GETABEC

Company profile



OUR MILESTONE OF DEVELOPMENT

- **Company founded in the year 1983**
  Location : Samrong, Bangkok
- 1992 Move office to Bangna Tower Building
  Location : Bangna Trad Road, Bangkok
- **1994 Start Steam Boiler Production**
  Location : Bangplee, Bangkok
- 1995 Move office to Prime state office complex
  Location : GTB Building Srinakarin Road, Bangkok
- **2004 Start Water-Tube-Boiler Production for**
  Location : Rayong
- 2007 Opening New office at Prime office complex
  Location : Srinakarin Road, Bangkok

PRODUCTS AND SERVICES

BOILER

- *THREE PASS BOILER*
- *HOT WATER BOILER*
- *WATER TUBE BOILER*
- *BIOMASS/COAL FIRED BOILER*
- *THERMAL OIL HEATER*
- *HEAT RECOVERY STEAM GENERATOR (HRSG)*
- *QUICK STEAM BOILER*

ACCESSORIES

- *DEAERATOR*
- *PRESSURE VESSEL*
- *VESSEL*
- *HEAT EXCHANGER*
- *ECONOMIZER*
- *STACK*
- *PIPING*
- *SEMI ELLIPTICAL HEAD*
- *TUBE PANEL*
- *RAILING*
- *PLATFORM*
- *SWITCHBOARD*
- *SPARE PARTS*

ENGINEERING & SITE CONSTRUCTION

Engineering activities

- *Consulting service*
- *Basic concept*
- *Basic and detail design*
- *Technical studies, diagnostics*
- *Expert supervision*
- *Project documentation elaboration*

Execution activities

- *Engineering*
- *Acquisition budget*
- *Quality assurance*
- *Production planning and control*
- *Erection*
- *Commissioning*
- *Training of personnel*

Service activities

- *Projects for input enhancement and equipment upgrading*
- *Complete retrofits of boiler and other power plant facilities*
- *Repairs of boilers and other plant facilities*
- *Boiler and Burner diagnostics*
- *Maintenance*
- *Deliveries of spare parts*
- *Service contract*

PROJECT MANAGEMENT

- *The project management is responsible for deadlines, meetings and delivery scope and also for the budget of our projects. The focus of its everyday activities lies not only in the communication and coordination of activities inside the company but mainly in the communication with customers and suppliers. A highly professional approach of employees with experiences from domestic and international projects is a guarantee of customers satisfaction.*

- *Our Objective is to provide the most efficient and cleanest integrated steam solutions to our customers for steam boilers and all balance of plants, to energy recovery systems and NO x – reduction technology.*
  In additional, GETABEC provided conventional islands for Steam Generation Plant and Turnkey for Engineering, Procurement and Construction (EPC).



Factory Facilities and Capacities
Work shop area Bangplee, Factory 5200 sq.m



Factory Facilities and Capacities — **40,000 sq.m. (total)**

Work shop area Rayong, Factory — **25,000 sq.m. (under roof)**

QMS and Product Standards

- ISO 9001 : 2015
- ASME
  - S Stamp for manufacture and assembly power boilers
  - U Stamp for manufacture pressure vessel
  - PP Stamp for fabrication and assembly of pressure piping
  - R Stamp for repairs
- EN 3834-2, DIN, TUV ; AD 2000
- CE Mark, Directive 2014/68/EU
- BS

QUALITY MANAGEMENT SYSTEM CERTIFICATES

TÜVNORD

CERTIFICATE

Management system as per
ISO 9001 : 2015

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

GETABEC PUBLIC COMPANY LIMITED
335/7 Srinakarin Road, Nongbon,
Pravej, Bangkok 10250,
Thailand

GETABEC Boiler & Burner Specialist
German-Thai Boiler Engineering Cooperation

with the locations according to the annex

operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

Design, Engineering, Manufacturing, Sales and After Sales Service of Steam Boiler, Hot Water Boiler, Thermal Oil Heater, Pressure Vessel, Heat Exchanger and Storage Tank, Balance of plant, Provision of Boiler Installation and Pressure Equipment Repairing Services

Certificate Registration No. 04 100 030469
Audit Report No. SEATH-Q1615/2024

Valid from 2024-03-08
Valid until 2027-03-07
Initial Certification 2003

Certification Body
at TÜV NORD CERT GmbH

TÜV NORD (Thailand) Ltd.
1858/75-76 16th Floor, Interlink Tower,
Debaratna Road, Bangna Tai,
Bangna, Bangkok 10260, Thailand
2024-02-16

TÜV NORD CERT GmbH Am TÜV 1 45307 Essen www.tuev-nord-cert.com

IAF DAkkS Deutsche Akkreditierungsstelle D-ZM-12007-01-00

TH_FE1615_RC

TÜVNORD

ANNEX

to Certificate Registration No. 04 100 030469

ISO 9001 : 2015

GETABEC PUBLIC COMPANY LIMITED
335/7 Srinakarin Road, Nongbon,
Pravej, Bangkok 10250,
Thailand

GETABEC Boiler & Burner Specialist
German-Thai Boiler Engineering Cooperation

Certificate Registration No.	Location	Scope
04 100 030469-001	GETABEC PUBLIC COMPANY LIMITED Administrative and Sales Office: 335/7 Srinakarin Road, Nongbon, Pravej, Bangkok 10250, Thailand	Sales, Design, Engineering, after Sales Service of Steam Boiler, Hot Water Boiler, Thermal Oil Heater, Pressure Vessel, Heat Exchanger, Balance of plant, Provision of Boiler and Pressure Equipment, Installation Service
04 100 030469-002	GETABEC PUBLIC COMPANY LIMITED Bangplee Factory: 609 Moo 17, Theparak Road, Bangsaothong, Amphur Bangsaothong, Samutprakarn 10570, Thailand	Sales, Design, Engineering, Manufacturing, after Sales Service of Steam Boiler, Hot Water Boiler, Thermal Oil Heater, Pressure Vessel, Heat Exchanger, Balance of plant, Provision of Boiler and Pressure Equipment Installation Service
04 100 030469-003	GETABEC PUBLIC COMPANY LIMITED Rayong Factory: 379, 379/1 Moo 6, Soi 8, Tambon Pananikom, Amphur Nikompattana, Rayong 21180, Thailand	Design, Engineering, Manufacturing of Steam Boiler, Hot Water Boiler, Thermal Oil Heater, Pressure Vessel, Heat Exchanger, Balance of plant, Storage Tank, Provision of Boiler and Pressure Equipment, Repairing Services
04 100 030469-004	GETABEC PUBLIC COMPANY LIMITED Sales and Installation Office: 335/39 Srinakarin Road, Nongbon, Pravej, Bangkok 10250, Thailand	Sales, Design, Engineering, after Sales Service of Steam Boiler, Hot Water Boiler, Thermal Oil Heater, Pressure Vessel, Heat Exchanger, Balance of plant, Provision of Boiler and Pressure Equipment, Installation Service

End of the List

Certification Body
at TÜV NORD CERT GmbH

TÜV NORD (Thailand) Ltd.
1858/75-76 16th Floor, Interlink Tower,
Debaratna Road, Bangna Tai,
Bangna, Bangkok 10260, Thailand
2024-02-16

TÜV NORD CERT GmbH Am TÜV 1 45307 Essen www.tuev-nord-cert.com

IAF DAkkS Deutsche Akkreditierungsstelle D-ZM-12007-01-00

TH_FE1615_RC

DIN EN ISO 3834-2 CERTIFICATES

TÜVNORD

Certificate

TN/ISO3834/2875/24

Report No. / Manufacturer No. / Validity remark: 8122579435 / 2875 / 17.04.2024 - 31.01.2026

Quality Requirements for Fusion Welding of metallic Materials

We hereby confirm, that the manufacturer

GETABEC PUBLIC COMPANY LIMITED
335/7 Srinakarin Rd., Nongbon, Prevej
10250 Bangkok
Thailand

has been assessed and recognised on the basis of

DIN EN ISO 3834 part 2
Comprehensive Quality Requirements

The company applies a quality assurance system and has appropriately suitable operational equipment, qualified personnel and joining procedures.

The scope of the certification and the details of the assessment can be found in the scope of the certificate and in the report.

Auditor: Phanchart

Hamburg, 17.04.2024

TÜVNORD Digital unterschrieben von Kaschner Morten
Datum: 2024.04.17 13:58:31 +02'00'

DAkkS Deutsche Akkreditierungsstelle D-ZE-11074-03-00

Accredited Certification Body

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31, 22525 Hamburg, Germany
tuev-nord.de | certifications@tuev-nord.de

TÜVNORD

Scope of the Certificate

TN/ISO3834/2875/24

Report No. / Manufacturer No. / Validity remark: 8122579435 / 2875 / 17.04.2024 - 31.01.2026

Manufacturing Site(s):
GETABEC PUBLIC COMPANY LIMITED
609 Moo 17, Bangplee Industrial Estate, Theparak Road, Tambol Bangsaothong, Amphur Bangsaothong
10570 Samutprakarn, Thailand

Product(s) of the Manufacturer:
In the following depending on possibly further required certifications:
Pressure vessels, steam boilers as well as their components

Product Standard(s) and other Standards (see DIN EN ISO 3834-5):
AD 2000 HP0, DIN EN 13445, DIN EN 12952, DIN EN 12953
DIN EN ISO 9606-1, EN ISO 14732, DIN EN ISO 5817
DIN EN ISO 15613, DIN EN ISO 15614-1 level 2, DIN EN ISO 15614-8

Welding Process(es) (acc. to ISO 4063) with Degree of Mechanisation and Material Groups (acc. to CEN ISO/TR 15608):
135 MAG Metal active gas welding, partly-mechanized for 1.1, 1.2 with ReH ≤ 295 MPa
136* MAG Metal active gas welding with flux cored electrode, partly-mechanized, for 1.1, 1.2 with ReH ≤ 295 MPa (not for AD2000 HP0)
141 TIG Tungsten inert gas welding, manual, for 1.1, 1.2 with ReH ≤ 295 MPa
141 TIG Tungsten inert gas welding, fully mechanized, for 1.1, 1.2 with ReH ≤ 295 MPa
121 SAW Submerged arc welding, fully mechanized, for 1.1, 1.2 with ReH ≤ 295 MPa

Responsible Welding Supervisor(s)
Name, Given Name / Qualification / Area of Responsibility / Degree of Knowledge
Mr. Kongnuk, Kritawat / IWE / responsible welding coordinator / C ext.

DIRECTIVE 2014/68/EU, ANNEX I, POINT 3.1 CERTIFICATES

AD 2000-MERKBLATT HP 0 CERTIFICATES

TÜVNORD

Certificate

TN/PED-3-1/2875/24

Report No. / Manufacturer No. / Validity remark: 8122579435 / 2875 / 17.04.2024 - 31.01.2026

Manufacturer of Pressure Equipment
Directive 2014/68/EU, Annex I, Point 3.1

We hereby confirm that the manufacturer

GETABEC PUBLIC COMPANY LIMITED
335/7 Srinakarin Rd., Nongbon, Prevej
10250 Bangkok
Thailand

has been assessed and approved according to the requirements of Directive 2014/68/EU (Pressure Equipment Directive), annex I, point 3.1.

Place of manufacturing: **609 Moo 17, Bangplee Ind. Est., Theparak Rd. 540, 10570 Samutpr.**

The manufacturer applies a quality assurance system to prepare, permanently join and test components for pressure equipment in such a way that the safety of the pressure equipment is not impaired and its traceability is guaranteed. The welding specifications were checked with test basis DIN EN ISO 3834 part related to the manufacture of pressure equipment. The details of the inspection can be found in the report.

Scope of approval: Manufacturing of pressure vessels (AD 2000 HP 0, EN 13445)
Manufacturing of steam boilers (EN 12952, EN 12953)

Auditor: Phanchart

Hamburg, 17.04.2024

TÜVNORD Digital unterschrieben von Kaschner Morten Datum: 2024.04.17 13:58:50 +02'00'

Certification Body

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31, 22525 Hamburg, Germany
tuev-nord.de | certifications@tuev-nord.de

TÜV®

TÜVNORDGROUP

TÜVNORD

Certificate

TN/AD2000-HP0/2875/24

Report No. / Manufacturer No. / Validity remark: 8122579435 / 2875 / 17.04.2024 - 31.01.2026

Manufacturer of Pressure Vessels,
Steam Boilers as well as their components

We hereby confirm that the manufacturer

GETABEC PUBLIC COMPANY LIMITED
335/7 Srinakarin Rd., Nongbon, Prevej
10250 Bangkok
Thailand

has been assessed and approved in accordance with

AD 2000 Merkblatt HP 0

Place of Manufacturing: **609 Moo 17, Bangplee Ind. Est., Theparak Rd. 540, 10570 Samutpr.**

The manufacturer applies a product-related quality assurance system, has facilities to process the materials properly and to carry out the necessary tests. He has his own responsible supervisory personnel as well as competent personnel for the production.

The scope and details of the assessment can be found in the report.

Auditor: Phanchart

Hamburg, 17.04.2024

TÜVNORD Digital unterschrieben von Kaschner Morten Datum: 2024.04.17 13:58:41 +02'00'

Certification Body

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31, 22525 Hamburg, Germany
tuev-nord.de | certifications@tuev-nord.de

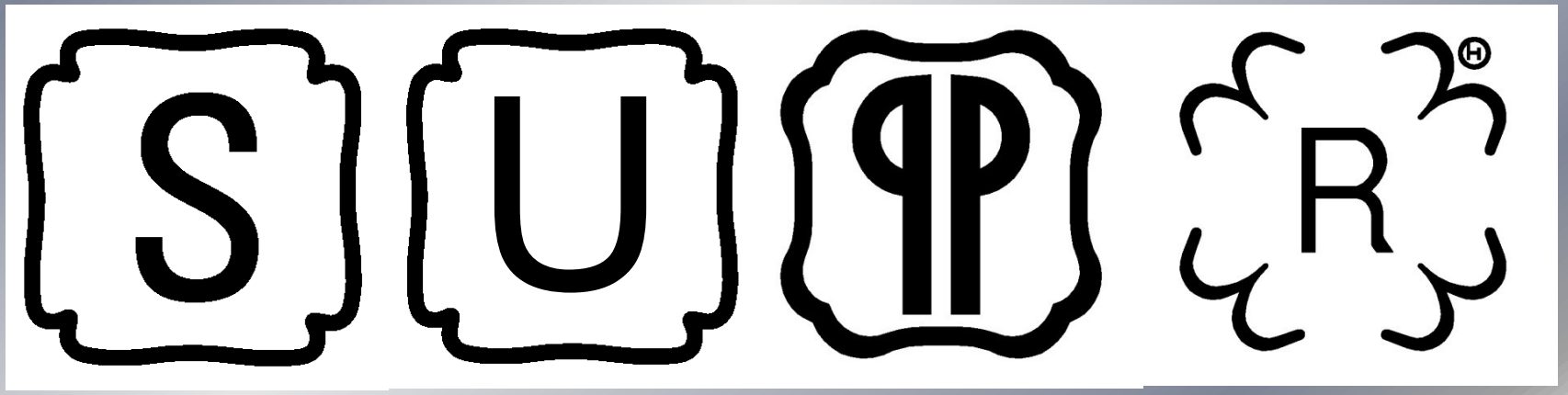
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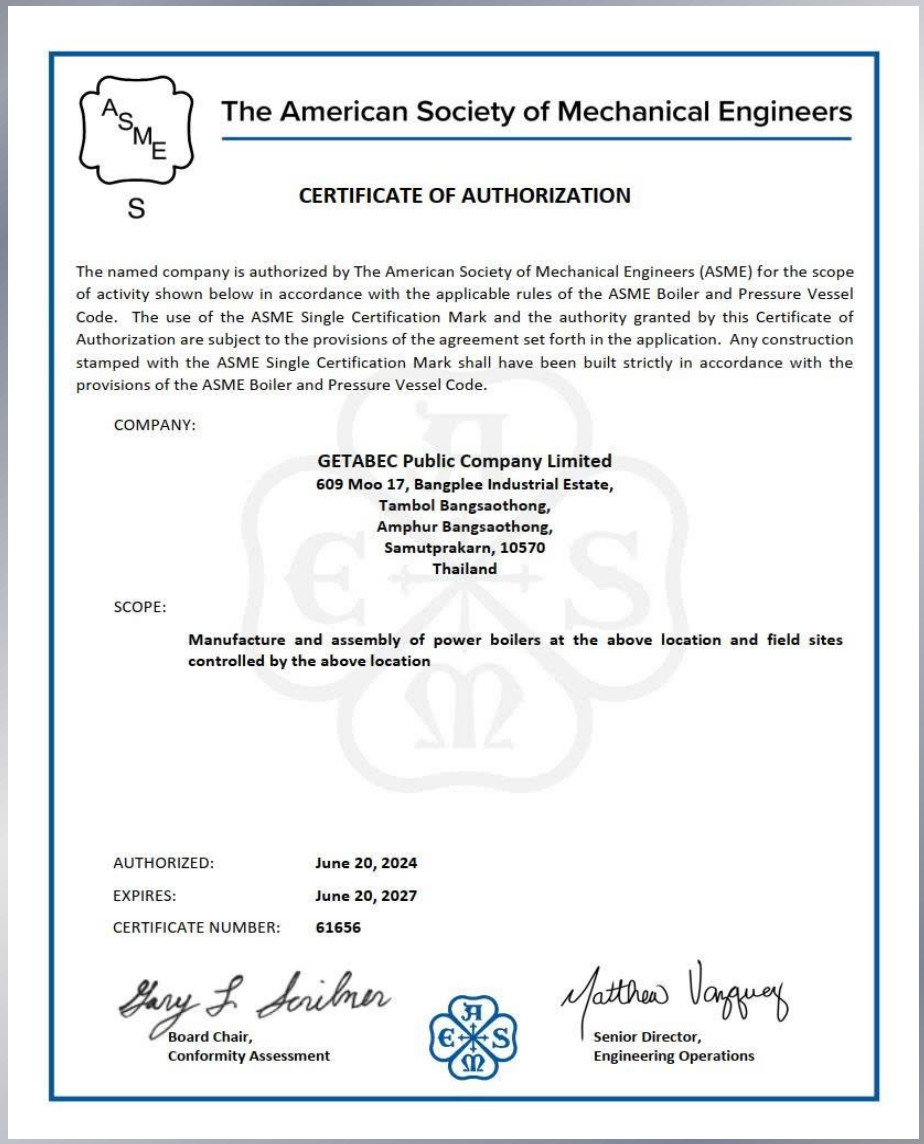
ASME CERTIFIED MANUFACTURER

ASME (American Society of Mechanical Engineers Certification)





ASME "S" CERTIFICATES



The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

GETABEC Public Company Limited
609 Moo 17, Bangplee Industrial Estate,
Tambol Bangsaothong,
Amphur Bangsaothong,
Samutprakarn, 10570
Thailand

SCOPE:

Manufacture and assembly of power boilers at the above location and field sites controlled by the above location

AUTHORIZED: **June 20, 2024**

EXPIRES: **June 20, 2027**

CERTIFICATE NUMBER: **61656**

Gary L. Scribner
Board Chair,
Conformity Assessment

Matthew Vazquez
Senior Director,
Engineering Operations

ASME "U" CERTIFICATES



The American Society of Mechanical Engineers

U

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

GETABEC Public Company Limited
609 Moo 17, Bangplee Industrial Estate,
Tambol Bangsaothong,
Amphur Bangsaothong,
Samutprakarn, 10570
Thailand

SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: **June 20, 2024**

EXPIRES: **June 20, 2027**

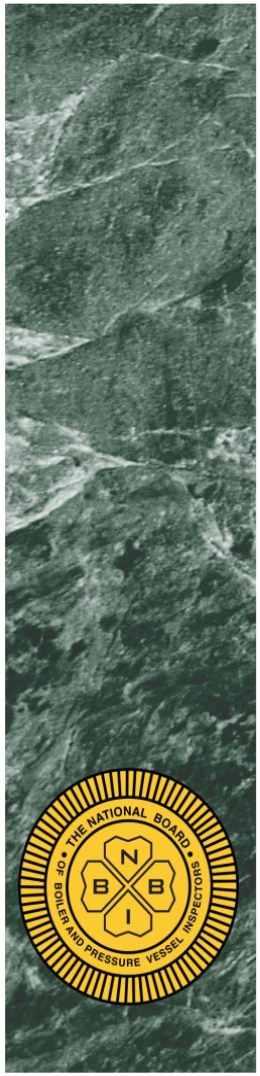
CERTIFICATE NUMBER: **61657**

Gary L. Scribner
Board Chair,
Conformity Assessment

Matthew Vanfleet
Senior Director,
Engineering Operations

NB "R" STAMP CERTIFICATES

NB (The National Board of Boiler and Pressure Vessel Inspectors)



THE NATIONAL BOARD
OF
BOILER & PRESSURE VESSEL INSPECTORS

Certificate of Authorization to Register

This is to certify that

GETABEC Public Company Limited
609 Moo 17, Bangplee Industrial Estate,
Tambol Bangsaothong,
Amphur Bangsaothong,
Samutprakarn 10570
Thailand

is authorized to apply the "NB" mark and register boilers, pressure vessels or other pressure retaining items with the National Board.

The scope of Authorization is limited to items manufactured in accordance with:

ASME Designator(s): S, U

Issue Date: **June 20, 2024**

This Certificate of Authorization to Register will remain in effect as long as the manufacturing organization holds a valid Certificate of Authorization issued by the American Society of Mechanical Engineers.

Executive Director

Authorized Inspector
Notified Body





INSPECTION CERTIFICATES



Certificate no: BGK 0870014-5/1
Page 1 of 1

Lloyd's Register

Lloyd's Register Verification
Inspection Certificate

Project: **Hydrostatic test of Prefurnace part for UFC (LP) Thailand. HBO-0493**

Client: **German Thai Bioler Manufacturing Ltd. 609 Moo 17,Bangplee Industrial Estate, Theparak Rd., Bangsaothong. Samutprakarn 10540 Thailand.**

Client Order Number: **Request for service dated 04 February 2008 Quoting Reference: BGK/AM/08/CNM/F204**

Office: **Bangkok**

Date: **27 March 2008**

Order Status: **Complete**

Inspection Date
First: **27 March 2008**

Final **27 March 2008**

This certificate is issued to **German Thai Bioler Manufacturing Limited (Getabec) to certify that the undersigned surveyor** to this society did **attend at their factory at 609 Moo 17, Bangplee, Industrial Estate, Theparak Road, Bangsaothong, Samutprakarn 10540 Thailand** on the **date mentioned above** for the purpose of witnessing **hydrostatic test of the prefurnace part described below.** :-

ONE [1] PREFURNACE PART

Design code	:	BS 1113' 99
Model	:	JK-HD4000 Heating surface: ±63 m²
Mfg. Construction No.	:	0493
Appraised Drawing No.	:	EV0618-JK-HD4000-12-04.1 Rev. B.
Design appraisal	:	By the manufacturer.
Design Pressure	:	1.2 N/mm² (12 bar).
Design Temperature	:	250 deg. C
Test Pressure witnessed	:	1.8 N/mm² (18 bar).
Test Medium	:	Water & Time held: 30 minutes.
Remarks	:	Hydrostatic was done using calibrated pressure gauges.

On the basis of hydrostatic test witnessing at the aforementioned test pressure, we certify that there is no any leakage or permanent deformation of the prefurnace part at the time of testing.

Lloyd's Register Verification Ltd.
Initials CNM

CHAMNI MOSAGUL
For and on behalf of Lloyd's Register Verification

INSPECTION CERTIFICATES



TÜV NORD (Thailand)

CERTIFICATE

Hydrostatic Test Certificate

Certificate No.: C-18-01-01199-02

This is to certify that the results of the hydrostatic test carried out on the pressure equipment described below fulfil the requirements of pressure test in accordance with approval drawing and Manufacturer's hydrostatic test procedure.

Name and Address of Manufacturer: **Getabec Public Company Limited. Rayong Factory: 379 Moo 6 Soi 8, Nikompattana, Rayong 21180 THAILAND.**

Pressure equipment

Identification No:	B027EI17863R.1		Component	CONVECTION PART	
Model No.	CV3250/6000-12-1P		Corrosion Allowance	0.75	mm
Drawing No.	EI17-0863-CV3250/6000-12-1P-03.2 Rev.B		Production facility	GETABEC, Rayong	
				See. Name and Address of manufacturer as above	
Allowable Pressure, Max.	12.0	bar			
Allowable Temperature, Max.	191.6	°C	Standard	EN 12953	
Volume (FULL / LWL)	35,174	L	Year built	2018	
Test Pressure	19.0	bar	Date of Test	22.01.18	

Safety Valves

Size	NA	kg/s	Set Pressure	NA	bar
Test Pressure	NA	bar	Date	NA	

Remark : The accessories are not tested/ inspected within the scope of this inspection and the applicable tests have to be performed after assembly.

Industrial Services TÜV NORD TÜV NORD (Thailand) Ltd.

Mr. Putanasit Soontornwat

Inspection Engineer

(Bangkok, 22.01.2018)

TÜV NORD (Thailand) Ltd.
16th Floor, TCIF Tower
Bangna-Trad (Km.4.5)
Bangkok 10260, Thailand

Tel. +66-2 751 4050
Fax +66-2 751 4048
E-mail thailand@tuv-nord.com
Http://www.tuv-nord.com

Disclaimers:
The latest edition of the General Terms and Conditions of TÜV NORD(Thailand) Ltd. is applicable.
This certificate is granted subject to condition that it is understood and agreed that nothing herein contained shall be deemed to relieve any designer, manufacturer, seller, supplier, Repairer or operator of any warranty expressed or implied .Under no circumstances TUV NORD be liable for any injure or damage to any person property occurring by reason of negligent operation or any defect in materials, machineries, equipments, or other items other than such defects ascertained by normally accepted standards and only upon those items actually inspected by TUV Nord and which are covered by this certificate.
Rev. 02

MAIN EQUIPMENTS

➢ Automative Water Tube Panel	2 unit
Welding M/C, Orbital M/C,	
➢ Water Tube Panel Bending M/C	1 unit
➢ Plate Rolling M/C 10-55 mm.	1 unit
➢ Plate Rolling M/C 6-30 mm.	1 unit
➢ Radial drilling M/C	4 units
Drilling M/C	1 units
➢ Submerge Arc Welding	6 units

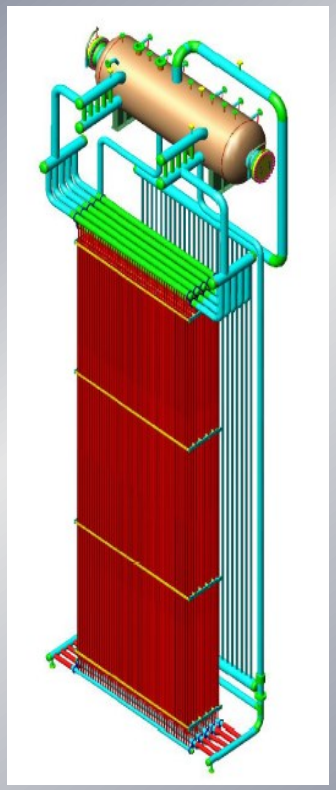
MAIN EQUIPMENTS

- Hydraulic Press M/C 1000 tons 1 unit
- Tube Welding M/C 2 units
- Sand Blast and Painting equipment 2 units
- Etc.

OUR PRODUCTS

















FIRED-TUBE THREE PASS BOILER

Steam Boiler, The Flame-Tube Boilers with a performance up to 10 t/h with light oil fuel , heavy oil fuel, natural gas fuel and bi-o gas fuel. The steam can be achieved, although this requires increased effort and expenditure for monitoring.

The GETABEC-Three Pass Boiler HDO is equipped with a rear reversing chamber which is 100% water-cooled on all sides and flue gas-proof.



QUICK STEAM BOILER

As cooperate with NTEC company from Japan, QUICK STEAM BOILER Once Through Boiler is our new range of product.

QUICK STEAM BOILER our recommend product for the vertical type of boiler which is suitable for the limited area.

The capacity of boiler start from
Capacity 100 kgs – 3000 kgs
Fuel Heavy Oil, Natural Gas and LPG.



WATER TUBE BOILER GETABEC ECKROHRKESSEL

The water circulation system of the Eck Rohr Kessel ERK-HP has a numerous special characteristics which distinguishes it from those of all other known natural circulation water tube boiler especially from the Bi-Drum design.

For Small Capacities

Capacity 1 t/h up to 10 t/h but high design pressures up to 100 bar

For Medium Capacities

Capacities up to 150 t/h and design pressures up to 100 bar

For High Capacities

Capacities up to 200 t/h and design pressures up to 100 bar

The design principle of the Eck Rohr Kessel can easily be adapted to the fuels and the plant conditions required by the customer.





BIO MASS BOILER

In collaboration with our partner company special design for Biomass such as rice husk, waste wood, coal etc. As one of our policies to offer the customer the highest product quality, GETABEC has cooperated with the company to achieve the best quality product in Biomass boiler industry. Capacity from 1,000 up to 100,000 kg/hr.

We convert biomass and industrial waste into clean energy.





THERMAL OIL HEATER

The **THERMAL OIL HEATER** from **GETABEC** is the most effective and most efficient heat transfer equipment. The use of high-temperature thermal oil made on mineral oil basis or synthetically as transfer media up an outlet temperature of 350 °C eliminates problems typical for water-steam operation. Also, mineral oils are more effective and more efficient in terms of heat transfer capability. The Three Pass design with forced circulation.



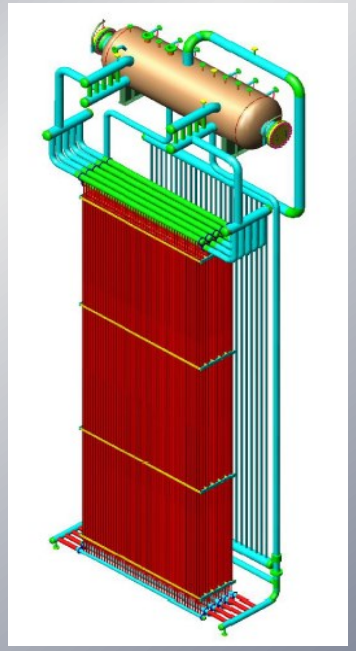
THERMAL OIL HEATER from **GETABEC**
400 kW to 15Mkcal/h, max 350°C up to 8 bar
The Thermal Oil Heater from **GETABEC** heats carrier system operates excellently, safely, reliably and guaranteed to last for many years

HEAT RECOVERY STEAM GENERATOR

We manufacture following Heat Recovery Steam Generator

- Steam Generator after Gas Generators, Model HRSG
- Steam Generator after Gas Turbine, Model HRSG-G
- Hot Water Boiler after Gas Generators, Model HRHB
- Steam Generator after Thermal Oil Heaters, Model HRTH







HEAT RECOVERY STEAM GENERATOR

We manufacture following Heat Recovery Steam Generator

- Steam Generator after Gas Generators, Model HRSG
- Steam Generator after Gas Turbine, Model HRSG-G
- Hot Water Boiler after Gas Generators, Model HRHB
- Steam Generator after Thermal Oil Heaters, Model HRTH





HEAT RECOVERY STEAM GENERATOR

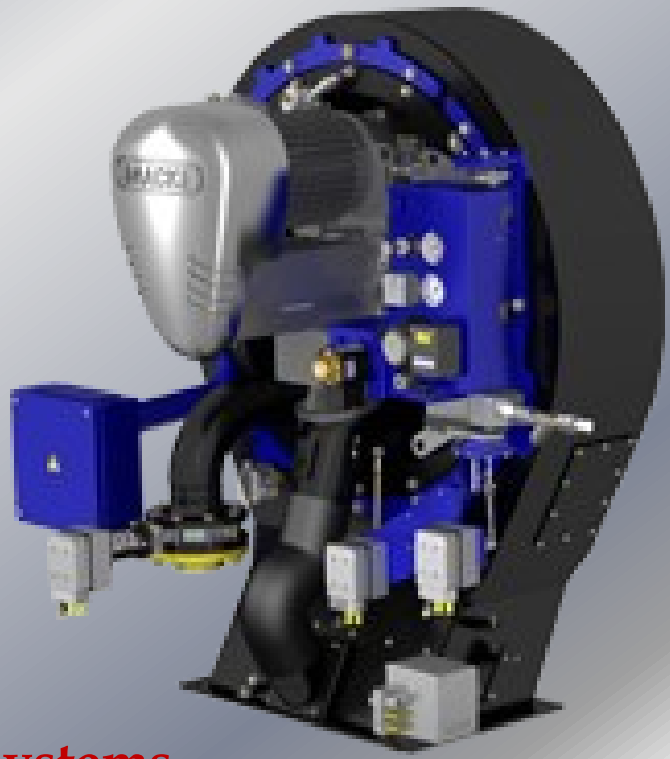
We manufacture following Heat Recovery Steam Generator

- Steam Generator after Gas Generators, Model HRSG
- Steam Generator after Gas Turbine, Model HRSG-G
- Hot Water Boiler after Gas Generators, Model HRHB
- Steam Generator after Thermal Oil Heaters, Model HRTH



SAACKE BURNER

GETABEC is the only representative of SAACKE burner in Thailand. SAACKE Burner, The clean, low-level solid combustion, maximum efficiency, lowest emission rates, absolute operating reliability and above all, the ability to adapt quickly and simply to customised surroundings and demands. All these secure your investment long-term. SAACKE's modularly designed burner systems fulfil all the operator's requirements.



SAACKE Burner Tailor-made burner systems

OUR SERVICE TEAM

Samutsakorn Branch



Pitsanuloke Branch



Bangkok Branch



Rayong Branch



Saraburi Branch



Hatyai Branch







Suvarnabhumi Airport

COPYRIGHT PHOTO BY KUAYJENG

Bangkok International Airport Suvarnabhumi

Customer : Thai Shinryo Ltd.
Location : Bangkok (Thailand)
Boiler type : HDO 18000 and 20000
Boiler parameters : Output 2x18.0 t/h and 2x20.0 t/h
Oulet steam pressure – 18 bar (a)
Outlet steam temperature – 220 °C



Bang Pakong Combined Cycle Power Plant 5 Project

Customer : MARUBENI-DOOSAN
Location : Chachoengsao (Thailand)
Boiler type : Auxiliary Steam Boiler "GETABEC KESSEL"
Boiler model : HDO-P 14000/10 Diesel + Natural Gas



Amata B.Grimm

Customer : AMATA POWER
Location : Amata Nakorn, Chonburi (Thailand)
Boiler type : Auxiliary Steam Boiler "GETABEC KESSEL"
Boiler model : HDO-P 18000/16 Natural Gas



High Pressure Water Tube Boiler

Customer : PTTUT CUPII
Location : Rayong (Thailand)
Boiler type : Water Tube Boiler
Boiler parameter : 2 x 70 t/h, 60 Bar.g SH 430 Deg., NG



High Pressure Water Tube Boiler

Customer : PTT Chemical Co.Ltd.
Location : Rayong (Thailand)
Boiler type : ERK 70000 and ERK 50000
Boiler parameter : Output 2x77 t/h and 1x55 t/h
Outlet steam pressure – 60 bar (a)
Outlet steam temperature – 430 °C



Heat Recovery Steam Boiler

Customer : PTT ASAHI
Location : Rayong (Thailand)
Boiler type : Heat Recovery Steam Boiler
Boiler parameter : Output 150 t/h , 55 bar g, 430 °C
DeNOx System : Less than 10 ppm Nox emission



Heat Recovery Steam Generator

Customer
: Thai Oil Power Company Limited

Location
: Sriracha (Thailand)

Boiler type
: Heat Recovery Steam Generator (HRSG)

Boiler parameter
: Output 20 t/h





Heat Recovery Boiler

Customer : Siam Pulp and Paper
Location : Thailand
Boiler parameter : Black liquor Heat Recovery Boiler 120 T/h 45 Bar g



SOLAR THERMAL POWER PLANT

Location : Kanchanaburi , Thailand



Had Yai Provincial Municipal Garbage Power Plant, Had Yai, Songkha, Thailand

Steam Boiler	:	*Water Tube*
Capacity	:	*34 Tons/ Hr*
Designed pressure	:	*51.0 Bar. G*
Temperature	:	*460 Deg C*
Fuel	:	*Municipal Garbage Waste, 300-350 Tons/day*
Electric Power	:	*5 MWe*



GAS TURBINE COGENERATION PLANT

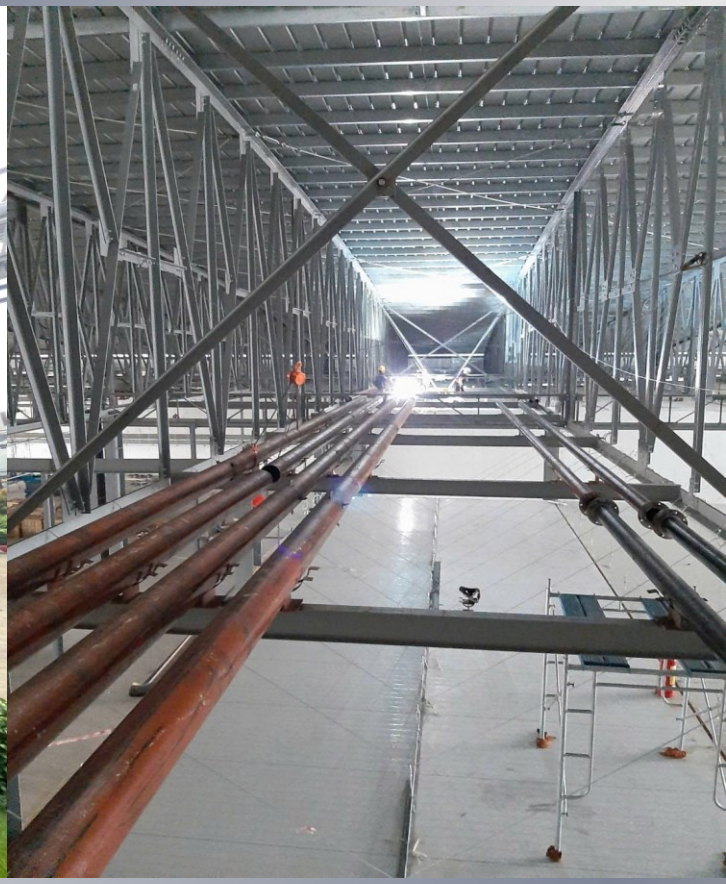
Customer : Central Paper Industry
Location : Thailand
Electric Power Output : 5 MWe
Thermal Steam Output : 3 0 TPH, 8 Barg (sat.)



PRESSURE VESSEL

Dia 2300 mm. x Length 52000 mm.





6 BOILER 5 TONS/10 BAR Complete BOP and piping to process

Customer : CPV Food

Location : Binh Phuoc - Viet Nam

Fuel: HFO/ Biogas





BOILER 5 TONS/10 BAR -Complete BOP and piping to process

Customer : CPV Food

Location : Ha Noi - Viet Nam

Fuel: HFO

BOILER 8 TONS/10 BAR -Complete BOP and piping to process

Customer : CPV Food

Location : Ha Noi - Viet Nam

Fuel: HFO





BOILER 18 TONS/25 BAR-

Customer : Nestle

Location : Dong Nai -Viet Nam

Fuel: DO, CNG

BOILER 3.2 TONS/10 BAR Complete BOP and piping to process

Customer : BIM

Location : Phu Quoc - Viet Nam

Fuel: DO

EXAMPLE OUR CUSTOMER















