facility whilst overcoming challenges, improving efficiencies and driving the schedule forward.

Client: SNC Lavalin, PDO

Year: 2020

**Product/Service:
Process, Industrial and Valves**

Scope of work

EnerMech were contracted by SNC Lavalin to deliver pre-commissioning scopes on a new integrated oil and gas facility in Oman. The scope included chemical cleaning, amine degreasing, boiler boil-outs and steam blowing.

Many thanks for the great work and the efforts made by the team during this difficult time. This is one of the critical milestones to achieve the completion and looking forward for your continued support to ensure we meeting steam blowing as per schedule.
Thank you all

Project delivery Manager, PDO

Project Delivery

Whilst facing significant project delivery challenges such as restricted movement within Oman due to COVID-19, a strained supply chain and harsh summer conditions the team were still able to surpass customer expectations and deliver on schedule. This was in part due to extensive planning which allowed the team to complete the chemical cleaning scope on time.

By overcoming limited flange connections and long distances EnerMech were able to chemically clean the system negating the need for steam blowing and enabling PDO to put the system in to service in 2 days rather than the estimated 6-8 weeks if steam blowing was required.

Key Benefits

6-8 Weeks Time Saving

Completing the initial chemical cleaning scope saved PDO 6-8 weeks of time during the steam blowing phase of the project.

Since steam blowing is typically one of the last commissioning activities, this could potentially improve PDO's first oil date and result in additional production.

Despite limited access to flanged connections on the system the team were able to engineer the equipment set up to ensure the required operating parameters were achieved for chemical cleaning.

To reduce water, chemical and waste generation the team used a single fill chemical cleaning process.