

CASE STUDY: LIFTING SOLUTIONS

PRECISION LIFTING FOR CRITICAL EQUIPMENT REMOVAL

Delivering engineered rigging and lifting services to support time-sensitive refurbishment at Dow Silicones.



CLIENT

Dow Silicones

YEAR

2020

BUSINESS LINE

Lifting Solutions

The Challenge

Dow Silicones required the safe removal of a CTM mixer and associated components from an operational area for offsite refurbishment by the OEM.

The equipment, weighing up to 5 tonnes, had to be extracted and loaded for transport within a tight outage window.

The challenge involved coordinating lift planning, risk assessments, and execution in a live plant environment - without disrupting ongoing operations or compromising safety.

The Solution

We then provided full engineering support, including lift planning, risk assessments, and method statements.

The team supplied specialist lifting equipment and experienced personnel to carry out the removal and loading of the CTM mixer and ancillary components.

Working closely with Dow Silicones' in-house rigging team, EnerMech ensured seamless integration and execution.

From the initial site review to the final survey, the project was managed collaboratively and delivered on time and on budget. Following the successful removal, EnerMech was awarded the reinstall scope post-refurbishment.

The Outcome

EnerMech enabled Dow Silicones to meet its critical plant outage schedule by safely and efficiently removing the CTM mixer for OEM refurbishment.

The project was delivered without incident, within the required timeframe, and with full client satisfaction.

EnerMech's collaborative approach and technical expertise ensured a smooth operation and laid the groundwork for continued support during reinstallation.

We Delivered...

- Engineering support for lift planning, risk assessments, and method statements
- Supply of specialist lifting equipment and rigging personnel
- Safe removal and transport loading of CTM mixer and components
- On-time, on-budget delivery with no safety incidents
- Reinstall scope awarded following successful execution

On-Time Execution

Project delivered within a tight outage window, enabling timely refurbishment.

Collaborative Delivery

Worked alongside client's rigging team to ensure safe, efficient removal and transport.