

PROLIFIC ENGINEERING AND SERVICE CO.,LTD.



# Our Heat is Your Improvement



Heart of Furnace



**PROLIFIC ENGINEERING AND SERVICE CO.,LTD.**

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# PROLIFIC GROUP'S MANAGEMENT TEAM



1.MR. PHUMMARIN SOSRISAKORN

MANAGING DIRECTOR OF PROLIFIC GROUP

2.DR. CHAIPOOT MAKSUK

DIRECTOR OF PROLIFIC ENGINEERING & SERVICE CO., LTD.

3.MS. KULPRAPA KANOKCHAISAKUL

FINANCIAL GENERAL MANAGER

4.MR. SARAN KINGKEAW

OPERATION GENERAL MANAGER

5.MR. EDMUND LIM

TECHNICAL ADVISOR

6.MR.KOICHI NAKAMURA

EXECUTIVE ENGINEERING ADVISOR

7.MR. TAKAHIRO YOSHIOKA

SALES DIRECTOR

8.MS. MERRY PURITANITA

BUSINESS DEVELOPMENT & MARKETING MANAGER

9.MR. PEERAWAT TUPHET

ENGINEERING & SERVICE MANAGER

10.MS. THITAPATH SANGMANI

PLANNING & COST CONTROL ENGINEER

# PROLIFIC ENGINEERING & SERVICE CO., LTD (PES) BACKGROUND



## PROLIFIC HEATING INTERNATIONAL CO., LTD (PHI)

“OUR HEAT IS YOUR IMPROVEMENT”

ESTABLISHED ON : JULY 20, 2005

LINE OF BUSINESS :

- TRADING
- HEATER & FURNACE SPARE PART DESIGN
- HEATING SYSTEM MAKER
- BRAND AGENCY



## PROLIFIC ENGINEERING AND SERVICE CO., LTD (PES)

“HEART OF FURNACE”

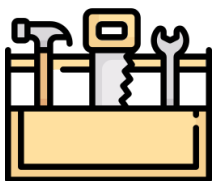
ESTABLISHED ON : DECEMBER 12, 2012

LINE OF BUSINESS :

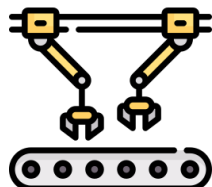
- FURNACE DESIGN & MANUFACTURING
- REPAIRING & PREVENTIVE MAINTENANCE
- AFTER SERVICES (IPSEN & GASDEN RO)
- OEM
- OTHER SERVICES



## RANGE OF SERVICES



REPAIR & PREVENTIVE  
MAINTENANCE  
(COVERHAUL, INSTALLA-  
TIONS, ETC.)



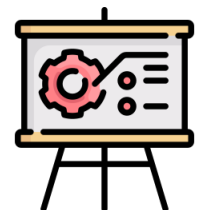
MANUFACTURING  
(IN-HOUSE & OTHER  
FURNACE



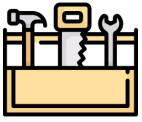
FURNACE SALES AFTER  
SERVICE - IPSEN,  
NABERTHERM,  
GASDEN-RO, ETC



RETROFIT  
(PROTHERMAL  
BUSINESS  
SOLUTION)



OTHER SERVICES



# REPAIRING & PREVENTIVE MAINTENANCE



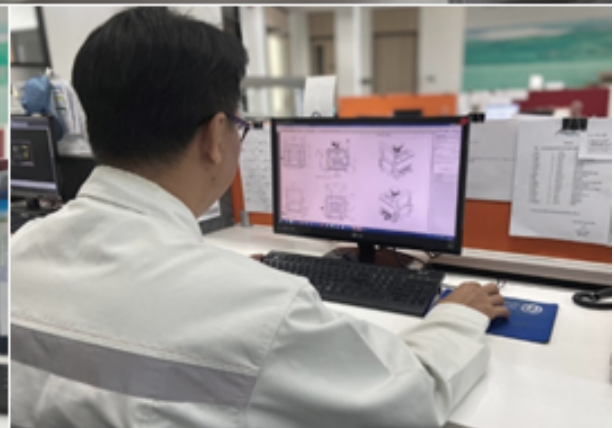
PES PROVIDES COMPREHENSIVE ENGINEERING SOLUTION CATER TO YOUR HEATING SYSTEM TO SUPPORT YOUR PRODUCTION PROCESS TO REACH EFFICIENCY & EFFECTIVITY. WE ALSO PROVIDE COMPLETE ENGINEERING SERVICE OR TURNKEY PROJECT FOR YOUR HEATING SYSTEM, STARTS FROM INSTALLATION UNTIL AFTER SALES SERVICE.

OUR OVERALL SERVICES CONSIST OF:

- REPAIRING
- PREVENTIVE MAINTENANCE (CLEANING, ADJUSTMENT, INSTALLATION)
- OVERHAUL OF BURNER / HEATER
- INSULATION & REFRACTORY (OTHER PRODUCTS RELATED TO FURNACE & HEATING EQUIPMENT)
- ROUTINE MAINTENANCE SERVICE (YEARLY, MONTHLY, SCHEDULED, OR ON DEMAND)
- FURNACE RETROFIT
- FURNACE PARTS CALIBRATION
- TEMPERATURE UNIFORMITY CHECKING
- LEAK TEST
- MAGNETIC FORCE TEST



# PRODUCT & FURNACE DESIGN

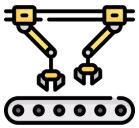


## CUSTOMIZED FURNACE DESIGN

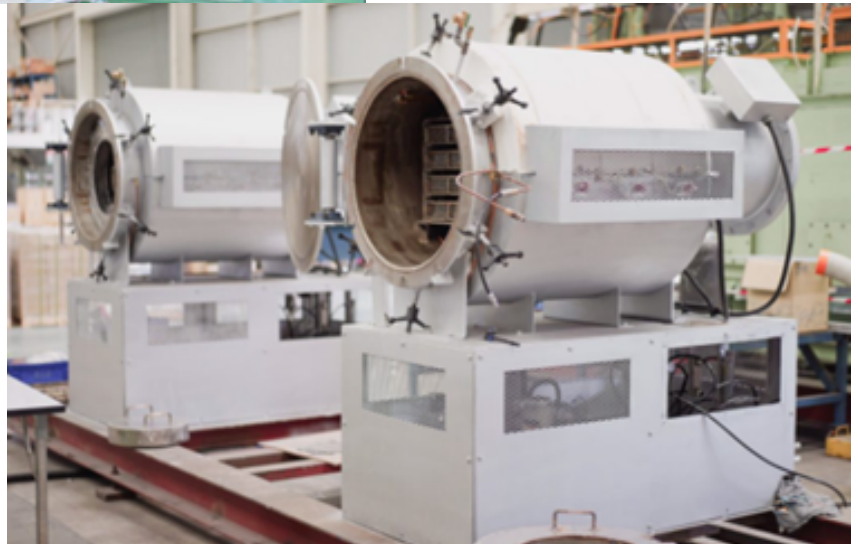
- TEMPERING FURNACE BAKING FURNACE  
HOMOGENIZED FURNACE
- MELTING AND HOLDING FURNACE
- DRY OFF FURNACE AGING FURNACE  
ANNEALING FURNACE
- QUENCHING FURNACE
- CURING OVEN PRE-HEAT MOLD FURNACE

## CUSTOMIZED DESIGN EQUIPMENT

- MUFFLE
- COOLING WATER JACKET
- SHELL AND TUBE HEAT EXCHANGER
- CIRCULATION FAN ROLLER & CONVEYOR
- SYSTEM STAINLESS
- STEEL CURTAIN
- HOT WATER TANK
- RETORT



## IN-HOUSE PRODUCTION (MANUFACTURING)



**PROLIFIC ENGINEERING & SERVICE CO., LTD.** IS ONE OF THE COMPANIES THAT HAVE LATEST AND CUTTING EDGE EXPERTISE IN THE SUPPLY, INSTALLATION, FABRICATION, AND MAINTENANCE OF FURNACE & ITS PARTS. OUR TEAM CONSIST OF TRAINED DESIGNERS, FABRICATION SPECIALISTS, AND DEDICATED TEAM OF ENGINEERS, TECHNICIANS AND ELECTRICIANS.

IT ALLOWS US TO OFFER OUR CLIENTS THE SUPERIOR FABRICATED STEEL STRUCTURES FOR MULTIPLE APPLICATION OF HEATING SYSTEMS. OUR FABRICATED MUFFLE, COOLING JACKET, RETORT PIPING, CIRCULATION FAN, CONVEYOR ROLLER, AND OTHER RELATED EQUIPMENT ARE MANUFACTURED WITHIN THE MOST STRINGENT WORK SCHEDULES AND ARE DELIVERED ON TIME, WITH THE HIGHEST INDUSTRY QUALITY STANDARDS.

WE ARE YOUR PARTNER IN THE SUCCESS OF YOUR PROJECTS AS WE FULFILL DEPENDABLE DELIVERY SCHEDULES, COMPETITIVE PRICING AND QUOTING SERVICES IN ENGINEERING& DESIGN WITH AN OVERALL COMMITMENT TO QUALITY.



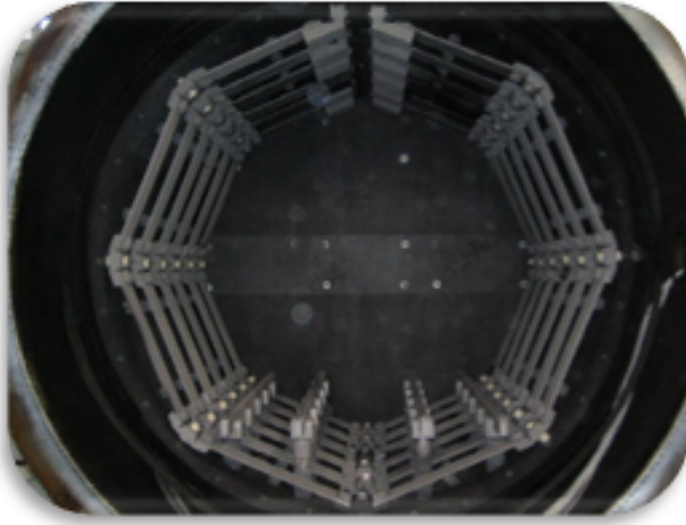
# MANUFACTURING & OEM







## AFTER SALES SERVICE



WE ARE AS THE OFFICIAL DISTRIBUTOR OF IPSEN, NABERTHERM, GASDEN RO, AND KATSURA SEIKI. WITH THESE PARTNERS WE ARE NOT ONLY EQUIPMENT SUPPLIER, BUT WE ALSO CARRY ON THEIR AFTER SALES SERVICE IN THAILAND THROUGH OUR TEAM OF EXPERIENCED ENGINEERS. THE COMPREHENSIVE AFTER SALES SERVICES OFTEN INCLUDES SPARE PART SUPPLY, PARTS INSTALLATION, MAINTENANCE, CLEANING, REPAIR, OVERHAUL AND OTHER SERVICES.



BESIDE FROM THESE WELL KNOWN BRANDS, WE ALSO CATER AFTER SERVICE FOR DIFFERENT TYPES OF FURNACE AND RELATED EQUIPMENT FROM ALL MANUFACTURERS. AT PES, WE WORK ON THE FULL LIFE-CYCLE OF A PROJECT, FROM INCEPTION TO AN ERROR-FREE COMPLETION.





## RETROFIT

WE HAVE THE CAPABILITY FOR RETROFITTING, TROUBLESHOOTING AND PROVIDING SOLUTIONS TO ACHIEVE THE DESIRED SAVING COST, AS WELL AS IMPROVING THE EFFICIENCY OF THE EQUIPMENT FOR ALL TYPES OF FURNACE IN THAILAND AND SOUTH EAST ASIA MARKET. WE PROVIDE HIGHLY EFFICIENT SOLUTIONS THAT DELIVER LONG-TERM RESULTS AND THE BEST VALUE FOR YOUR INVESTMENT.



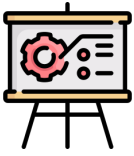
### IOT

THE INTERNET OF THINGS (IOT) IS PROPOSED TO STREAM ONLINE DATA FOR MONITORING OF THE FURNACE PERFORMANCE, THROUGH SENSORS AND PLCs, AND TRANSFERRED TO A CENTRAL SERVER USING REAL-TIME ETHERNET TO BETTER UNDERSTAND THE PROCESS, FAILURE INVESTIGATION AND IDENTIFY IMPROVEMENT POTENTIALS.

### TEMPERATURE UNIFORMITY SYSTEM (TUS)

TEMPERATURE UNIFORMITY IS DEFINED AS THE MAXIMUM TEMPERATURE DEVIATION IN THE WORK SPACE OF THE FURNACE. WE CATER TEMPERATURE UNIFORMITY IN  $\pm$  K IN THE STANDARD FURNACE SET TEMPERATURE WITH THE WORK SPACE OF THE EMPTY FURNACE DURING THE DWELL TIME. THIS TUS OFTEN REQUIRED FOR CERTAIN STANDARD SUCH AS CQI-9, AMS 2705 OR NADCAP.





## OTHER SERVICES



WE HAVE THE CERTIFIED TOOLS AND MACHINES TO COMPLIANT WITH GLOBAL STANDARDS INTENDED TO MITIGATE THE RISKS OF BREAK DOWN, ELECTRIC SHOCK, PERSONAL INJURY AND ENVIRONMENTAL HAZARDS OF CLIENTS' COMPANY.

FURTHERMORE, WE STRIVE TO PROMOTE THE MOST RELIABLE, KNOWLEDGEABLE AND PROFESSIONAL SERVICES IN ALL SERVICES TO IMPROVE UNDERSTANDING OF FURNACES AND PROVIDING A BETTER QUALITY PRODUCT TO THE CUSTOMER.

PES ALSO HAVE TRAINED WELDERS AND ENGINEERS TO OFFER SUPERIOR STEEL ENGINEERING WHO EMBRACE CHALLENGES AND COMMITTED TO QUALITY AND CUSTOMER SERVICE.





# ON-SITE SAFETY

	<b>Prolific Engineering &amp; Service</b>	
บริษัท โพรลิดิค เอ็นจิเนียริ่ง แอนด์ เซอร์วิส จำกัด 11/11 หมู่ 11 ตำบล ราชานนท์ อำเภอ บางพลี จังหวัด สมุทรปราการ 10540 Tel. 0-		
<b>JOB NAME :</b> ชื่อโครงการ		
<b>CUSTOMER NAME :</b> ชื่อลูกค้า		
<b>RESPONSIBLE Person :</b> _____		<b>Phone no. :</b> _____
ผู้รับผิดชอบพื้นที่		เบอร์
<b>Start Date :</b> _____		<b>Finish Date :</b> _____
วันที่เริ่มงาน		วันส่งมอบ
<b>MANDATORY PERSONAL PROTECTIVE EQUIPMENT</b> เขตบังคับสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล		
		

SAFETY IS ONE OF THE TOP PRIORITY THAT WE STRICTLY IMPLEMENT IN OUR WORK. THEREFORE WE ALWAYS HOLD THE PRINCIPLE OF SAFETY FIRST



General Work



Dusty work Protection



Dusty work Protection



Welding Work



Scaffolding Inspector



Scaffolding Inspector



# CERTIFICATE

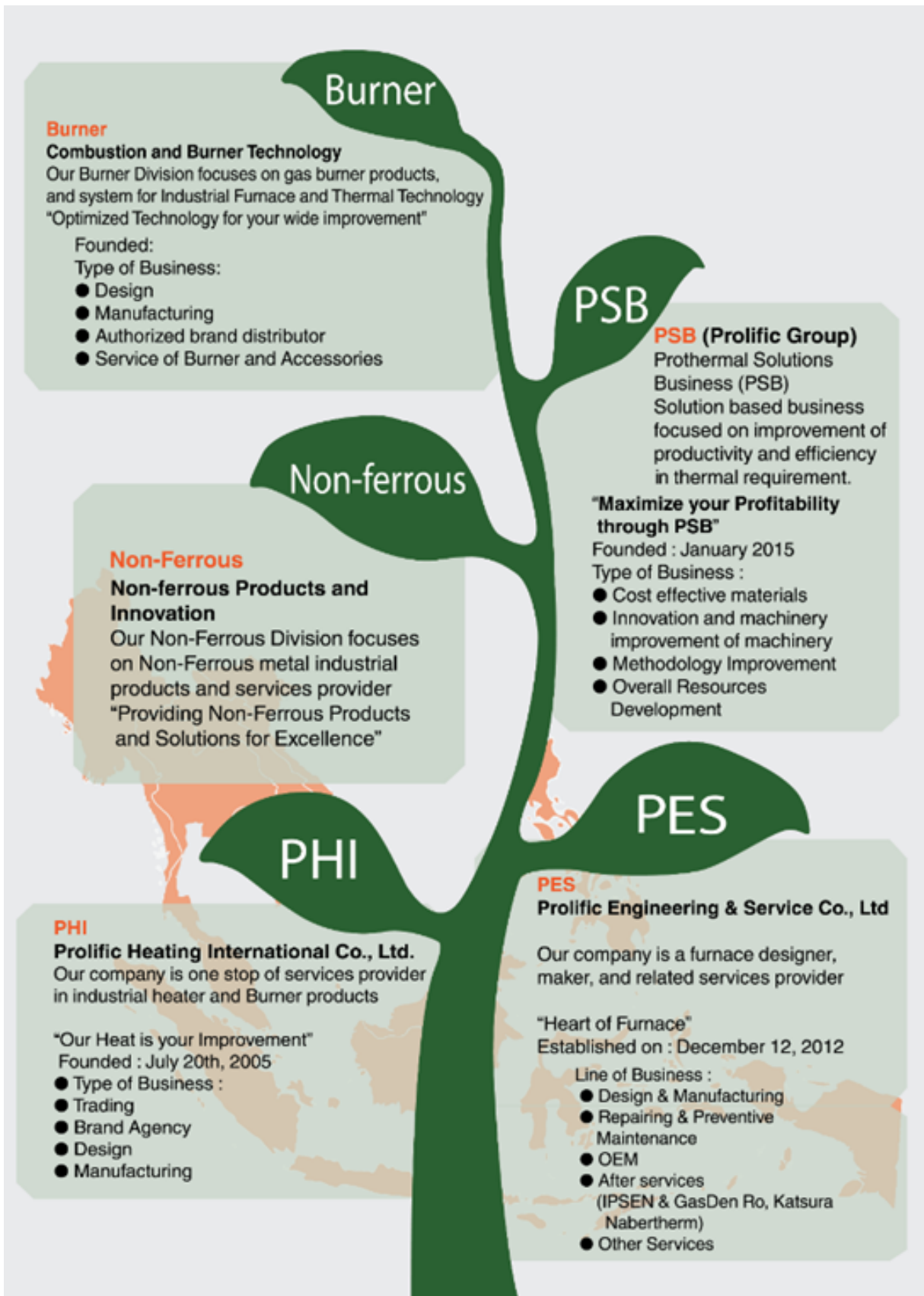


QUALITY PERFORMANCE
EXPERTISE
PROFESSIONALISM





## ABOUT US



# CONTACT US



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Management  
System  
ISO 9001:2015

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FOR ALL INFORMATION