



IHI



COMMITTED TO QUALITY,
COST & DELIVERY



PT.CILEGON FABRICATORS

BOILER PRESSURE PART, PIPING, HRSG, HEAT EXCHANGER,
PRESSURE VESSEL, STEEL STRUCTURE, HEAVY EQUIPMENT,
MAINTENANCE & SERVICES WORKS

VALUES

We continuously developed and applying values that strongly support our mission.

Our values are :

- INTEGRITY
- TRANSPARENCY
- TEAMWORK

- CREATIVITY
- WINNING SPIRIT
- EXCELLENCE

TRUST

When it comes to business it's all about trust. Trust that your cooperations won't fail and that you can count in your partner. PT. Cilegon Fabricators and IHI Corporation as new share holders will be increasing our facilities, technical capability and always improving technologies. As market requirement our factory could manufacture

BOILER PRESSURE PARTS, PIPING , HRSG, STEEL STRUCTURE & HEAVY EQUIPMENT

With capability of 28,800 ton / year, at present condition and with our experiences we have grown into a reputable steel fabricators.

We make it sure that PT. Cilegon Fabricators can serve you with best quality products, so please don't hesitate to meet your partnership to be trust on future project.



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FOREWORD

We, PT.Cilegon Fabricators was established in March 1984 by JEL Singapore and PT.Tri Usaha Bakti, and has since grown into a reputable steel fabricator which supplies products to customers all over the world.

Management systems have been applied in our company to make sure that all fabrication processes can be conducted to meet the international common standard which our customers demand.

Year 2009, IHI Corporation. Japan take over all local company share, together with IHI Corp. PT.Cilegon Fabricators has been expanding its business to cover the demand for industrial steel structures, handling heavy equipment (crane), boiler components and piping works.

With total owned area of 25 hectares, including a shop facility and private jetty, we are confident that we can serve you best quality products and services at competitive prices and on time.

Very Truly yours

President Director



COMPANY INTRODUCTION

PT Cilegon Fabricators are situated in the industrial area of Cilegon, Banten Province; approximately 100km west of Jakarta.

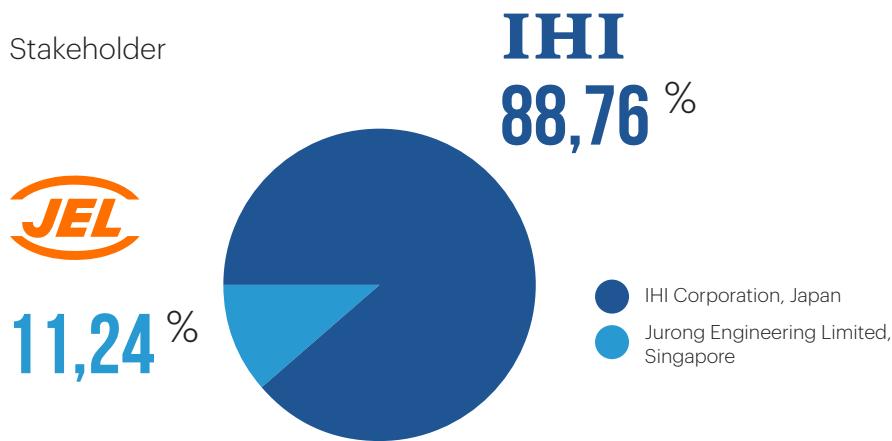
with a total ground space encompassing 250,000m² and an engineering capability supported by X-Steel (TEKLA) and CAD, as well as boasting a 50,000 m² roofed fabrication shop, an open yard for the full assembly of heavy products complete with a 300m² skid rail for the loading and unloading heavy products and sufficient storage space the Cilegon facility is fully equipped to deal with any task.

What's more, the private seaport (jetty) and bounded area provide extremely convenient for sending and receiving bulky products via shipment directly from the PT Cilegon Fabricators facility.

Capital

US \$ 3,4 MILLION

Stakeholder

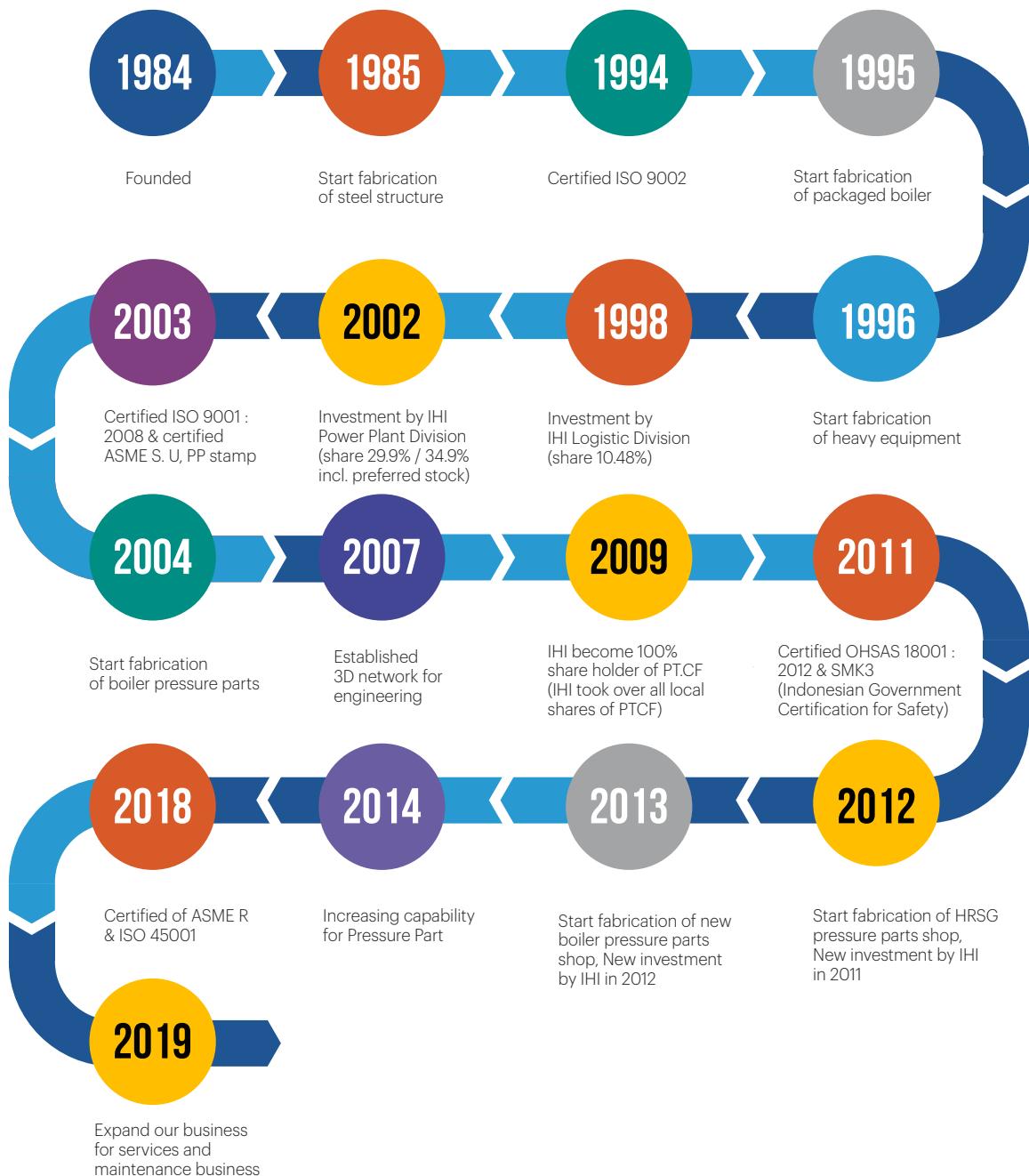


Sales Trend

TREND OF SALES (MILLION US\$)



COMPANY HISTORY





5

6

1

8

11

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4

3

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AREA PLAN

1. Steel Structure Shop 1-4
2. Boiler Pressure Part & Piping Shop 5-6
3. HRSG & Pressure Vessel Shop 7-8
4. Boiler Panel Shop 9-10
5. Blasting & Painting Area (Indoor)
6. Blasting & Painting Area (Outdoor)
7. Raw Material Storage
8. Yard Assembly
9. Product Area Storage
10. Private Jetty
11. Main Office

PRODUCT

1. Steel Structure and Heavy Equipment

CAPABILITY	FACILITIES	COMMON DEVICE
18,000 Ton per year (existing ave.) and further expansion become 20,000 ton.	Under Roof Workshop 19,827 m ² could cover all activities for fabrication of boiler pressure part.	CNC Cutting Machine, NC Sawing, Drilling Machine, Bending & Rolling Machine, Horizontal Boring & Milling Machine, Ringer Crane Cap 150 ton shop for erection at year, private jetty (width : 50m x depth : 7m).



DELIVERY PROCESS



TRIAL ASSEMBLY PROCESS



SHOP ASSEMBLING PROCESS

OUR PRODUCT

Project : Steel Structure for Kashima KP2 (2x600) Project
Country : Japan
Type of Work : Power Plant
Client : IHI Corporation
Supply Product : 6500 Tons

Project : Coal Bunker for Tanjung Jati-B Unit 6 Project
Country : Indonesia
Type of Work : Power Plant
Client : Sumitomo Corporation
Supply Product : 769 Tons

Project : FABRICATION OF ECO-HOPPER FOR TANJUNG JATI B
UNIT 5&6 2x1000 CFPP PROJECT
Country : Indonesia
Type of Work : Power Plant
Client : Sumitomo Corporation
Supply Product : 457.95 Tons

Project : Mobile Sizing Rig, Spreader & Tripper Car for Clermont
Coal Mine Project
Country : Australia
Client : Takraf Australia Pty., Ltd
Capacity : 621 Tons

Project : RTGC of Fabrication & Erection for JICT
Country : Jakarta
Client : Fels Crane
Capacity : 521 Tons



RTGC CRANE FOR JICT

PRODUCT

2. HRSG & ENG. Work

CAPABILITY	FACILITIES	COMMON DEVICE
3,000 Ton per year (existing ave.) and further expansion become 4,000 ton.	Under Roof Workshop 8,100 m ² could cover all activities for fabrication of boiler pressure part.	2 Unit Finning Machine, 2 Unit Bending Tube 3", 1 Unit Bending Tube 4", Assembled Area, and Hydro test Area.



DELIVERY PRODUCT



HARP HYDRO TEST



FINNING TUBE MACHINE

OUR PRODUCT

Project : Engineering Work for Jimah East (2x1000 MW)Power Plant
Country : Malaysia
Client : IHI Corporation

Project : Harp for Kashima HRSG Project
Country : Japan
Type of Work : Power Plant
Client : IHI Corporation
Supply Product : 1025 Tons

Project : Engineering Work for Nim Ishinomaki Hibario (1x149 MW) Power Plant Project
Country : Japan
Client : IHI Corporation

Project : Engineering Work for Kashima Power Plant Project
Country : Japan
Client : IHI Corporation

Project : Engineering Work for 2 Units Steel Structure for Kalselteng Project
Country : Indonesia
Client : IHI Corporation



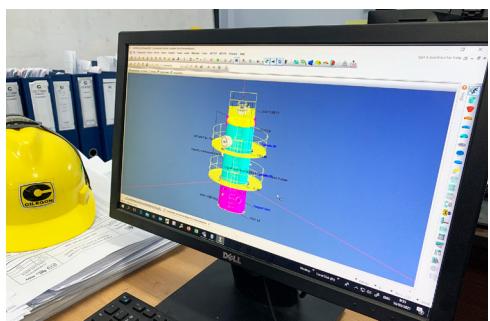
HARP FOR KASHIMA HRSG



GGH BUNDLE KP2 PROJECT



TEKLA & SOLID WORK

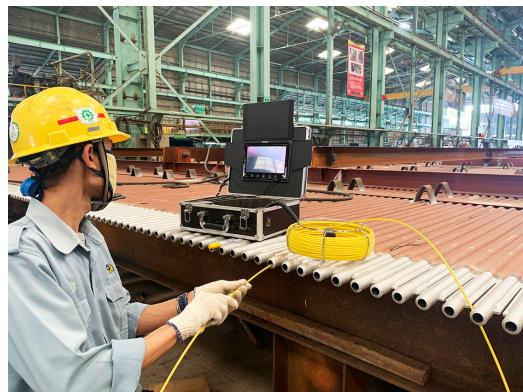


COMPRESS

PRODUCT

3. Boiler Pressure Part & Piping

CAPABILITY	FACILITIES	COMMON DEVICE
7,800 Ton per year	Under Roof Workshop 21,600 m ² could cover all activities for fabrication of boiler pressure part.	Membrane Panel Welding 24+8, Welding Manipulator, 4" Pipe Bender, 4" NC Pipe Bender, 8 Electrode Panel Welder, 4 Electrode Gantry Welder, Equipment for Surface Preparation using for Tube, Pipe, and PWHT Furnace size 14m x 6m x 4m



BORSCOPIC VISUAL INSPECTION



WELDING 9CR PROCESS



PRODUCT DELIVERY

OUR PRODUCT

Project	: Piping for SAFI Project (1 x 693 MW)
Country	: Morocco
Type of Work	: Power Plant
Client	: IHI Corporation
Supply Product	: 2478 Tons
.....
Project	: Boiler Pressure Parts for Jimah East Coal Fired Power Plant Unit 1 & 2 Project (2 x 1000 MW)
Country	: Malaysia
Type of Work	: Power Plant
Client	: IHI Corporation
Supply Product	: 2016 Tons
.....
Project	: Cooling Water Pipe for Central Java 2x1000 MW CFPP Project
Country	: Indonesia
Type of Work	: Piping
Client	: Mitsui Eng. & Shipbuilding Co.,Ltd
Supply Product	: 5600 Tons



BOILER FOR KASHIMA KP2 PROJECT



PRESSURE PART FOR JIMAH POWER PLANT



COOLING WATER PIPE FOR CENTRAL JAVA
2 X 1000 MW



FABRICATION PIPING FOR PATUHA PROJECT

PRODUCT

4. Maintenance Works Business

Our Business Activities

Supported by our qualification, resources and experiences since ¹⁹⁸⁴, we do services and maintenance business activities for boilers, heat exchanger, pressure vessel, tank, piping, and other equipments :

BOILER	HEAT EXCHANGER	PRESSURE VESSEL	PRESSURE VESSEL
<ul style="list-style-type: none">• Boiler Inspection• Boiler Re-Tubing• Mechanical & Chemical Cleaning• Boiler Refractory Repair• Castable Refractory Installation• Insulation Repair• Boiler Burner Fuel Modification• Tube Re-Expanded• Boiler Proper Repair (Nozzle & Drums)• Boiler Burner Adjustment• Boiler Commissioning	<ul style="list-style-type: none">• Tube Repair• Heat Exchange Re-Tubing• Tube Re-Expanded• Mechanical & Chemical Cleaning• Insulation Repair and Installation• Heat Exchanger Proper Repair (Nozzle & Drums)	<ul style="list-style-type: none">• Mechanical Cleaning• Insulation Repair and Installation• Vessel Proper Repair (Nozzle & Drums)	<ul style="list-style-type: none">• Mechanical & Chemical Cleaning• Repair Works

Our Resources

For supporting our boiler pressure parts activities, we have 198 welders qualified by ASME Sec. IX, 10 welders qualified by Depnaker, 156 fitters qualified by ASME Sec. IX, 12 NDE inspectors level II, and other main facilities at our boiler pressure parts shop as follow :

No.	EQUIPMENT NAME	SPECIFICATION	UNITS
1	32 Electrode Panel Welder	SAW Type : Panel Width : Max.1.6M, Panel Length : 3-20	1
2	4 Electrode Gantry Panel welder	SAW Type : Panel Length : Max. 15 M	1
3	Horizontal Panel bender	Tube OD : 28.6-80 mm, Bending R : 140-420, Bending Angle : Max. 140 deg.	1
4	Vertical Panel Bender	Tube OD : Max. 100 M	1
5	400 Ton Press	Table Size : 2.2 m x 1.6 m	1
6	4 Inch NC Tube Bender	Max. Applicable Tube Spec. : 88.9 mm x t2.1 mm	2
7	4 Inch Tube Bender	Max. Applicable Tube Spec. : 89.1 mm x t7.6 mm	1
8	SAW Manipulator	Large Size Pipe SAW Machine	3
9	Automatic Tube Welding Machine	Tube Size : 28.6 80 mm	2
10	Large Size Facing machine	Pipe Size : Max. 1,200 mm	2
11	High Frequency Finning machine	Tube Length : 3-22 m, Tube OD : 25.4 - 101.9 mm	2
12	Heat Treatment Furnace	L : 14.0 m x W : 5.0 x H : 2.5 m	1
13	RT Chamber		1

OUR EXPERIENCE REFER TO

Project : Repair Leakage Tube of Boiler BF-2001 ; BF-2001B
Country : Indonesia
Client : PT Chandra Asri Petrochemical

Project : Boiler A & B Tubes Replacement Package
Country : Indonesia
Client : PT Chandra Asri Petrochemical

Project : Retubing Repair Tube Bundle 102-C
Country : Indonesia
Client : Pupuk Kujang Cikampek

Project : Overhaul Bouler HHP I Plant II
Country : Indonesia
Client : Pertamina RU V Balikpapan

Project : RETUBING & REPAIR TUBE BUNDLE HEAT EXCHANGER 102-C
Country : Indonesia
Type of Work : Chemical Factory
Client : Pupuk Kujang
Supply Product : 16.80 Tons

Project : Supply of Silencer
Country : Indonesia
Type of Work : Pressure Vessel
Client : PT Lotte Chemical Nusantara



SILENCER FOR LOTTE TITAN CHEMICAL



RETUBING HHP VI FOR PERTAMINA BALIKPAPAN



EXPANDED JOINT



HEAT EXCHANGER PUPUK KUJANG

FACILITIES



TBM HSE



FIRE DRILL



CLINIC



TRAINING WCIS & IHI COMPLIANCE



PRIVATE JETTY UP TO 14000 DWT



24+8 MEMBRANE PANEL MACHINE



YARD AREA APPROXIMATELY 30,000 M²



BLASTING AREA (INDOOR) L 15M X W 10M X H 4.45M



PAINTING AREA (INDOOR)



PWHT FURNACE ROOM L14M X W 5M X H 2.5M



RT CHAMBER

CERTIFICATION



ISO 9001 : 2015



ISO 45001



ASME STAMP



SMK 3



PROPER



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 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 this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

PT. Cilegon Fabricators
JL. Raya Bojonegara-Salira
Argawana-Puloampel
Serang, Banten 42454
Indonesia

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:

EXPIRES:
CERTIFICATE NUMBER: 33,976

Richard Stevenson
Board Chair, Conformity Assessment

Joseph Horacek
Managing Director, Conformity Assessment

THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS

Certificate of Authorization



This is to certify that

PT. Cilegon Fabricators
Jl. Raya Bojonegara-Salira
Argawana-Puloampel
Serang, Banten 42454
Indonesia

Acceptable Abbreviation: PTCF

is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.

All activities within the scope of this Authorization shall be controlled by the above location.

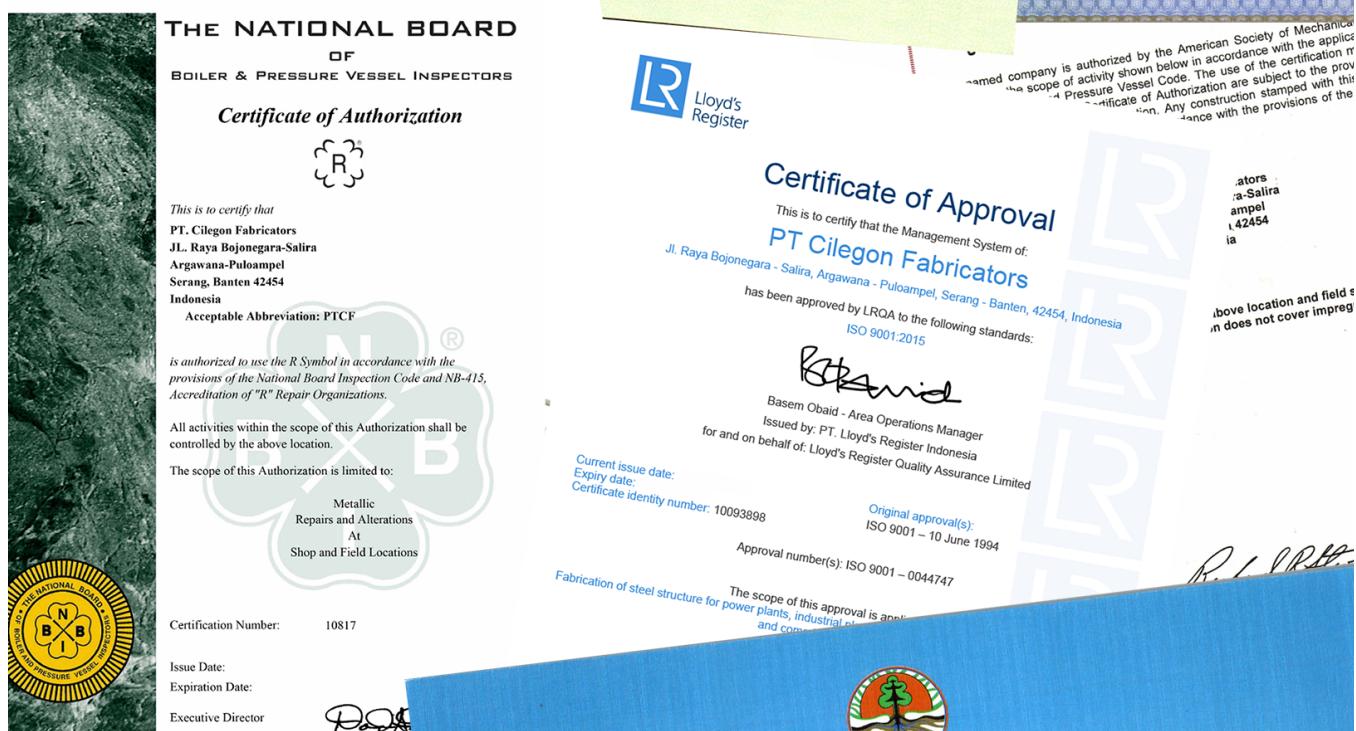
The scope of this Authorization is limited to:

Metallic
Repairs and Alterations
At
Shop and Field Locations

Certification Number: 10817

Issue Date:
Expiration Date:

Executive Director



KEMENTERIAN LINGKUNGAN HIDUP DAN KEHUTANAN REPUBLIK INDONESIA

MENANGKARU PENGHARGAAN
PROGRAM PENILAIAN PERINGKAT KINERJA PERUSAHAAN
DALAM PENGELOLAAN LINGKUNGAN HIDUP



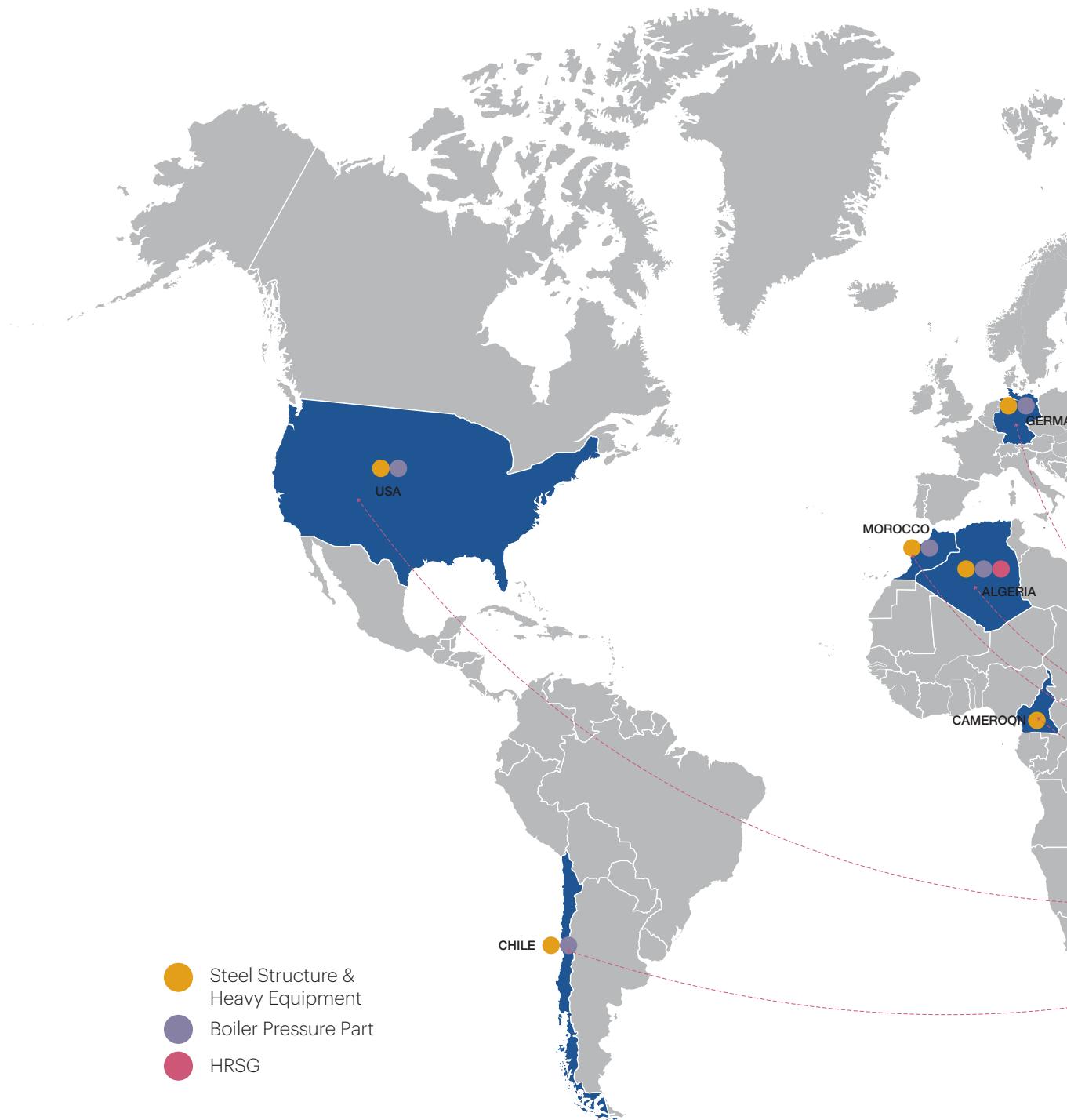
PERINGKAT

BIRU



OUR EXPERIENCE ON WORLDWIDE

- Steel Structure & Heavy Equipment
- Boiler Pressure Part
- HRSG



OUR CLIENTS





PT.CILEGON FABRICATORS

Head Office & Workshop

Jl. Raya Bojonegara - Salira, Argawana
Pulo Ampel, Serang - Banten 42454 Indonesia

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