

KASEMPHOL, THAILAND FABRICATION FACILITY



Our fabrication facility in Kasemphol, Thailand is strategically located near the Sattahip Deep Sea Port and specializes in the production of fired heaters, prefabricated storage tanks and modules. Spanning more than 134,000 square meters with nearly 23,000 square meters of covered fabrication areas, the facility has the size and scale to offer turnkey fabrication services.

Yard Statistics

Accomplishments:

Largest Shop Built Sphere - 20 m diameter x 24 m height

Largest Shop Built Tank - 19 m diameter x 18 m height

Largest LNG Tank Fab - 95 m diameter x 37 m height

Largest Heater Fab - 6,531 MT.

Annual Man-Hours: up to 3.2 million hours

Annual Throughput: up to 14,500 MT and 69,000 Diameter Inches

Certification

ISO 90012015 Certified

ASME U Certificate of Authorization for Section VIII Div.1 vessel

ASME U2 Certificate of Authorization for Section VIII Div.2 vessel

ASME S Certificate of Authorization for Section I Power Boilers

National Board Certification of Authorization for ASME U, U2 and S
"BOI" Approved

ISO 9001 Certified

API 936 - Refractory

NACE for Coating Inspections

AWS / CSWIP Weld Inspection Capabilities



MCDERMOTT





Welding Capabilities

SMAW, SAW (Single Wire), FCAW-GS, FCAW-SS, Manual GTA

Heat Treatment Capabilities

Electric Resistance Method for Preheating and Post weld Treatment, Furnace Method for Post weld Heat Treatment.

Area

Total Area: 134,000 m²

Covered Area: 23,000 m²

Facilities

Module Erection / Assembly Area: 29,517 m²

Warehouse: 3,673 m²

Warehouse (AC): 90 m²

Pipe Fab Shop: 5,174 m²

Steel Structure Fab Shop: 38,004 m²

Laydown Area: 53,526 m²

Distance from Assembly area to laydown area:
actually in same area

Office area: 4,016 m²

Distance from pipe shop to assembly yard: 17 km

Distance from steel shop to assembly yard: 17 km

NDT Testing: dedicated radiography enclosures for safe working practices, in-house capability for MT-PT, PMI and hardness testing

Equipment

Welding / Cutting Machine: Various, 2 Python and 4 CNC

Rolling Machine: 8

Preheat / Post weld heat treatment machines:

25 induction heating equipment

Electric resistance equipment and furnace: 1

Grove Crane: 45 MT -1

Gantry Cranes: 15 MT – 2 ; 8 MT - 1

Overhead Cranes: 10 (10 MT – 1 ; 5 MT – 5 ; 15 MT – 4)

Handling Equipment: Trailers, Forklifts and Telehandlers

Other Equipment: Boom Lift, Air Compressors and Air Coolers, Air Receivers, Air Dryers, Vacuum Machines

Quayside for Loadout

Quayside Total Length: 330 meters

Max Loadout Weight to Date: 14,539 MT

From Top of Jetty to Bottom of Sea: 13 meters

Minimum Water Depth: 12.8 meters

Maximum Water Depth: 10.7 meters

Additional Information

Accessibility / Distance to Airport: 10 km from Pattaya Airport (UTP)

Average Annual Temperature: 27 °C – 31 °C

Annual Rainfall Average: 1,270 mm

Free Trade Zone: No

Contact

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