

# TECHNICAL INSTALLATION



## Location

Chachoengsao, Th.

## Duration

3 Days

## Dimensions (m)

Evaporator	L23.6xW2.6xH2.8
Distillation	L16xW1.4xH2.4
Separator	L9.5xW2.6xH2.9
Pillar Fan	L4.3xW3xH3.2

## Weight

Evaporator	28 T
Distillation	4 T
Separator	6.5 T
Pillar Fan	8.5 T

**Total Tonnage** 47 T

## SCOPE

CEA Project Logistics completed a potentially difficult and technical installation for a well-known drinks manufacturer in Chachoengsao, Thailand. CEA provided Transportation, Lifting and the Installation of several parts of distillation columns, evaporators, separators and fans.

All parts were discharged through the night at Laem Chabang Port and loaded on to several trailers. Due to its size and weight the Evaporator Chamber was loaded on to a multi-axle hydraulic trailer. The parts were transported and unloaded at the factory's lay down area. After a site inspection two mobile cranes were moved into their positions.

The Evaporator Chamber was lifted by both cranes until the chamber was vertical then the smaller crane was unhooked while the larger 500 T crane continued the lift into the facility. CEA teams ensured the safe lowering of the evaporator through the facility.



EVAPORATOR CHAMBER TRANSPORTATION



DISTILLATION CHAMBER TRANSPORTATION



CEA ON-SITE TOOLBOX TALK



TWO CRANES LIFT THE EVAPORATOR



SEPARATOR BEING READIED FOR LIFT

The 16 metre distillation chamber was installed using the same lift technique as the Evaporator, CEA teams once again were located on several floors ensuring a safe installation and aligning it to the previously installed Evaporator. Smaller parts were unloaded and assembled at the installation site and lifted into the facility. All aspects of the project were completed in a timely and efficient manner and within budget.



SEPARATOR LOWERED INTO POSITION



THE W100 28 TONNE EVAPORATOR CHAMBER IS CAREFULLY LOWERED INTO THE FACILITY



CHAMBER LOWERED THROUGH EACH FLOOR



ALIGNING THE CHAMBER TO ITS BASE



SMALLER PARTS LOWERED INTO POSITION



BOTH MAIN CHAMBERS ALIGNED INSIDE

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