


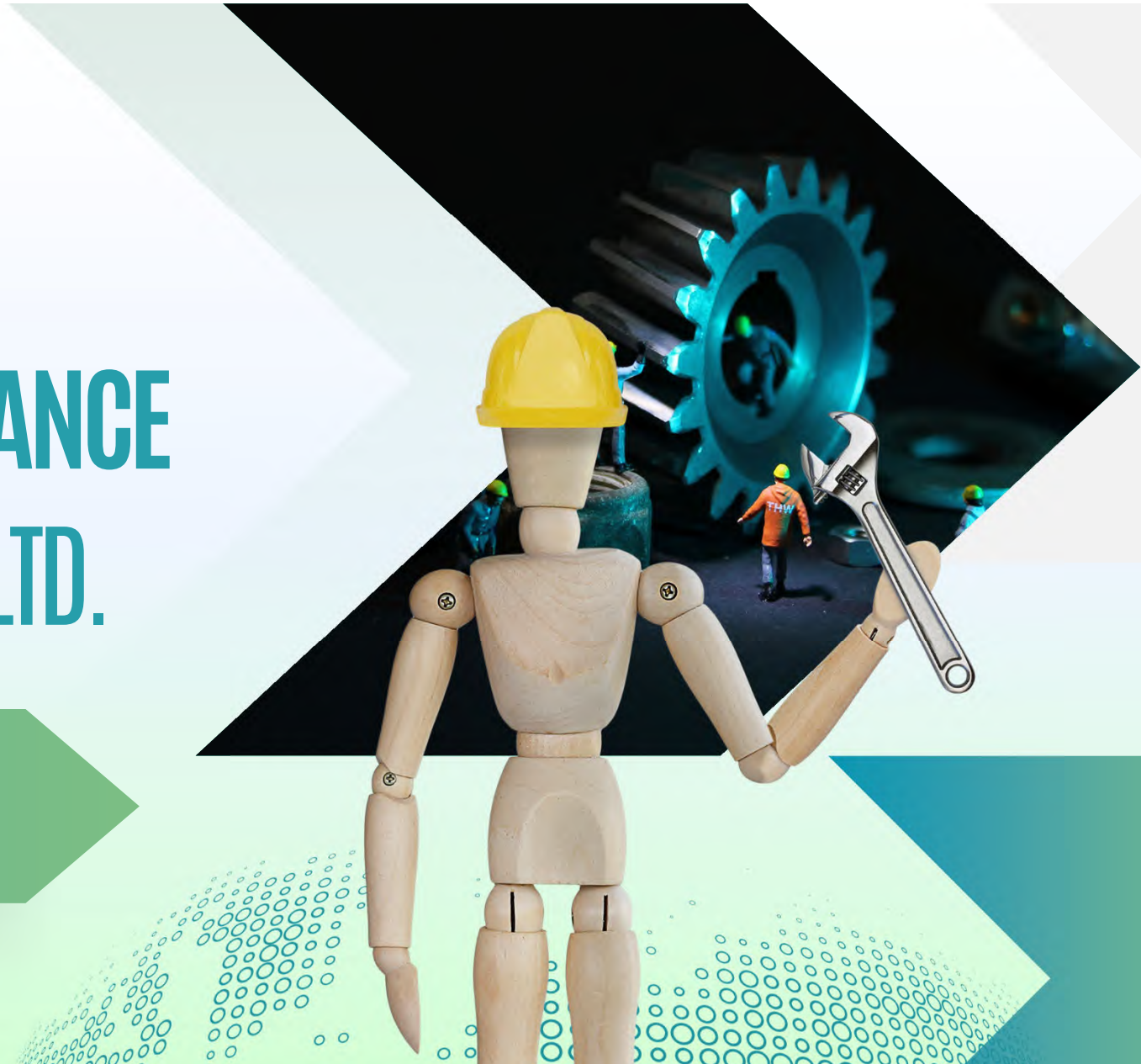


**COMPANY PROFILE**

# **RAYONG MAINTENANCE CORPORATION CO.,LTD.**

**Leader in machine maintenance  
services with predictive analysis for  
rotating equipment**

 RAYONG MAINTENANCE CORPORATION CO.,LTD.  
4/122 Sukhumvit rd. t. noen-phra a. muang, rayong 21000 Tel. 081-8289092



# Company overview



## **Rayong Maintenance Corporation Co., Ltd.,**

We are leader in servicing and maintenance, machinery inspection, corrective maintenance (CM), preventive maintenance (PM), maintenance according to condition (CBM), for rotating equipment such as motor, centrifugal pump, blower, gear box, agitator , mechanical seal recondition, Laser alignment, field balance, dynamic balance, vibration analysis, overhaul and repair.

We are trusted by the customer in efficiency, precision and fast delivery which help to reduce down time and production costs with experienced people, proper equipment and technology.

Our commitment is to serve all customer needs with quality, sincerity, and responsibility.



# ISO 9001:2015 CERTIFICATE



# Our location



## Contact

RAYONG MAINTENANCE CORPORATION CO., LTD  
Tel: 081-8289092/office 038-029210



# OURCUSTOMERS

**UBE**

**AGC**  
AGC VINYTHAI

 **GULF**

 **SCGC**

 **IRPC**

**RMC**





# OUR Partners



**RAN**  
GROUP

**ADS**  
Sales and Service

**G NTECH**  
ENGINEERING TECHNOLOGY  
MAINTENANCE SERVICE

**ILLTEC ENGINEERING**



*Mechanical Seals  
ODM Service Provider*



## MECHANICAL SEALS

Catalog Seals made for huge ranges of equipments's sealing solution, and delivery in short time.



## ENGINEERING SEALS

Engineering Seals can be more advanced and suitable for your equipments and to take more chances in spare part after market.



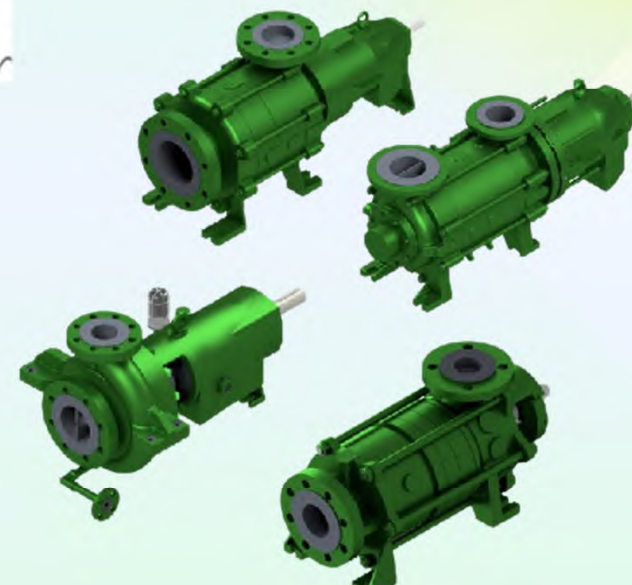
## COMPONENT SEALS

Economical seal solution plan for different industries like marine, food, wastewater and so on.



## SEAL SUPPORT SYSTEM

To make sure our seals work in a good environment and longer lifetime and keep the equipment running more safely.



**DICKOW PUMPEN**



# OUR SERVICES

## OUR SERVICES

We offer comprehensive industrial maintenance, repair, and engineering solutions, ensuring optimal machine performance, reliability, and longevity. Our services include:

### Mechanical Seal Reconditioning and Installation

Mechanical seal recondition and installation including failure analysis and proper solution for both mechanical seal and support system

### Analysis and Troubleshooting

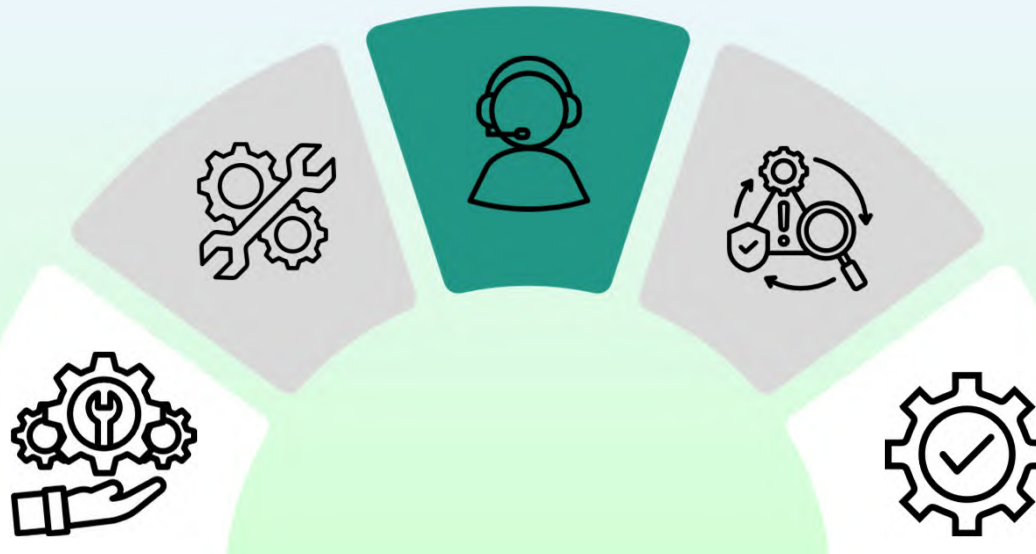
Analysist and trouble shooting in-depth problem solving using engineering principles such as CFD, Flow Analysis, Structure Analysis ETC.

### Maintenance Service

Maintenance service, checking the condition according to the machine cycle, PM, CBM, Overhaul works such as bearing replacement, Mechanical seal replacement, Gasket, lubrication including commissioning and monitoring.

### Repair and Corrective Maintenance

Repair work, change spare parts of machinery as well as re-engineering spare part to improve machine performance and increase reliability.





# OUR SERVICES

## OUR SERVICES

We offer comprehensive industrial maintenance, repair, and engineering solutions, ensuring optimal machine performance, reliability, and longevity. Our services include:

## Alignment & Balancing Services

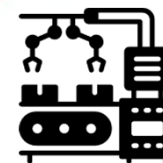
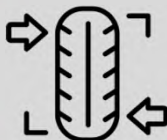
Alignment services, filed balance, dynamic balance, both Shop and On Site, such as blower fan, ID Fan, PA Fan, Compressor, Roller Mill etc.

## Blasting, Coating, and Painting for Structures

Blasting and Coating Service, Lining And External Surface Painting work for chemical storage tanks, structures, gas pipelines, structures from small to large sizes.

## Machine Vibration Analysis

Machine vibration analysis using modern tools from the top brand to check the machine condition without stopping the machine.

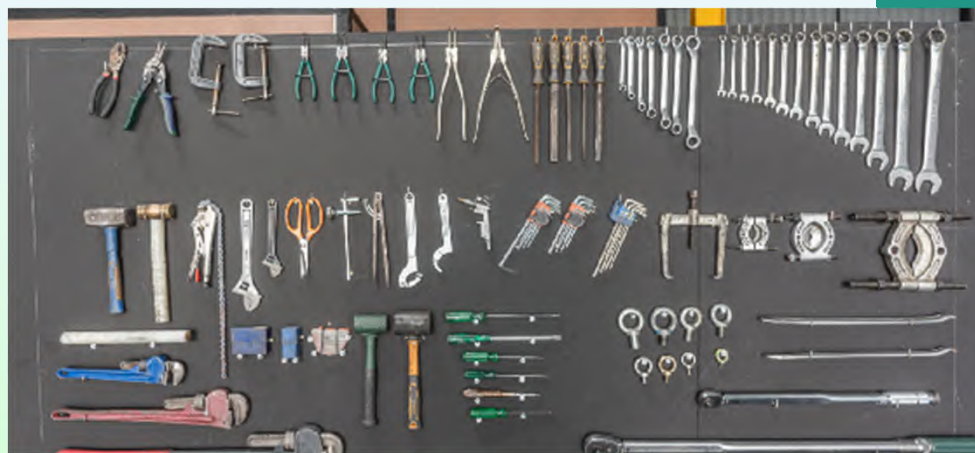


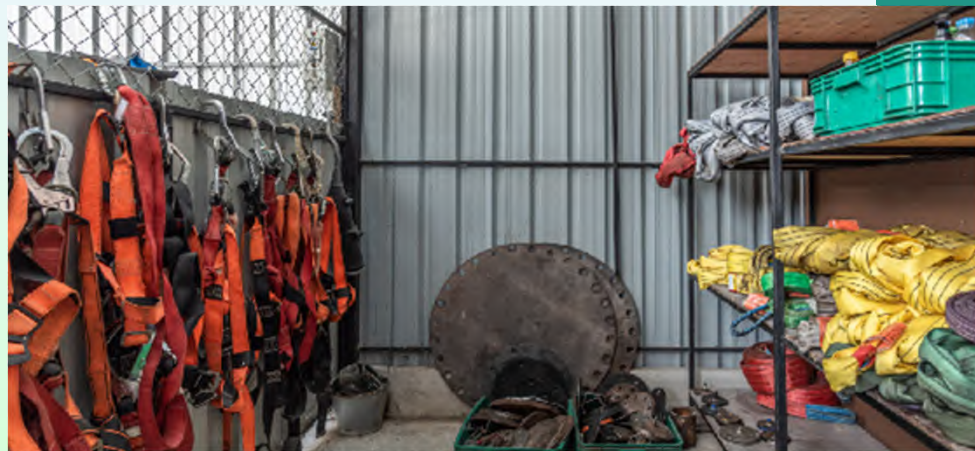
# Work shop and facilities









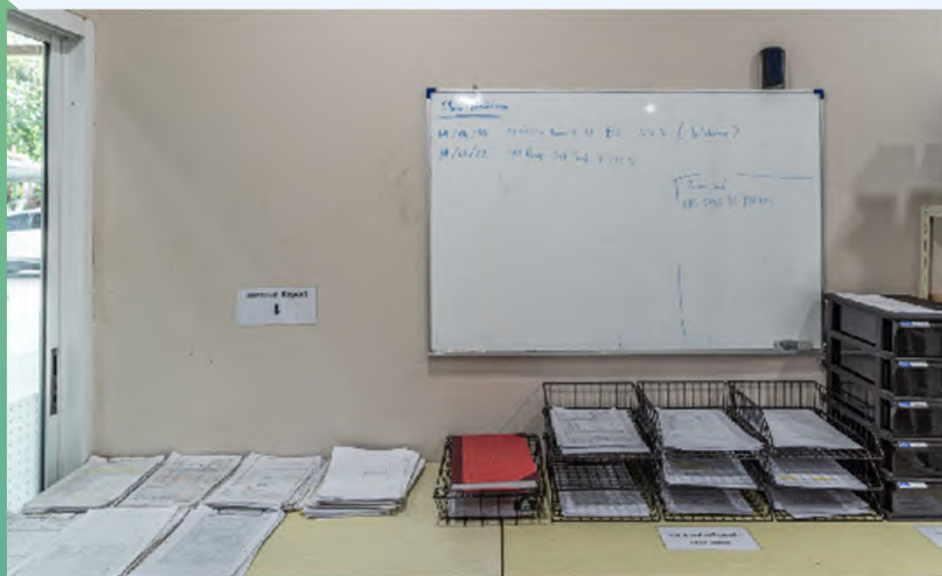










Daily plan						
No.	Customer	Star Date	Finish date	Tag	Job	Description
1	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
2	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
3	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
4	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
5	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
6	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
7	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
8	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
9	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
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15	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
16	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
17	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
18	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
19	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail
20	SC	1/10/21	11/10/21	11/10/21	SC 1000-1000-1000	Detail








## สถิติความปลอดภัย

## SAFETY FIRST



เกิดอุบัติเหตุครั้งสุดท้ายเมื่อ

LAST ACCIDENT OCCURRED

ทำงานมาแล้ว

HAVE OPERATED

334

วัน เป้าหมาย

DAYS TARGET

365

วัน

เคยมีจำนวนวันสูงสุดที่ไม่มีอุบัติเหตุถึงขั้นหยุดงาน

BEST RECORD

00

วัน





# Our experiences



# OUR EXPERIENCES AND SERVICES CAPABILITIES



1

## Core Expertise



**We are spacialist in pump overhaul and field services.**

2

## Customer Support



**7/24/365 supports customer for any calls.**

3

## Location Advantage



**Our workshop is located in Rayong area, faster response and support.**

4

## Work Ethic



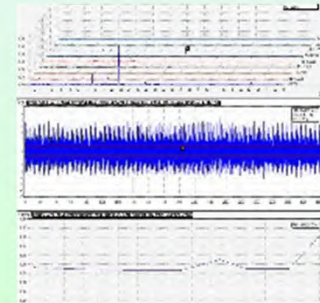
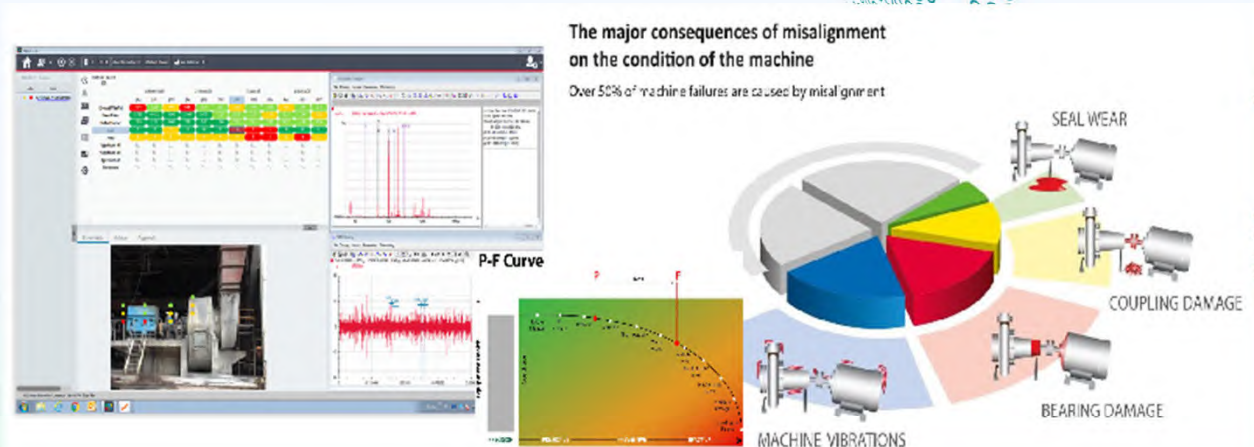
**We work with sincerity, solve problems untill complete, never leave the problem works.**

1

# Our Experience



FIELD BALANCE ON SITE SERVICES GLOW SPP1 RAYONG

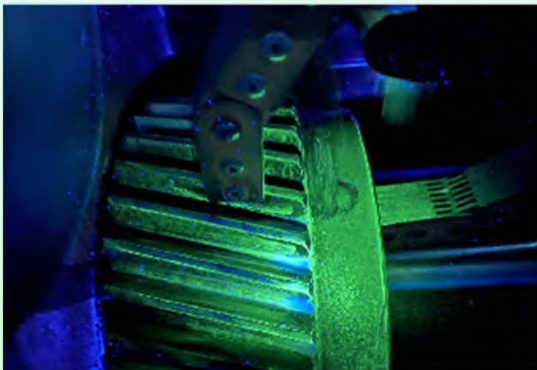
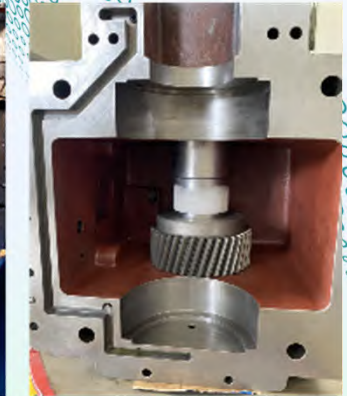


2

# Our Experience



OVERHAUL GEAR BOX SERVICES  
OVERHAUL GEAR SCREW EXTRUDER



3

# Our Experience



OVERHAUL GEAR SCREW EXTRUDER IRPC

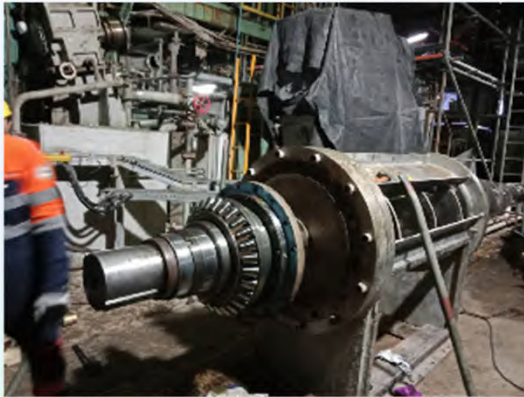


# 4

# Our Experience



## OVERHAUL GEAR SCREW EXTRUDER UBE



5

# Our Experience



OVERHAUL AND INSTALLATION SERVICES  
GEAR BOX COOLING TOWER GULF POWER GENERATION

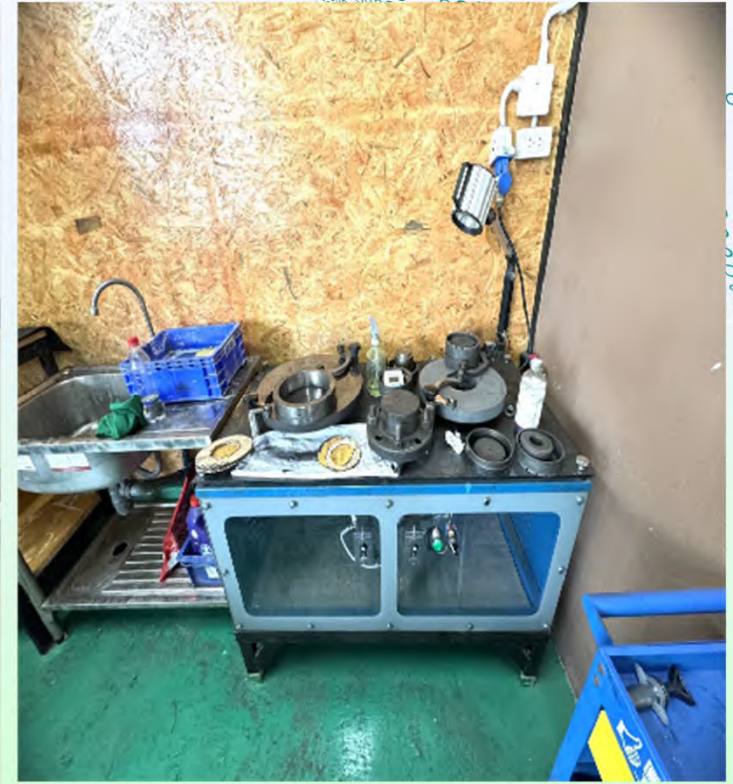
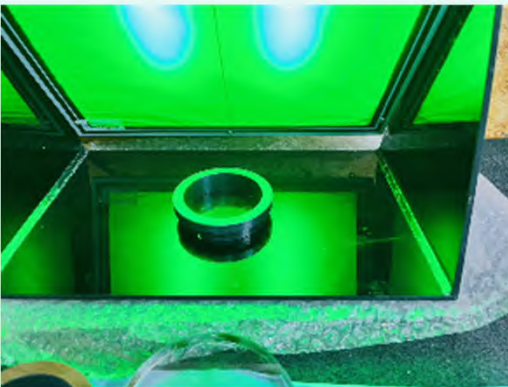


6

# Our Experience



OVERHAUL, repair, INSTALLATION and  
Mechanical seal Recondition



7

# Our Experience



OVERHAUL AND INSTALLATION of Id fan power plant



8

# Our Experience



Pm and inspection SERVICES

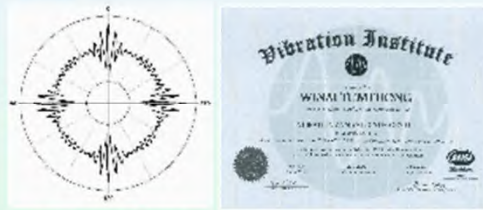


# 9

# Our Experience



## Vibration analysis on site for rotating machine

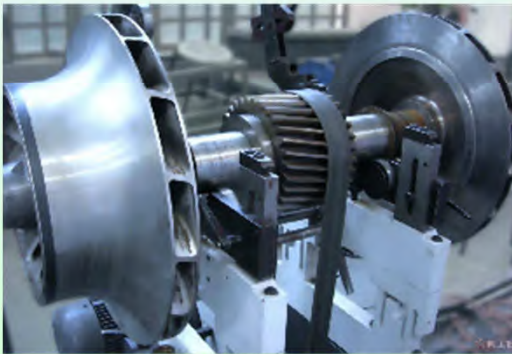


10

# Our Experience



OVERHAUL vertical ,centrifugal pump  
SERVICES vacuum pump canned pump

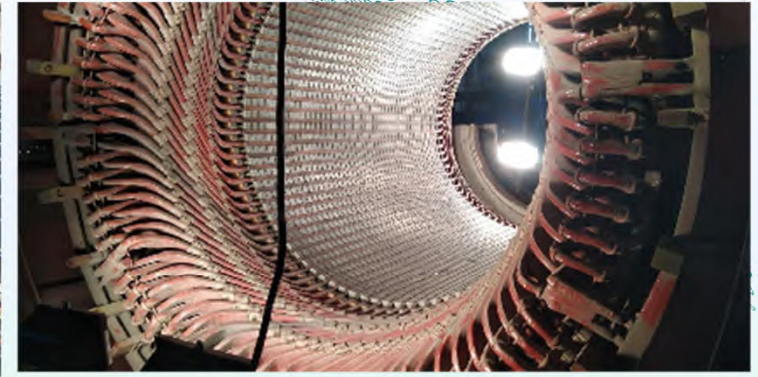
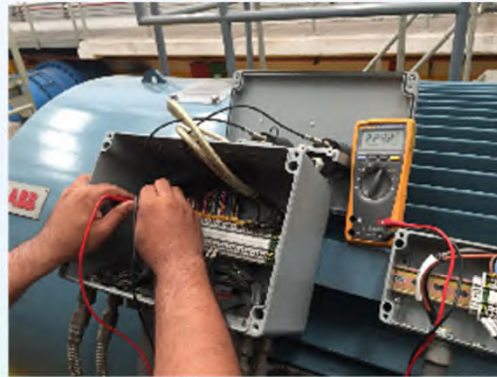
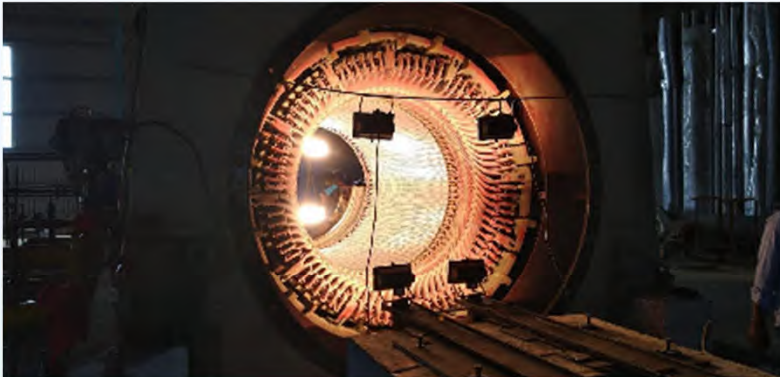


11

# Our Experience



Overhaul and rewind ac motor



# 12

## Our Experience



Revers engineering parts

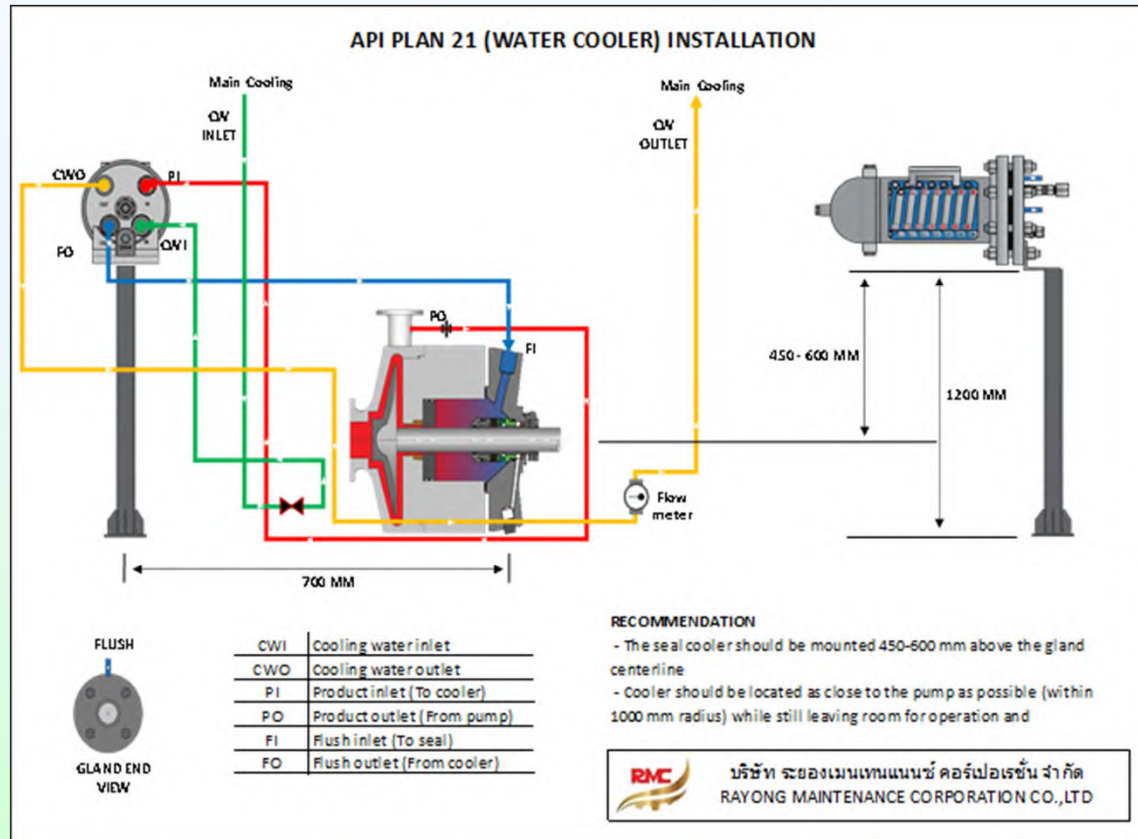
- Shaft sleeve
- Pump shaft
- Pump Impeller wear rings
- Gear
- ETC.



RMC



## Mechanical seal support system installation including tubing work



# Our Experience



## Mechanical seal recondition



### MECHANICAL SEAL RECONDITION

- EVERY BRAND AND TYPE
- ACCORDING TO API 682 4TH EDITION
- FAILURE ANALYSIS WITH RECOMMENDATION
- RE-ENGINEERING PARTS
- INCLUDING SEAL SUPPORT SYSTEM

MECHANICAL SEAL REPORT

Client	Ref
Device Type	Level of Damage
Use Method	Ref
Working	Ref
Checked	Ref

Other Comments:

Prepared with: Working Ref

ASSEMBLY PICTURE

Top Seal Body Ref

Bottom Seal Body Ref

Assembled

Disassembled

Photo with new Tapered Seal

Photo

United Kingdom

100% Assembly to Invoice

MECHANICAL SEAL REPORT

Failure Analysis

CONDITION DURING DISASSEMBLY

Top Seal Body Ref

Bottom Seal Body Ref

Level of Damage
 Ref || Use Method | Ref |
| Working | Ref |
| Checked | Ref |

Other Comments:

Prepared with: Working Ref

ASSEMBLY PICTURE

Top Seal Body Ref

Bottom Seal Body Ref

Assembled

Disassembled

Photo with new Tapered Seal

Photo

United Kingdom

100% Assembly to Invoice



15

# Our Experience

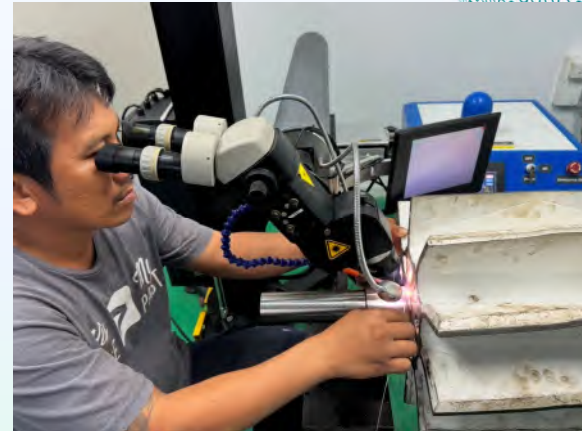


## LASER WELDING REPAIR

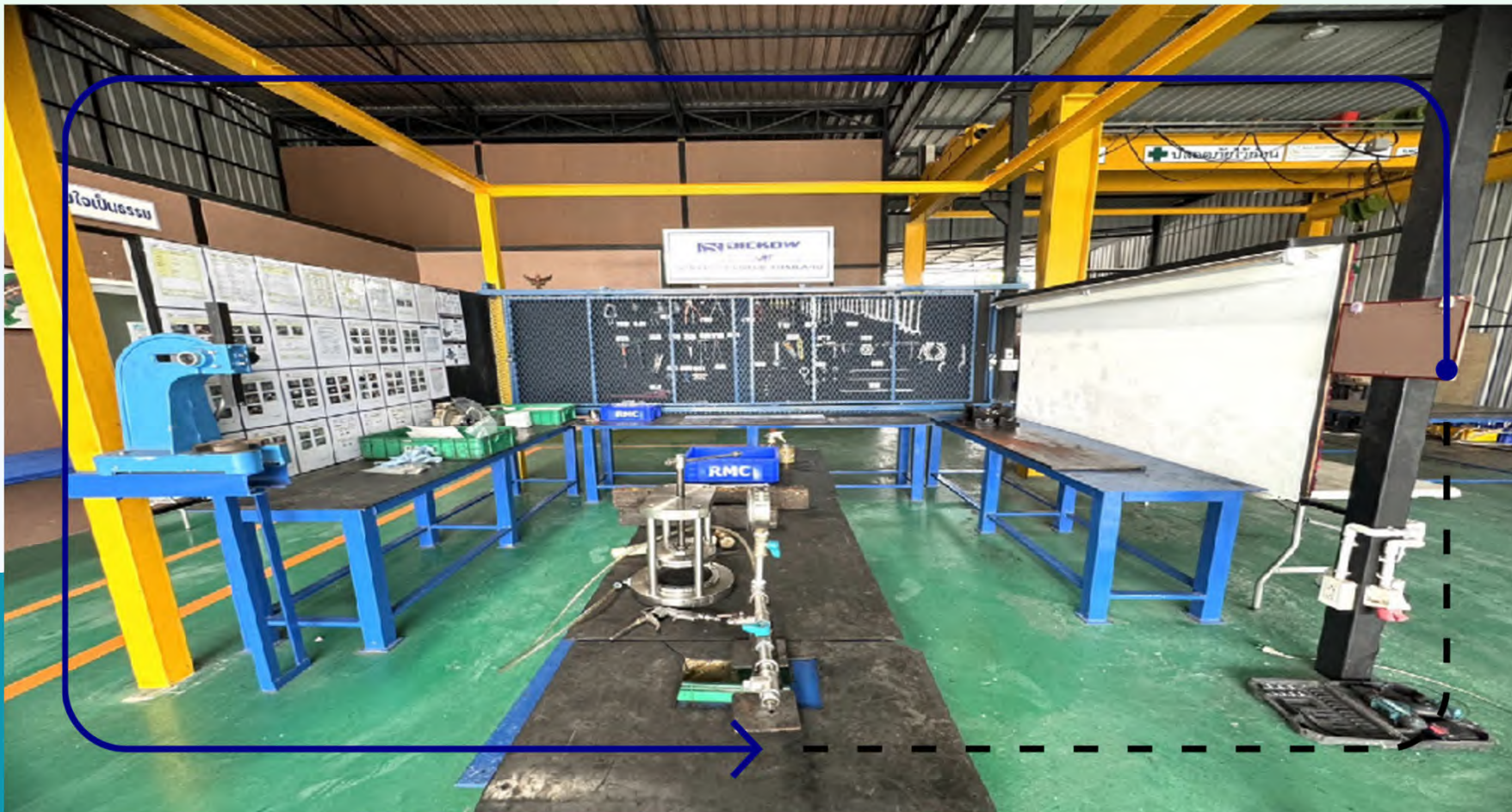


### LASER WELDING REPAIR

- REPAIR SHAFT
- REPAIR HOUSING BEARING
- REPAIR IMPELLER



# DICKOW SERVICE CENTER



# DICKOW ACADEMY



# DICKOW CERTIFICATE TRAINING



## Certificate of Attendance

**Mr. Kowit Khawthong**  
Techtronic Thailand

has successfully completed the Best-Practice-Workshop Magnetic-Coupled-Pumps and Mechanical seal Pumps on 10<sup>th</sup> until 14<sup>th</sup> of April 2023 at Dickow Pumpen GmbH & Co. KG, Welschlaiburg.

### Topics:

- Basic theory and practical use of magnetic coupled pumps like centrifugal, multistage and side channel pumps
- Application area and operational behaviour of centrifugal and side channel pumps
- Installation options and practical advice for commissioning
- Principles of monitoring possibilities
- Determine causes for failure, damage analysis and valuation
- Practical demonstration on different pump types
- Dismounting and assembling of magnetic coupled pumps

We would like to wish you a successful use of the achieved knowledge.

Welschlaiburg, 14<sup>th</sup> of April 2023

  
Markus Kraft, Technical After-Sales

  
Alexander Hammer, Chief Sales Officer

# DICKOW PUMP OVERHAUL



# DICKOW API 610 CENTRIFUGAL PUMP





# Thank You So Much For Your Attention

*Contact Us for More Information*

**081-8289092**



**4/122 Sukhumvit rd. t. noen-phra a. muang, rayong 21000**

