

TECHNICAL LIFTING



Location

Laem Chabang Port, Thailand

Duration

2 Days

Number of carriages

6

Destination

BTS HQ Bangkok

SCOPE

CEA Project Logistics were required to perform a technical lift and the loading of six BTS train carriages that were to be transported to the BTS headquarters in Bangkok.

PROCEDURE

Two CEA reach stackers fitted with specialised clamps lifted each carriage from their bogies. Hydraulic multi-axle trailers were moved into position beneath, each carriage was lowered with precision into their respective slots on the trailers. The CEA rigging team secured the carriages in place with ratchet straps and wooden chocks readying the carriages for transportation.

CEA PROVIDED

- Manpower
- Reach stackers (2)
- Rigging equipment
- Wooden chocks
- Hiab crane
- Fork lift (7t)
- Hydraulic trailer



CARRIAGE BEING MOVED INTO POSITION



SPECIALISED LIFTING CLAMPS ATTACHED



CARRIAGES ON THEIR BOGIES



SPECIALY ADAPTED TRAILERS USED



CARRIAGES SECURED WITH RATCHET STRAPS



PRECISION LIFTING POINTS



FINAL CHECKS BEING MADE



READY FOR TRANSPORTATION TO BANGKOK



CARRIAGE LIFTED FROM ITS BOGIE

The Bangkok Mass Transit System, commonly known as the BTS or the Skytrain, is an elevated rapid transit system in Bangkok, Thailand.



BTS CARRIAGE IN SERVICE IN BANGKOK



ALL PARTS OF THE LIFT CLOSELY MONITORED

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