



SINCE 2005

Company Profile

ThermoEx Company Limited

Professional in Design, Manufacturing, and Maintenance Services of Heat Exchanger and Pressure Vessel

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Vision

To be the best manufacturer and repairer of heat exchangers and pressure vessels in Thailand is ThermoEX's commitment.

Mission

ThermoEX designs, manufactures, installs, and repairs heat exchangers and pressure vessels for the petrochemical, refining, power generation, and other industries with consideration

- Work Safety
- Quality according to customer requirements and international standards
- Have ethics in conducting business
- Produce goods or services at reasonable prices
- Participate in individual and community development
- Protect the environment and reduce energy consumption

Company Information

- Established Since 2005
- Total Area 15,000 m²
- FABRICATION AREA SHOP1, 1800 M²
- Area Shop2, 702 m²
- Employee 120 persons



Engineer Services

- Thermal Calculation
- Strength Calculation
- Stress analysis

SOFTWARE	LICENCE NO.
HTRI	00385739194322377
COMPRESS	32112
PVELITE	TEX 22/00718058/HCAS
TANK12	0004901840279
SOLIDWORKS	9000016760633374QWBQN26C 9000024339591960XNHBKGGF



Shop Services

New Fabrication

- Shell & Tube Heat Exchangers
- Air Coolers, Economizer
- Pressure Vessels & Reactors
- Boiler parts & Piping

Repairing Work

- **Re-tube**
- Repair
- Alteration

Field Services

- Modification, Repair & Alteration
- Resistance corrosion welding
- Re-tubing, Plug, Re-Expansion
- Reweld tube to tube sheet
- Installation & Piping

CERTIFICATE

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- ASME U
- ASME U2
- ASME S
- NBBI R
- NBBI NB
- ISO9001
- ISO14001
- ISO45001



Certificate



DRUG-FREE WORKPLACE



GREEN INDUSTRY LEVEL 3



WPS & PQR

- P1 P3 P4 P5A P5B
- P8 P10H
- P34(Copper) P42,P43 (Nickel)
- 15Mo3 15NiCuMoNb5

- Temper Bead Procedure à(P1, P3, P4)
- Overlay Procedure (SS, Duplex, Inconel, Alloy 625)

Machinery



MACHINERY	CAPACITY
CNC Machining Center	Max 2500 x 4500 mm
CNC Lathes	Max 4000 mm
Plasma & Gas Cutting Table	Max 2800 x 12500 mm
Robot for Welding Tube to Tubesheet	Tube OD 8 to 32 mm
Orbital Welding Machine for Tube to Tube-sheet	Tube OD 8 to 32 mm
Orbital Welding Machine for Deep Hole Tube-sheet	Tube OD 25 to 32 mm
Portable Flange Facer	Size 25 to 2000 mm
Column and Boom Welding Machine	High 6 meter
Rolling and Hydro Expanding Machine	
Several Retubing Tools	
SMAW, TIG, FCAW, and SAW welding machine	



Ammonia Storage Tank

Dimension: ID 4572 x L 23165
 Shell/Head: SA516-70 + S5,
 Thk. 40/45 mm.
 Empty Weight: 140,488 kgs.
 Design Pressure: FV/21.2
 Kg/cm² G at 150 Deg. C
 MDMT: -45 Deg. C



Experiences



DEPENTANIZER REBOILER 2100-E3 A,B
 -Tube Sheet SA266-2 OD 2000 x Thk. 375 mm.
 -Holes ID 19.25 x 2764 Holes/Tube Sheet.
 -Tube to Tube Sheet Welding by Automatic
 Orbital Welding Heads.
 -Holes Expanding by Hydraulic (Water) Tube
 Expansion System.



REACTOR

Size: ID 3550 x L 8000
 Shells & Heads: SA537 CL.1
 Empty Weight 33500 kgs.



Customers