

# TURBINE TRANSPORTATION & EXPORT



**Location**

Yangon, My.

**Weight**

Gas turbine unit      13 Tonnes

**Equipment Used**

- 50t Mobile crane
- Surelift spreader beam
- Air Ride trailer
- Flat-Rack container
- Lashing equipment
- Soft slings
- Shackles

**CEA Special Projects Team**

Lashing & rigging teams

**Other Services Provided**

- Third party cargo certification
- Insurance coverage
- Ocean Freight arrangements
- Coordination with customs in Japan
- Deliveries in Japan on Air Rides

**SCOPE**

CEA Project Logistics Myanmar recently carried out operations for the transportation and export of a Gas turbine unit from a power plant in Yangon. The 13-tonne turbine unit was being shipped to Japan to undergo repairs and refurbishment.

Due to the sensitivity of the instrumentation contained within the turbine unit, a three-axle air suspension trailer was used to minimise any vibration to the equipment while being transported. During the lifting procedure, CEA used a specifically designed and certified Surelift modular spreader beam provided by sister company CEA Engineering.



A 50 TONNE MOBILE CRANE WITH SURELIFT SPREADER BEAM LIFTS THE TURBINE UNIT

A 50 Tonne Mobile Crane lifted the turbine unit onto the awaiting flat-rack container. A CEA special projects team manoeuvred the unit into position and secured it onto the flat-rack ready for transportation. Before leaving for port, an inspection by a third party sea freight warranty surveyor was carried out to approve and certify the cargo for international shipping. CEA provided a one-stop service for export documentation, loading, lashing and shipping to the turbines final destination in Japan.



PRE-START SAFETY TOOLBOX TALK



CEA PROJECT TEAMS BEGIN THE LIFT



TURBINE UNIT LIFTED AND MANOEUVRED INTO PLACE BY THE CEA PROJECT TEAM



FLAT-RACK PREPARED FOR TURBINE UNIT



TURBINE UNIT SECURED ON FLAT RACK



TURBINE UNIT LEAVING THE FACILITY



TURBINE UNIT LIFTED ONTO THE FLAT-RACK



ARRIVAL IN JAPAN



TURBINE UNDER REPAIR IN JAPAN

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