



JETRO

**Business Catalogue
of
Environmental
Products and Services
by Japanese Companies
in Indonesia**

- 4th Edition -

2025 March

**Japan External Trade Organization (JETRO)
Jakarta**

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I. Product

1. Water

1.1. Water

- Kurita Zeta Ace[®], S.Sensing CS Technology. (PT. Kurita Indonesia)
- DEMIN WATER SYSTEM (PT. NCE INDONESIA)
- Water Purification System. (PT. Panasonic Gobel Indonesia)
- High-performance Pure Water Production System. (PT. Lautan Organo Water)
- Water Softener. (PT. Panasonic Gobel Indonesia)
- Innovating Membrane Techonology. (PT. Toray International Indonesia)
- High Quality Online Analyzer for Drinking Water Treatment. (PT. Horiba Indonesia)

Kurita Zeta Ace®

"An alternative inorganic Coagulant"

S.Sensing CS Technology

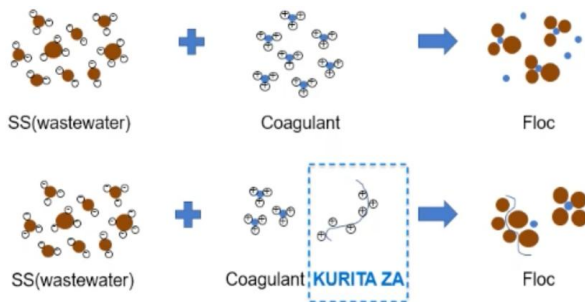
"Advance coagulant dosage control technology"



PT. Kurita Indonesia

Kurita ZETA ACE®

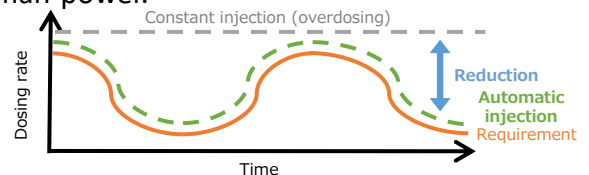
Common inorganic coagulant require neutralizer and generate large amount of sludge, Applying ZA alternative coagulant achieve reducing total cost of water or wastewater system with better performance than common inorganic coagulant.



S.Sensing CS Technology

The purpose is to optimize the coagulant consumption and to stabilize the water quality by the automatic control by S. Sensing CS.

S. Sensing CS is a chemical injection monitoring system which controls the coagulant consumption automatically so that treated water turbidity achieves the targeted value with optimal coagulant dosage and less man-power.



Optimize
Coagulant
Consumption



Less pH Adjuster
as neutralizer



Less Inorganic
Sludge
Generation



Stabilize effluent
wastewater
quality



Better safety for
operation



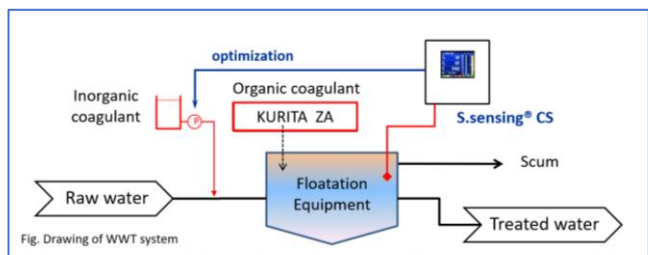
Increase
productivity

ZETA ACE®



PT.Kurita Indonesia

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Kawasan Industri Jababeka Cikarang - Bekasi
17530 Jawa Barat – Indonesia
Contact: Akito Yanai (Mr.)
+628119848866
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DEMIN WATER SYSTEM

PT. NCE INDONESIA

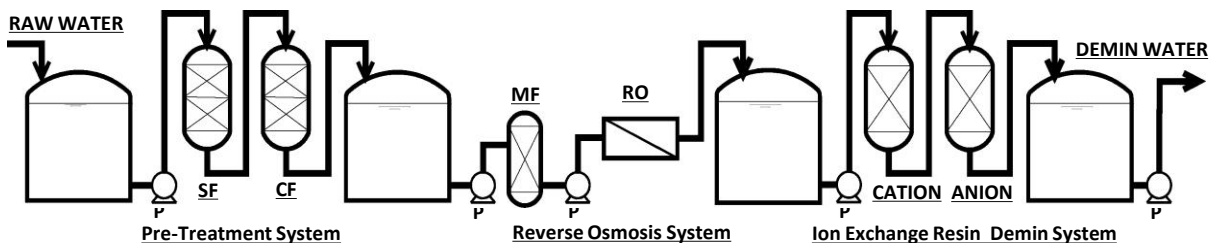
For Clean Water and Blue Sky

Water Purification, Wastewater Treatment and Gas Treatment.

1. Preview :

There are several water sources, but in generally there are 2 kind of water sources, surface water sources and ground water sources. Where before use it must be processed first according to its needs and use. Some of the clean water treatment processes that we can carry out include the Filtration Process, Reverse Osmosis System and Water Demineralized System by using ion exchange resin.

2. Block flow (Example) :



3. Achievement and Experience :

1. Auto Mobile Manufacture.
2. Pharmaceutical Industries
3. Food and Beverage Industries
4. Electronic Industries
5. Textile Industries
6. Petrochemical Industries



4. Our Services :

1. Engineering, Purchasing and Construction.
2. Construction Work, Fabrication/Manufacture and Installation for the above equipment.
3. Consultant and Contract Service Maintenance and Spare part Supply.



Our Contact and for more Information :

PT. NCE INDONESIA

Menara Cakrawala Bldg at 6th Floor, Jl. MH Thamrin No. 9, Jakarta 10340, Indonesia

Tel : 021-3901409 / Fax : 021 3901427

Email : tsuji.nce@cbn.net.id (Tsuji(Mr.)) / bambang.nce@cbn.net.id (Bambang(Mr.))

Water purification system

The turbid water is purified
and supplied to the house as clean domestic water.

PT. Panasonic Gobel Indonesia



FP-15AM1

Overwhelming purification performance

You can use clean water throughout your house.

Turbidity removal

turbidity: $\geq 95\%$
Iron: $\geq 95\%$

Sterilization

E. coli: 99.9%

Deodorant

Metallic smell
Rotten egg smell

Comfortable life with clean water



Gentle on the skin

No coloring of laundry

Safe to wash foods

Contact point:

PT. Panasonic Gobel Indonesia
JL.Dewi Sartika No.14 (Cawang II),
Jakarta 13630 Indonesia
PIC: Fujita
hirofumi.fujita@id.panasonic.com

Instagram



IDWATERPURIFICATIONSYSTEM

Tiktok



@idpanasoniciaqs
olution

WhatsApp



High-performance pure water production system STRATA-GX

PT. Lautan Organo Water



PT LAUTAN ORGANO WATER

Products & Services Outline

- PT Lautan Organo Water is a joint venture company between Organo Corporation (Japan) – 51% shares & PT Lautan Luas, Tbk. (Indonesia) – 49% shares.
- We are a water solution provider by offering tailor-made design to meet our customer's requirement. We utilize Organo Japan's Design & Technology. Our scope covers **Water Treatment Plant** from clean water to pure water products, then the **Wastewater Treatment Plant** treats waste water to comply with the quality standards of wastewater before being discharged into the environment, as well as the **Water Recycling System** which treats wastewater into ready-to-use water.

Project Reference - Strata-GX

Strata-GX as an advanced Demin system designed by Organo Japan. Strata-GX consists of a cation exchanger tower, degasifier, and anion exchanger tower. Where each exchanger tower has both strong and weak resin to maximize the exchange ions in the water.

➤ Save chemical – ECO , Short-time regeneration [approx.60min]

Resin flow is eliminated during chemicals injections by unique tower structure. It can achieve the reduction of regenerative drain water without backwash/settling.

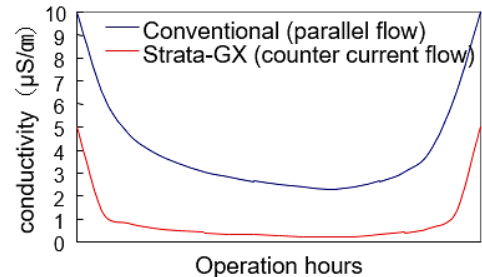
By performing the "chemical regeneration process and the "backwash" process in an upward flow, we have increased the resin regeneration efficiency and achieved a reduction in total regeneration time of approximately 30 minutes compared to conventional products.

➤ Install reference

Strata-GX for Steel Galvanizing industry in Bekasi, established since 2015 and performing very well until present. It constantly achieves $< 2 \mu\text{S}/\text{cm}$ of product water by exchanging ions from industrial water with conductivity $350 \mu\text{S}/\text{cm}$.

Strata-GX's Features:

Performance	Value
Small volume of resin & regenerant	OPEX saving, Less wastewater qty
Low conductivity	More stable demin product quality



Regeneration Time Comparison



Strata-GX Photo Reference:



CONTACT US

 PIC : Agustina Evania Dewi
 E-mail : agustina.evania@lautanorganowater.com
 Phone Call : [office] +62-21-2994-0900 [mobile] +62-851-5680-2620
www.lautanorganowater.com

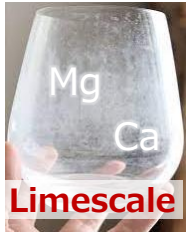
Water softener

Most of the water in Indonesia is hard water.

Soft water with reduced calcium and magnesium is supplied to the house.

PT. Panasonic Gobel Indonesia

Problems caused by hard water (high Iron, high Magnesium)



Hair damage



**Calcium (Ca),
magnesium
(Mg) should
be removed**

Water Softener



FP-RS10U1C
(will be Released
in Aug. 2024)

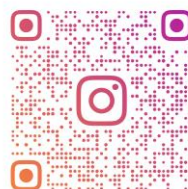
**Installation: Turbid water can also be softened by a combination
of our water purification system and water softener.**



Contact point:

PT. Panasonic Gobel Indonesia
JL.Dewi Sartika No.14 (Cawang II),
Jakarta 13630 Indonesia
PIC: Fujita
hirofumi.fujita@id.panasonic.com

Instagram



IDWATERPURIFICATIONSYSTEM

Tiktok



@idpanasoniciaqs
olution

WhatsApp




PT. Toray International Indonesia


Products • Services Outline

Innovating Membrane Technologies that Drive Sustainability

www.water.toray




Flat-sheet PVDF MBR



TIPS PVDF UF



High performance RO/NF



ROPUR RPI™ Antiscalant

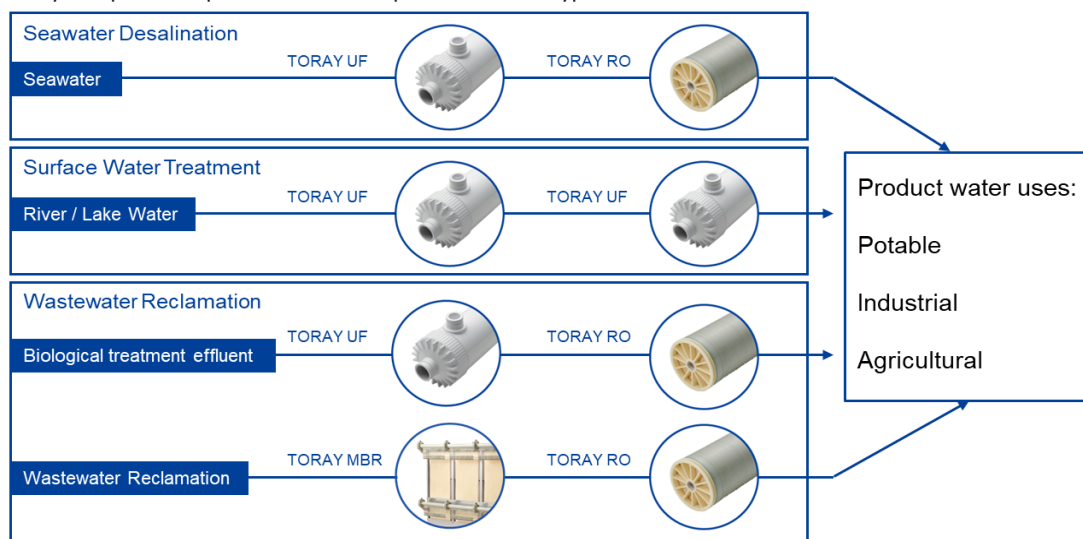


CSM™ Residential RO

RO, NF, UF, MBR, ANTISCALANTS

TORAY
Innovation by Chemistry

Toray can provide optimal membrane products for all type of raw water.



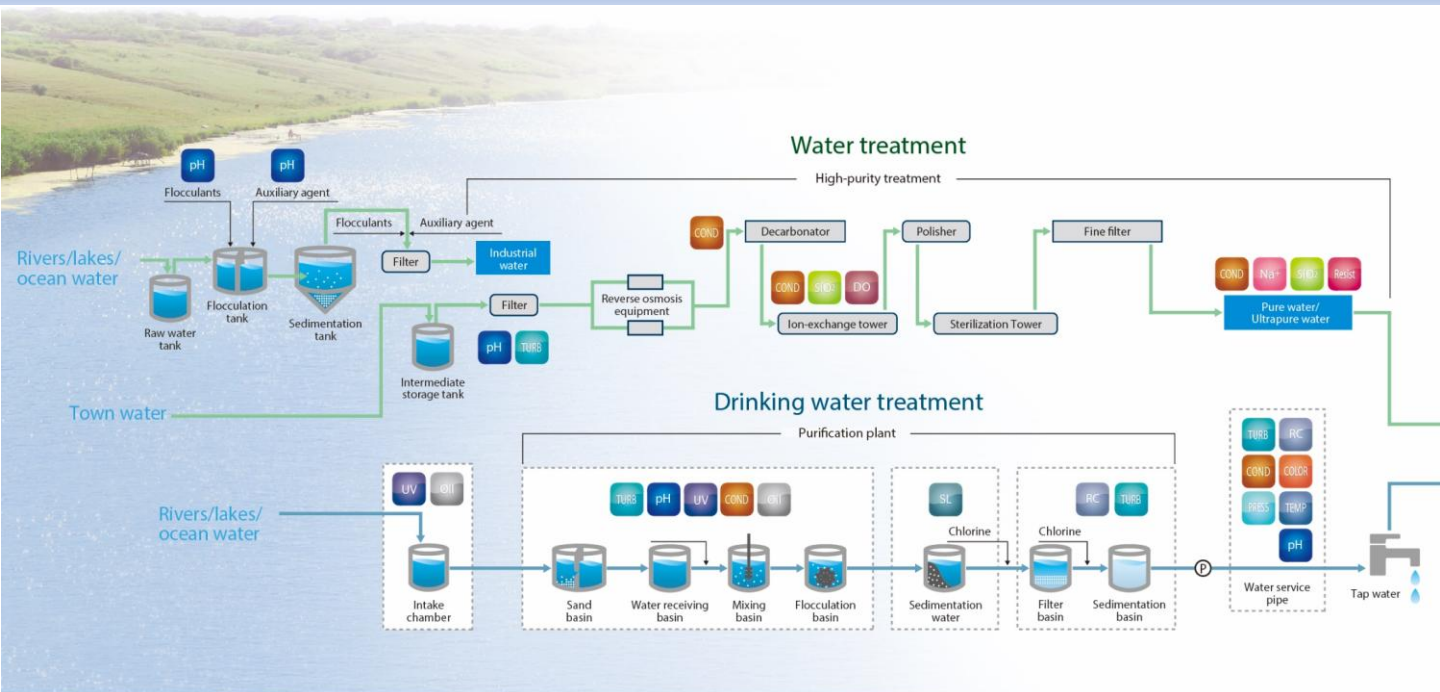
Contact point:

- Mr. David Suwu : david.suwu.b7@mail.toray / +6281380306975
- Mr. Wahyu Rahardjo : wahyu.rahardjo.b7@mail.toray / +6281113905554
- Website : <https://www.water.toray/>

High Quality Online Analyzer for Drinking Water Treatment

PT. HORIBA INDONESIA

HORIBA



H-1 series

Field installation type
High robustness



48 series

Panel mount type



EL200

Multi-Channel
Water Controller



UV300/UV500

Online Water
UV analyser



TW-150

Water distribution
monitor



Self-Cleaning pH Electrode

World's 1st release

Our strengths

- Low TCO by product robustness
- Premium support by local engineers
- Over 100 units installation in >10 sites

Reference site

- Jakarta, Surabaya, Bandung, Batam, Palu, etc

PT HORIBA INDONESIA

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Panunggan Tim., Kec. Pinang, Kota Tangerang, Banten 15144
PIC: Arif Satrio (WA 0823-1127-5126, arif.satrio@horiba.com)



PIC WA



Website

1.2. Sewerage / Wastewater

- Energy Recovery from Factory Wastewater through Energy-Saving WWT System. (AIKEN KAKOKI K.K.)
- Packaged Wastewater Treatment Plant. (PT. DAIKI AXIS INDONESIA)
- Multi-functional Chemical for Reverse Osmosis System. (PT. KURITA INDONESIA)
- WASTEWATER TREATMENT (PT. NCE INDONESIA)
- HIGH EFFICIENCY MOVING BED BIO REACTOR ACTICONTACT. (PT. Lautan Organo Water)
- Sludge Drying. (PT. GIKOKO KOGYO INDONESIA)
- Energy Consumption Reducing by NH₄ & DO Monitoring. (PT. Horiba Indonesia)
- High Quality Online Analyzer for Wastewater Treatment. (PT. Horiba Indonesia)

Energy Recovery from Factory Wastewater through Energy-Saving WWT System

-Water Pollution and the Utilization of Energy from Unused Prevention of Biomass Resources -

AIKEN KAKOKI K.K.

Product and Service Outline

- Demand in Palm Oil Industry
The palm oil industry and the dyeing industry, which are Indonesia's major industries, mainly treat their factory wastewater in open treatment ponds. In addition to water pollution, the release of biogas into the atmosphere is an issue.
- Proposed Product and Technology
Targeting the food and chemical industries such as palm oil factories and dyeing factories, the organic wastewater from these factories will be treated with high efficiency. Meanwhile, biogas and biofuel generated from the treatment process are recovered and used to prevent water pollution, reduce GHG emissions and contribute to the return on investment.
- Expected Result
A stable treatment for industrial wastewater and prevention on the release of biogas into the atmosphere. The use of recovered energy (biogas and biofuel) as fuel for generators and boilers will promote the decarbonization of factories and create economic benefits.

Achievements

- Approximately 20 years of development and commercialization, and more than 20 units installed.
- Other than palm oil industry, the technology is installed in the general food industry (beverages, agriculture product processing, seafood processing, dairy products, confectionery, seasonings, fermented products, etc.) and general chemical industry (dyeing, textiles, daily necessities, bioethanol, etc.).

Examples

- Agricultural Product Processing Plant
Prior to the installation, the operation costs on water treatment were 150 million yen/year. After the installation, it generated profit 35 million yen. There is an economic effect around 200 million yen annually, resulting the investment value recovered within ±3 years. In addition, more than 2,000 t-CO₂ GHG reduction has been achieved per year.
- Textile Factory
Prior to the installation, the operation costs were about 100 million yen/year, after the installation, the factory earn additional profit at 10 million yen, and resulting in an economic effect of more than 100 million yen/year.
- Palm Oil Industry
From April 2023, as a JICA project, we are planning to install the equipment at the state-owned palm oil factory (PTPN5) in Riau.

【Example Cases (Japan)】

Vol.	COD	Electricity Generation	Industry
m ³ /d	Influent	kWh/d	
1,000	6,000	5,760	Agriculture Product
1,000	8,000	8,120	Textile
650	4,300	2,817	Food

Granular sludge



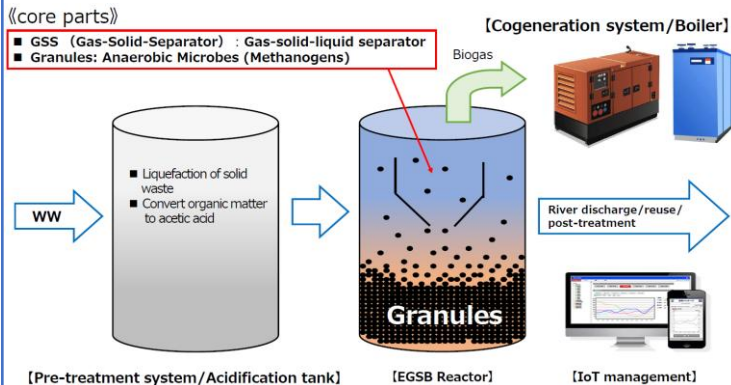
Biofuel



EGSB WWTP (2.6Φx15H)



Energy recovery from WW (Net zero energy type WWTS)



Contact Point

Aiken Indonesia Representative

- Mr. Syaikhul Muqorrobin (English and Bahasa Indonesia support) : Phone number : +62-878-7734-8486
- Yoshihiro Iwata (Japanese • English) : y.iwata@aiken-h2o.com

Packaged Wastewater Treatment Plant

Protect the environment and Change the future

PT. DAIKI AXIS INDONESIA (Water treatment manufacturer)

SALES POINTS OF JOHKASOU STP

○ SAVE ENERGY COST

Compared with conventional sewage treatment plant, Johkasou requires only 50% less energy.

○ NO NEED RESIDENT OPERATOR

Unlike conventional wastewater treatment systems, Johkasou do not require an operator to constantly monitor them. Labor costs associated with Johkasou management can also be reduced.

○ GOVERNMENT CERTIFICATION PRODUCT

Our product's ability and structure have been certified by the Japanese Government. Overseas factory has facilities fitted with the same equipment as those in Japan, therefore we can provide Japanese quality products.

○ ADVANCED TREATMENT PERFORMANCE

Johkasou has the circulation system and makes it possible to repeat nitrification and denitrification process. This provides the advanced treatment for the wastewater. The key point of the process is to repeat "Nitrification" and "De-nitrification" continuously in succession.

○ EASY TO INSTALL

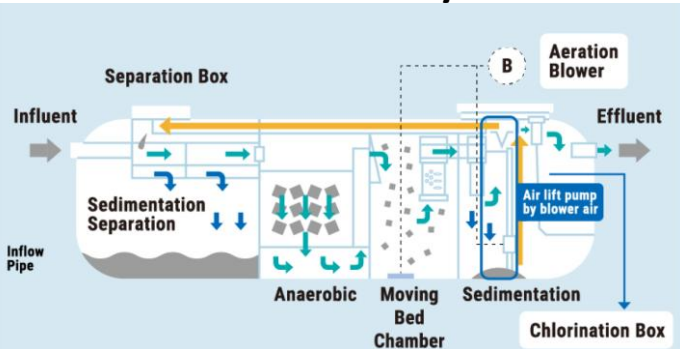
Just connect inlet/outlet pipes and electric cables!

○ EASY MAINTENANCE

The structure of the Johkasou is simple, and its equipment is user-friendly. Therefore, it is easy for operation & maintenance.



Flow for the treatment system



Construction Camp (IRAQ) 3600KL/Day

Johkasou-STP: Packaged Wastewater Treatment Plant

1. Separation Box

Separate solids in wastewater by gravity and prevent the agitation of the excess sludge in Sedimentation & Separation Chamber by influent.

2. Separation & Sedimentation Chamber

Separate solid debris or impurities from water in influent and circulated water and store these sediments in the chamber.

3. Anaerobic Chamber

It is filled with filter materials, which separate solids and keep anaerobic microorganisms to decompose organic matter.

4. Moving Bed Chamber

It is filled with mesh cylindrical media, which retain aerobic microorganisms to decompose and remove organic matter from wastewater.

5. Sedimentation Chamber

In order to obtain clear treated water, separate the excess sludge by gravity. The settled sludge is constantly returned to the sedimentation & separation chamber by the airlift pump.

6. Disinfection Chamber

Disinfect the treated water to discharge to the river or other water bodies.

Contact

TEL:+62(0)21-8379-1186 Mail:infoindn@daiki-axis.com

WA:+62(0)852-1990-0771 Mail:marketing.admin@daiki-axis.com

HP:<https://daiki-axis.co.id/>, email : kajitani@daiki-axis.com

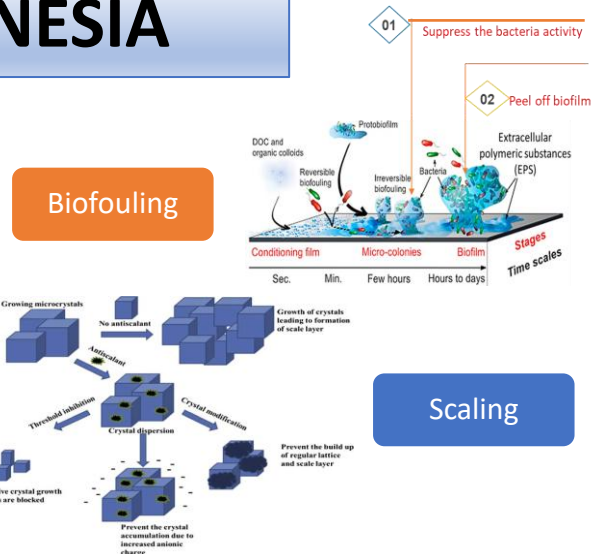


Multi-functional Chemical for Reverse Osmosis System



PT. KURITA INDONESIA

KURIVERTER IK-250 is KURITA's revolutionary multi-functional chemical for application in Reverse Osmosis system. It combines KURITA's proprietary biocide with an anti-scalant agent for total treatment, with only single chemical, to the Reverse Osmosis system. Reduces the amount of chemical used and has a peeling off effect.



Less
membrane
replacement



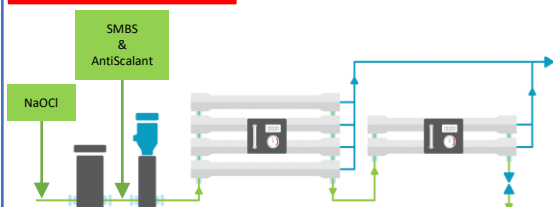
Total
operation
cost reduction



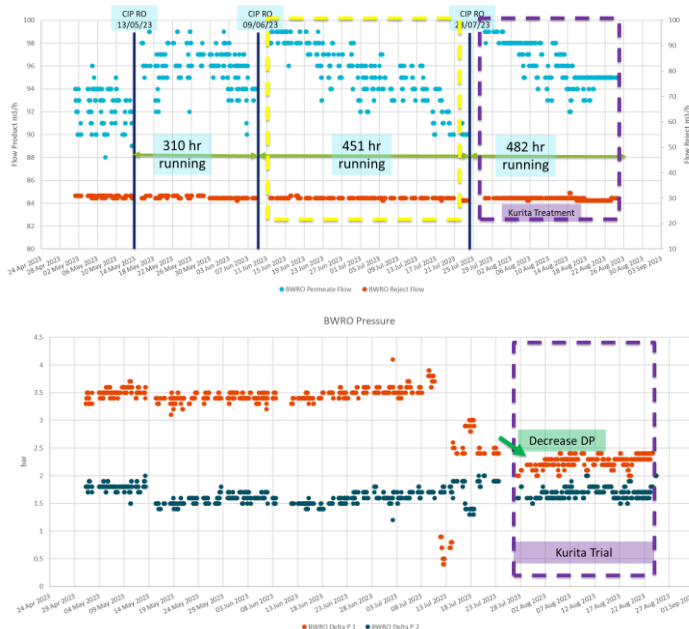
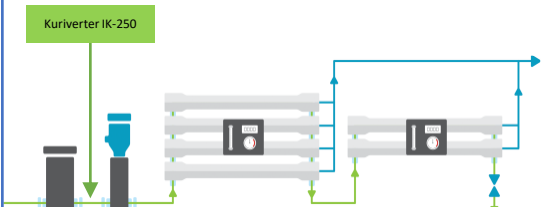
Permeate
quality
improvement

Succes Story

Conventional



KURITA Special Chemical



PT.Kurita Indonesia

Jl.Jababeka XII A Kav. V-6

Kawasan Industri Jababeka Cikarang - Bekasi 17530

Jawa Barat – Indonesia

Contact: Akito Yanai (Mr.)

+628119848866

a.yanai26@kurita-water.com

WASTEWATER TREATMENT

PT. NCE INDONESIA

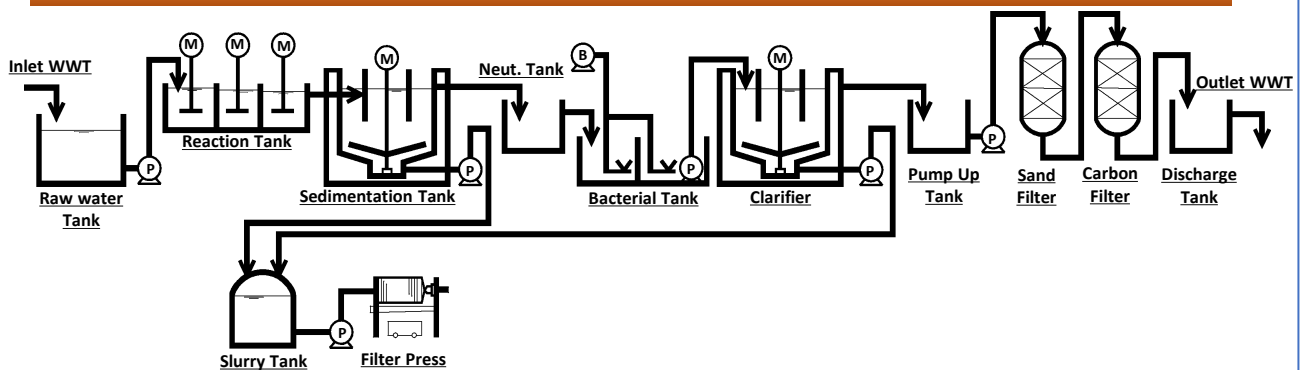
For Clean Water and Blue Sky

Water Purification, Wastewater Treatment and Gas Treatment.

1. Preview :

Wastewater can be generally divided into the two categories of ionic and organic, and equipment differ greatly depending on the wastewater being treated. Therefore before we design and formulating the wastewater treatment system we must analyze the raw wastewater to be treated to achieve the wastewater treatment discharge as government regulation.

2. Block flow (Example) :



3. Achievement and Experience :

1. Auto Mobile Manufacture.
2. Pharmaceutical Industries
3. Food and Beverage Industries
4. Electronic Industries
5. Textile Industries
6. Petrochemical Industries



4. Our Services :

1. Engineering, Purchasing and Construction.
2. Construction Work, Fabrication/Manufacture and Installation for the above equipment.
3. Consultant and Contract Service Maintenance and Spare part Supply.



Our Contact and for more Information :

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Menara Cakrawala Bldg at 6th Floor, Jl. MH Thamrin No. 9, Jakarta 10340, Indonesia

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Email : tsuji.nce@cbn.net.id (Tsuji(Mr.)) / bambang.nce@cbn.net.id (Bambang(Mr.))

HIGH EFFICIENCY MOVING BED BIO REACTOR ACTICONTACT

PT. Lautan Organo Water



PT LAUTAN ORGANO WATER

Project Reference - ACTICONTACT

Organo Corporation has developed ACTICONTACT, a high efficiency biological wastewater treatment system utilizing the formation of biological film. ACTICONTACT is an attached growth wastewater treatment plant, utilizing sponge media, named ACTILITE.

LOW has diligently installed numerous ACTICONTACT systems throughout Indonesia, all of which have demonstrated exceptional performance to date.

Features of ACTICONTACT

- Smaller Footprint

ACTICONTACT is a high efficiency aerobic treatment with only 20% installation space – comparing with Conventional Activated Sludge

- Easy Maintenance

Surface monitoring of sedimentation space is not necessary as the acticontact can tackle such load fluctuations

- Reduce Sludge Generation

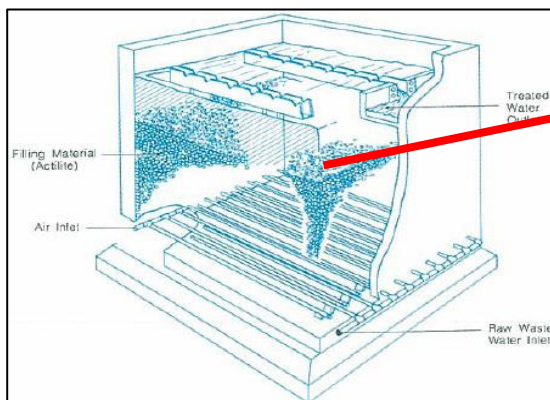
The system can retain a number of micro bacteria & generate self – digestion smoothly



Image 1. WWTP Project Experience – Gresik Area



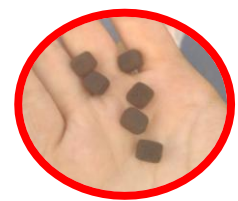
Image 2. WWTP Project Experience – Cilegon Area



Drawing for Moving Bed Bio Reactor
(ACTICONTACT)



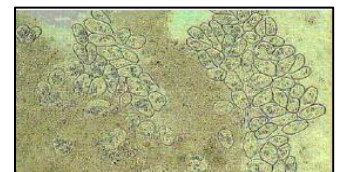
Empty **ACTILITE**
Media



Media full of Bacteria



Media full of Bacteria



Living Bacteria in the **ACTILITE**

CONTACT US

 PIC : Agustina Evania Dewi
 E-mail : agustina.evania@lautanorganowater.com
 Phone Call : [office] +62-21-2994-0900 [mobile] +62-851-5680-2620
www.lautanorganowater.com

Sludge Drying

PT. GIKOKO KOGYO INDONESIA



Innovative Waste Disposal Solutions by GIKOKO

Gikoko is a thermal engineer and industrial boiler and environmental protection equipment manufacturer. Gikoko's patented Carbonizer thermally decomposes plastic and rubber for recycling, pretreatment for batteries, wires, and PCBs, and sanitizes medical waste. Additionally, the Carbonizer produces high-quality biochar from biomass.



Sludge Drying with Gikoko Technology

Sludge typically contain up to 80% in water content.

Gikoko's advanced dryer technology can reduce this to just 2-3%
Fuel can be gas, diesel oil, or biomass as well as utilizing waste heat. Great reduction in waste volume means less disposal cost

Inquiries click link below :

Fajar : fajar@gikoko.co.id

Hitori : hitori@gikoko.co.id

Energy Consumption Reduction by NH4 & DO Monitoring

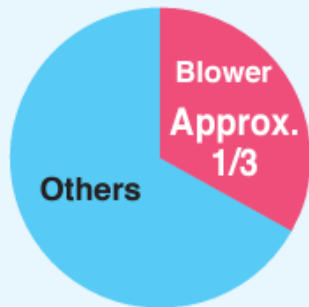
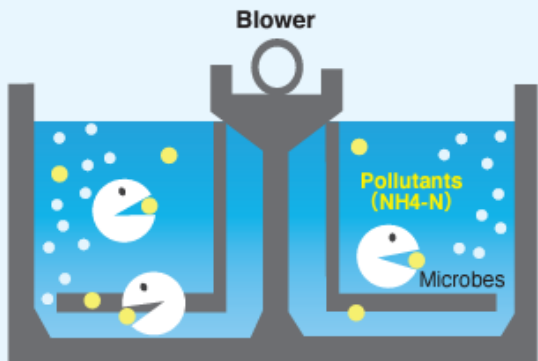
PT. HORIBA INDONESIA

HORIBA

Power consumption in a biological reactor

Microbes are activated to decompose the pollutants by providing air supply.

The power consumption of the blowers accounts for approximately one-third of the total energy consumption of the wastewater treatment facility.



In-house study conducted in 2017

Energy consumption of wastewater treatment plant (Estimate based on customer survey)

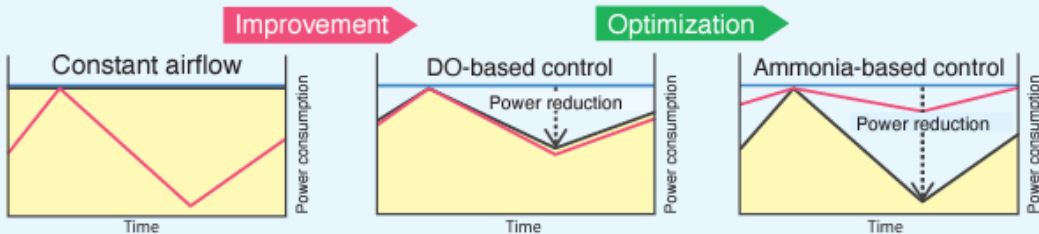
Reduction of energy consumption through ammonia-based aeration control

Aeration control method

Ammonia Nitrogen Treatment Target

Ammonia Nitrogen Concentration

Power consumption



In constant air volume control, the air volume is regulated to a constant level in accordance with the maximum load caused by ammonia. As such, during periods of low load, excessive aeration occurs, resulting in wastage of power.

Controlling based on the DO value could help achieve control closer to the target ammonia nitrogen treatment value. However, since DO is an indirect indicator of pollutants, there is a possibility of excessive aeration when the load is low.

By implementing airflow control based on ammonia nitrogen measurement, it is possible to achieve optimal control that brings the system closer to the target value in accordance with the load, thereby contributing to reduced power consumption.

In some cases, the results of demonstration experiments show that power consumption can be reduced by **at least 10%** when compared to constant airflow control.

Depending on the control method and operating conditions, the power reduction effect may vary.



HC-200NH

Ammonia Nitrogen
Meter

+

DO sensor

Our strengths

- Low TCO by product robustness & **NO reagent, NO pre-heating** required
- Premium support by local engineers

Reference sites

- Jakarta, Bogor



PIC WA



Website

PT HORIBA INDONESIA

Jl. Jalur Sutera No.16-17 Blok 20A, RT.002/RW.015,

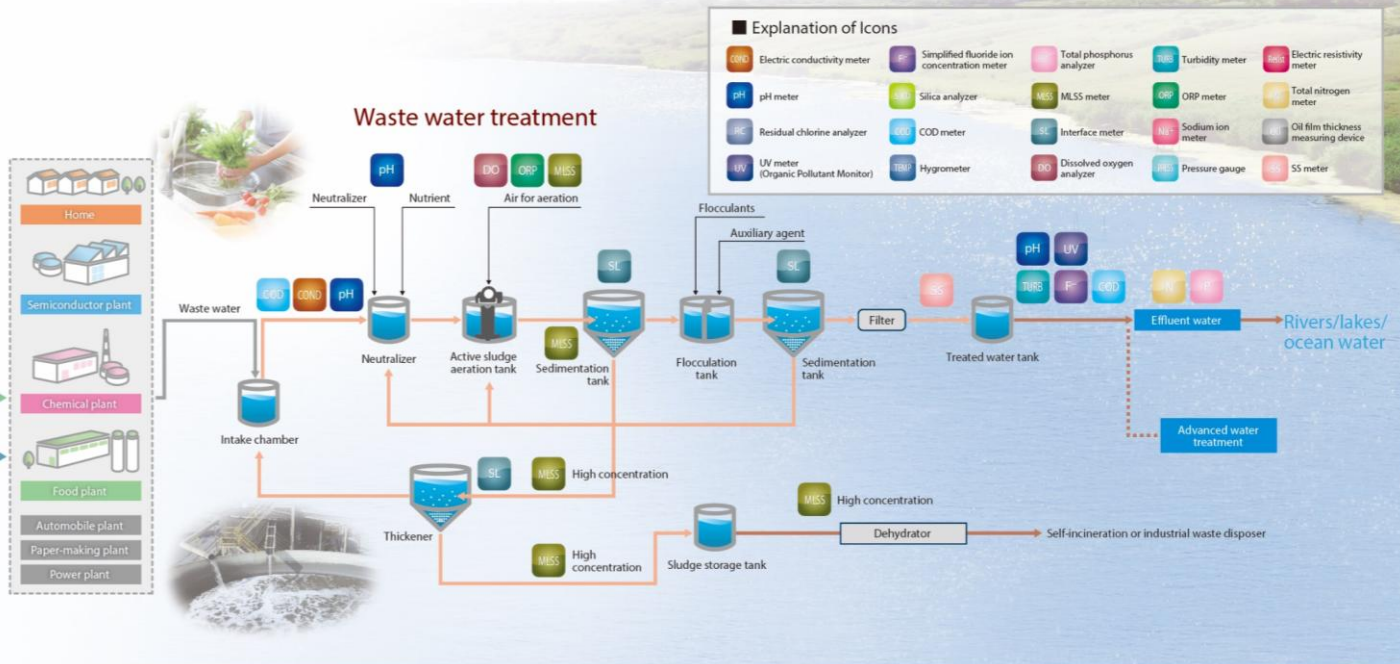
Panunggangan Tim., Kec. Pinang, Kota Tangerang, Banten 15144

PIC: Arif Satrio (WA 0823-1127-5126, arif.satrio@horiba.com)

High Quality Online Analyzer for Wastewater Treatment

PT. HORIBA INDONESIA

HORIBA



H-1 series

Field installation type
High robustness



48 series

Panel mount type



EL200

Multi-Channel
Water Controller



UV300/UV500

Online Water
UV analyzer

Our strengths

- Low TCO by product robustness
- Premium support by local engineers
- Over 100 units installation in >20 sites

Reference site

- Jakarta, Tangerang, Bekasi, Bandung, Surabaya, Medan, Batam, etc.

PT HORIBA INDONESIA

Jl. Jalur Sutera No.16-17 Blok 20A, RT.002/RW.015,
Panunggangan Tim., Kec. Pinang, Kota Tangerang, Banten 15144
PIC: Arif Satrio (WA 0823-1127-5126, arif.satrio@horiba.com)



Self-Cleaning pH Electrode

World's 1st release



TOC T-1

Online automatic
TOC analyzer



PIC WA



Website

1.3. Others

- EBARA Pump. (PT. EBARA Indonesia)
- Transformative Heat Transfer Solutions: Kurita 2D Technology. (PT. KURITA INDONESIA)
- Water Pump Business for Consumers. (PT. Panasonic Manufacturing Indonesia)
- Geothermal Power Industry (PT. KURITA INDONESIA)

EBARA Pump

PT. EBARA Indonesia

"Technology. Passion. Support Our Globe"

EBARA will support social and industrial infrastructures around the world and abundant lifestyles for all.

Standard Pump:

Through our products and services, EBARA delivers stunning solutions to every application and occasion. We have a wide variety of pumps and systems for general to professional applications.

Our range of **surface pumps** are suitable for a wide range of applications, including Clear Water, Industrial Water, Wastewater, Drainage, Irrigation, Fire fighting, and also Flood control.

Our **submersible pumps** are suitable and very good for Wastewater and Sewage application.

And We are also providing various **booster pump** units which is an important device that supports a stable water supply in the building equipment.

The features of these products are energy and space savings, ease of maintenance and high reliability.

Custom Pumps:

We customize high-quality, reliable products to meet customers' needs and supply them globally. EBARA selects and delivers the best pumps to meet a wide range of customer specifications and international standards. We pursue "monozukuri" (manufacturing) in compliance with strict quality standards, to contribute to the stable operation of customers' facilities for prolonged periods. We also develop products that help reduce the environmental impact. PT Ebara Indonesia is also affiliated with all over the world of Ebara to vary our product line up. Our product is not limited to the standard pump business segment but also has customize pump. have various types of large capacity of axial-flow, mixed-flow pump; large capacity of submersible motor pumps which is suitable for flood control, drainage water, intake water supply, etc. Another pump such as vacuum pumps; screw pumps; vane pumps; various ultrahigh-pressure for boiler recirculation pumps are available too.

Project Reference

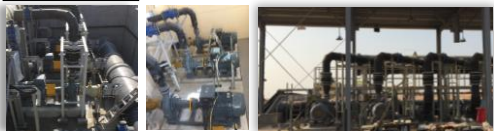
Indonesia



Malaysia



Uni Arab Emirates



Contact point

Product:

Mahpud Munawar (Mr.) || munawar.mahpud@ebara.com

After Sales Service:

Puandra Adithya Gathmyr (Mr.) || adithya.puandra@ebara.com

EBARA Indonesia

Jl. Raya Jakarta-Bogor Km.32 Curug, Cimanggis.
Kota Depok, Jawa Barat 16453.

Phone : (+62-21) 874 0852-53 / (62-31) 9985 3535

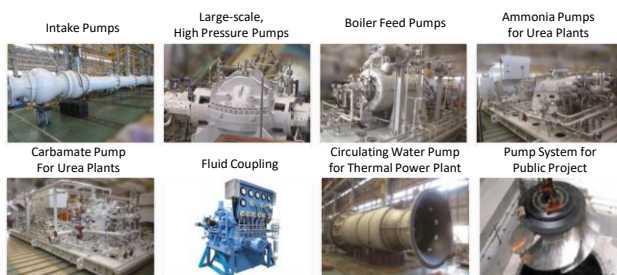
Fax : (+62-21) 874 0033

Homepage : www.ebaraindonesia.com

Surface & Submersible Pump Products:



Custom Pump Products:



Certifications:



Transformative Heat Transfer Solutions: Kurita 2D Technology

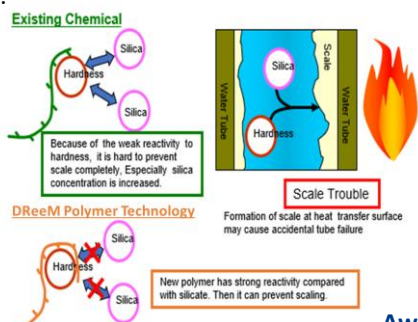
~Saving Energy, Water & Reducing CO₂ Emission ~



PT. KURITA INDONESIA

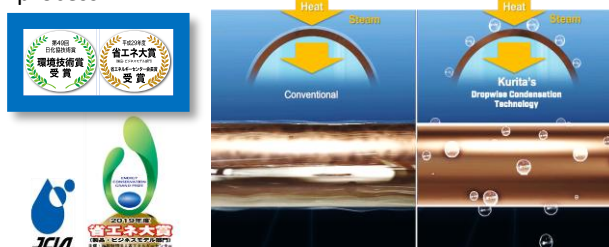
DReeM Polymer Technology®

Energy losses related to deposit composition. DReeM Polymer has been developed to prevent boiler from scale deposit and remove existing scale. It has special function as on-stream scale removal effect. As the result, **boiler efficiency typically improves, reducing blowdown water, energy consumption decreases, and leading to cost savings and also contribute to reduced emissions.**



Dropwise Condensation Technology

Patent Technology from Kurita Water Industry. Dropwise condensation technology™ is a method used to enhance the efficiency of condensation processes by promoting the water repellent formation on heat exchanger surface area. The purpose is to **increase the heat transfer efficiency** which leading to steam consumption decreases, less CO₂ Emission produces and increasing productivity of heat exchanger related process.



Awarded Energy Conservation Grand Prize

DReeM Polymer Technology

Success Story

Recovery of condensate including hardness < Styrofoam Factory >

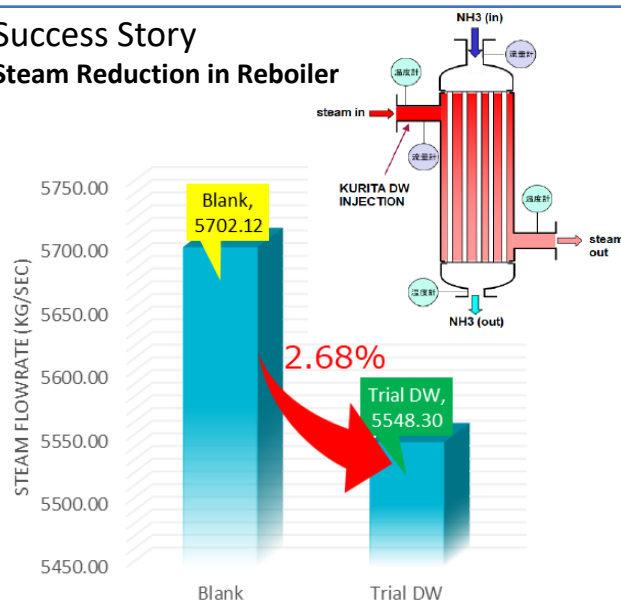
Cylindrical boiler,
Boiler pressure:0.7MPa, Blow down rate:8.0%
Amount of evaporation:4.0t/h



Kurita Dropwise Technology

Success Story

Steam Reduction in Reboiler



PT.Kurita Indonesia

Jl.Jababeka XII A Kav. V-6

Kawasan Industri Jababeka Cikarang - Bekasi 17530

Jawa Barat – Indonesia

Contact: Akito Yanai (Mr.)

+628119848866

a.yanai26@kurita-water.com

Water Pump Business for Consumers

Delivering water for people's health

PT. Panasonic Manufacturing Indonesia

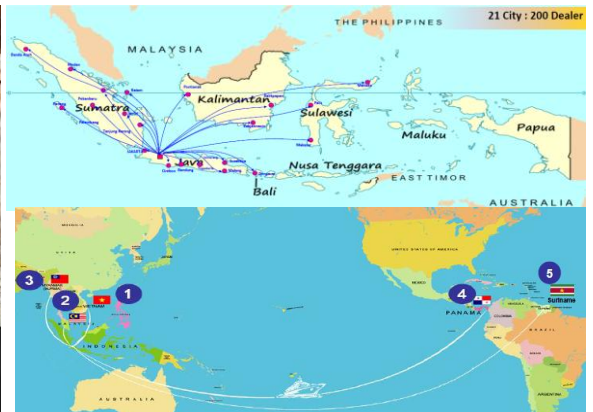
Product and Service Outline

- Ratio of pipelined water supply is still low, approx. 26% in Indonesia, so major water sources are underground water or well water.
- Panasonic started water pump manufacturing in Indonesia from 1988.
- We are providing 57 models of highly reliable and durable water pump for various usage of household.



Actual Result and Examples

- Our key technologies are energy-saving and material-saving with lightweight motor, and use of recycled material up to 35wt% etc.
- We have marked 30 million pumps shipment in 2019, and keep expanding business for both domestic and export.



Contact Point

<https://www.panasonic.com/id/>

Mr. Afda Alief (JP/ID/EN) afda.alief@id.panasonic.com



Geothermal Power Industry

Innovative solutions supporting the energy of future

PT. Kurita Indonesia



Products • Services Outline

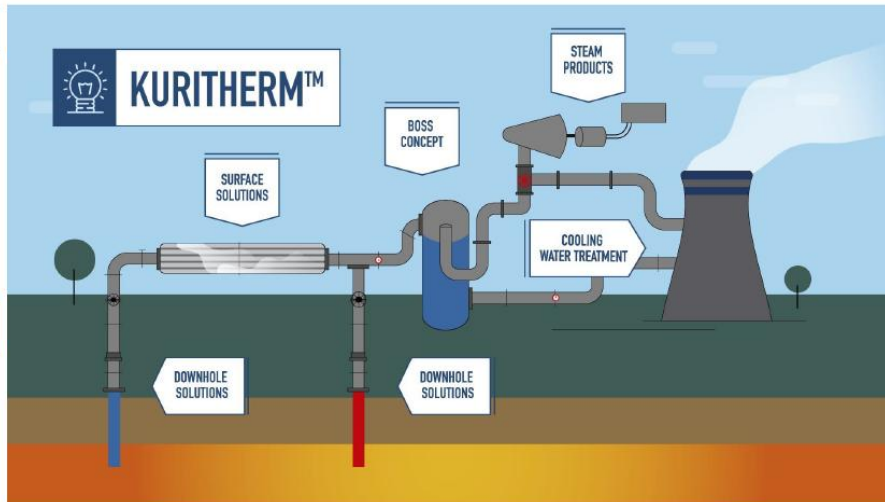
- Protect the production well with corrosion inhibitors and antiscalants
- Full product range for power generation systems
- Protection of cooling tower and heat exchanger
- Environmental-friendly products for the injection well surveillance
- Online monitoring system for production wells and surface treatments

Surface

Kuritherm® 4440
Kuritherm® 4441
Kuritherm® 4447
Kuritherm® 4442
Kuritherm® 4452
Kuritherm® 8861
Kuritherm® 4462
Kuritherm® 4410
Kuritherm® 4418

Downhole

Kuritherm® 4425
Kuritherm® 4403
Kuritherm® 4430
Kuritherm® 4442
Kuritherm® 8842
Kuritherm® 4461
Kuritherm® 4400



Surface

Kuritherm® 4440
Kuritherm® 4441
Kuritherm® 4447
Kuritherm® 4442
Kuritherm® 4452
Kuritherm® 8861
Kuritherm® 4463
Kuritherm® 4400
Kuritherm® 4410
Kuritherm® 4418

Others

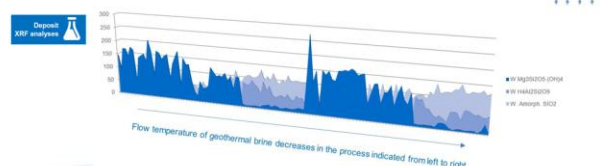
Cetamine®
Technology for
steam lines

Cooling tower
solutions

Silica prevention in Turkey



- Triple flash-steam power plant in Turkey
- One of the highest installed capacity (~ 200 Mwe)
- ESP running production wells
- CaCO₃ and Silica/Silicate-based precipitation
- 6 years of R&D partnership with customer



Corrosion Inhibitor in Italy



Period Oct 21 – Jan 22
with initial/competitor anticorrosion inhibitor



⇒ Corrosion rate
= 835 µm/y

Period Jan 22 – April 22
with Turbodispin inhibitor



⇒ Corrosion rate
= 37,9 µm/y

- ⇒ Strong improvement of the anticorrosion protection measured by corrosion coupons with Turbodispin inhibitor
- Corrosion rate value divided by 20 times
 - Aspect of the coupons without any significant pitting and damages
 - High anticorrosion efficiency obtained with Turbodispin corrosion inhibitor

Headquarter

PT. Kurita Indonesia
Jl. Jababeka XIIA Kav. V-6
Cikarang, Bekasi
17520

Contact

Mr. Akito Yanai
a.yanai26@kurita-water.com
+628119848866

2. Air

- GAS SCRUBBER (PT. NCE INDONESIA)
- Waste Incineration Exhaust Gas Monitoring System. (PT. Horiba Indonesia)
- Air Quality Monitoring System (AQMS). (PT. Horiba Indonesia)

GAS SCRUBBER

PT. NCE INDONESIA

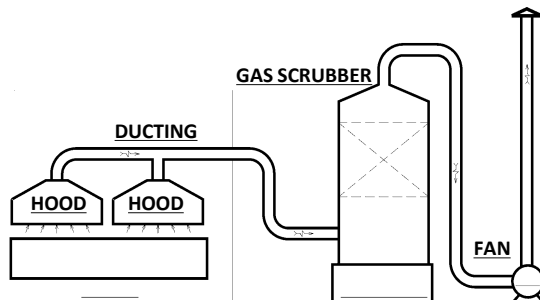
For Clean Water and Blue Sky

Water Purification, Wastewater Treatment and Gas Treatment.

1. Preview :

Gas Scrubbers are one of several types of air pollution control devices or exhaust gases resulting from factory or industrial production processes. In general, Gas Scrubbers are used to control particles in the form of solids and/or gases which are soluble in water.

2. Block Flow (Example) :



3. Achievement and Experience :

1. Auto Mobile Manufacture.
2. Pharmaceutical Industries
3. Food and Beverage Industries
4. Electronic Industries
5. Textile Industries
6. Petrochemical Industries

4. Our Services :

1. Engineering, Purchasing and Construction.
2. Construction Work, Fabrication/Manufacture and Installation for the above equipment.
3. Consultant and Contract Service Maintenance and Spare part Supply.



Our Contact and for more Information :

PT. NCE INDONESIA

Menara Cakrawala Bldg at 6th Floor, Jl. MH Thamrin No. 9, Jakarta 10340, Indonesia

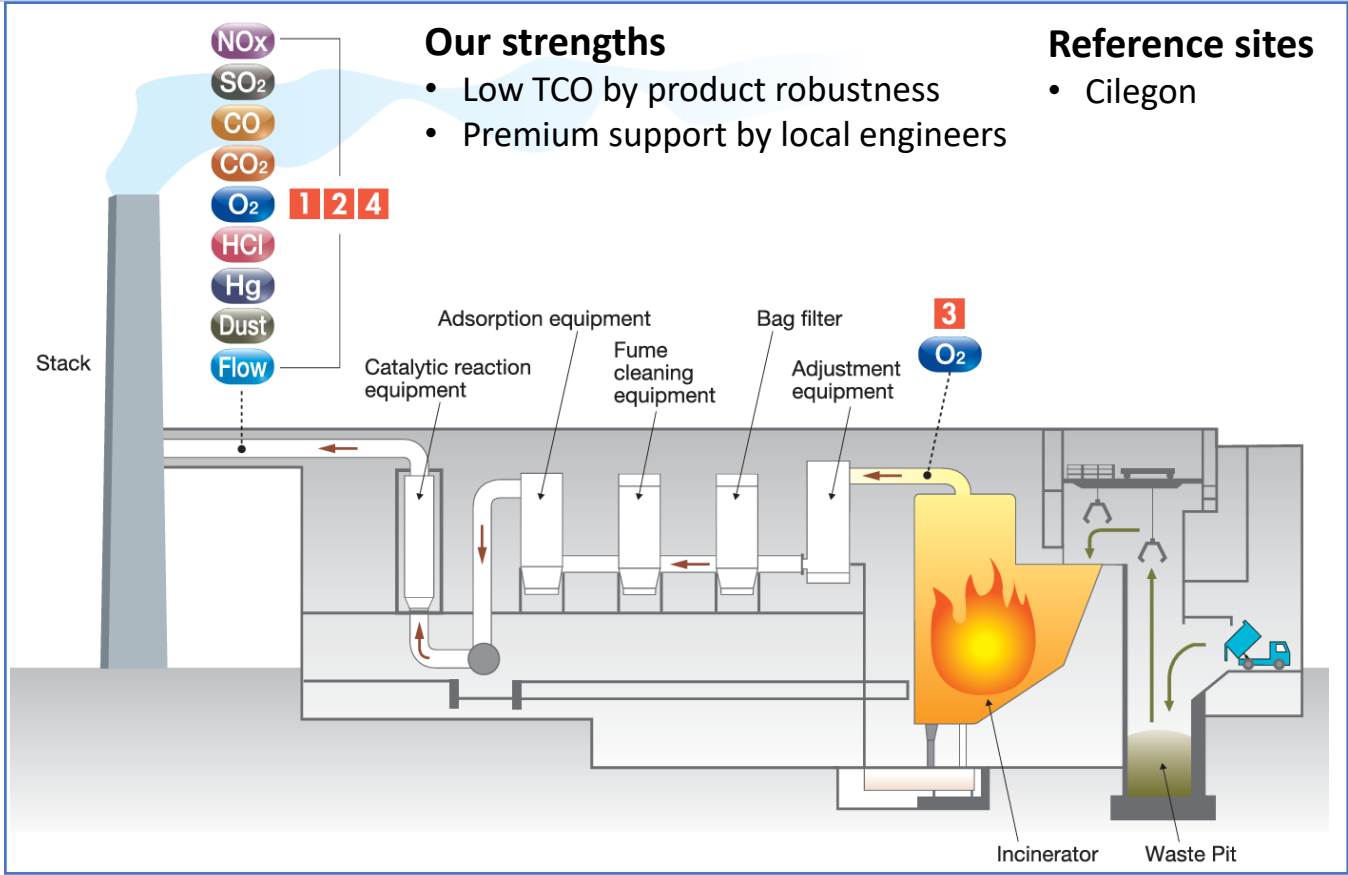
Tel : 021-3901409 / Fax : 021 3901427

Email : tsuji.nce@cbn.net.id (Tsuji(Mr.)) / bambang.nce@cbn.net.id (Bambang(Mr.))

Waste Incineration Exhaust Gas Monitoring System

PT. HORIBA INDONESIA

HORIBA



Our strengths

- Low TCO by product robustness
- Premium support by local engineers

Reference sites

- Cilegon

1 ENDA-5000 series

Stack Gas Analysis System
High robustness



2 TX-100

Tunable Laser
Hydrogen Chloride
Analyzer



3 NZ-3000

Zirconia Oxygen
Analyzer



PG-300 series

Portable Gas Analyzer
For RATA test



4 Dust concentration and opacity monitor

PT HORIBA INDONESIA

Jl. Jalur Sutra No.16-17 Blok 20A, RT.002/RW.015,
Panunggangan Tim., Kec. Pinang, Kota Tangerang, Banten 15144
PIC: Junjungan Frans (WA 0811-9503-750, junjungan.frans@horiba.com)



PIC WA



Website

Air Quality Monitoring System (AQMS)

PT. HORIBA INDONESIA

HORIBA

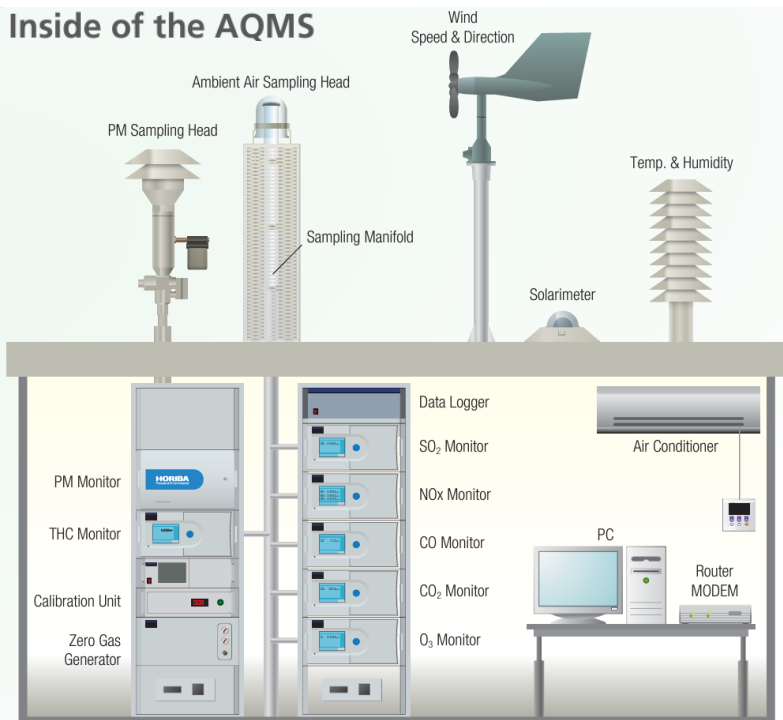
Fixed Station



Mobile Station



Inside of the AQMS



AP-370 series Air Pollution Monitor



PX-375 Continuous Particulate Monitor with X-ray Fluorescence



Our strengths

- Low TCO by product robustness
- Premium support by local engineers
- 20 units installation in 8 cities

Reference sites

- Jakarta, Pekanbaru, Palembang, Bandung, Surabaya, Gresik, etc.

PT HORIBA INDONESIA

Jl. Jalur Sutera No.16-17 Blok 20A, RT.002/RW.015,
Panunggangan Tim., Kec. Pinang, Kota Tangerang, Banten 15144
PIC: Junjungan Frans (WA 0811-9503-750, junjungan.frans@horiba.com)



PIC WA



Website

3. Waste

- Gikoko Carbonizer. (PT. GIKOKO KOGYO INDONESIA)

Gikoko Carbonizer

PT. GIKOKO KOGYO INDONESIA

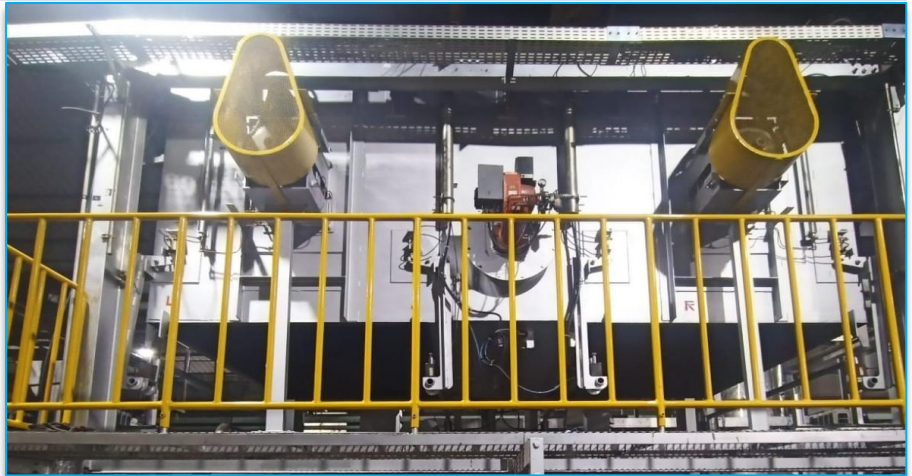


Innovative Waste Disposal Solutions by GIKOKO

Gikoko is a thermal engineer and industrial boiler and environmental protection equipment manufacturer. Gikoko's patented Carbonizer thermally decomposes plastic and rubber for recycling, pretreatment for batteries, wires, and PCBs, and sanitizes medical waste. Additionally, the Carbonizer produces high-quality biochar from biomass.

Gikoko Carbonizer

Transforming waste into energy, the Gikoko Carbonizer efficiently processes up to 3 tons of waste per day. This advance technology reduces waste volume significantly while generating renewable energy, making it ideal solution for sustainable urban waste management.



Before



After

E-Waste : Extracting Valuable Metals.

Gikoko's e-waste carbonizer processes electronic waste, such as phone batteries, PCBs wires to extract valuable metals like lithium. This technology not only helps recover precious metals but also reduce e-waste and minimize environmental harm.



High Quality Charcoal from Coconut Shells

Gikoko's carbonizer produces top-quality charcoal from coconut shells. This process ensures the highest standards of quality, providing a sustainable and efficient way to utilize biomass.

Inquiries click link below :

Fajar : fajar@gikoko.co.id

Hitori : hitori@gikoko.co.id

II. Services

1. Water

- After Sales Service for Ebara Pump. (PT. EBARA Indonesia)
- Pipe Cleaning Services for Houses. (PT. Panasonic Gobel Indonesia)

After Sales Service for EBARA Pump

PT. EBARA Indonesia

“Your Satisfaction, Our Commitment.”

EBARA's commitment is not only for selling the good quality product but We are also want to maintain your trust by providing our great aftersales to keep up our pump performance in good or even excellent quality.

After Sales Service:

The high quality and reliability of after sales service are only achieved by skilled/experienced sales/field service engineers. EBARA Group employs these engineers and provide them sufficient technical training. These engineers realize EBARA's service policy of “kind and speedy” to satisfy our customers.

Service & Maintenance

EBARA provides a Service & Maintenance to ensure the smooth operation of our customers' pumps. When a customer takes on an EBARA product, we perform an installation service to fit the pump in its best condition. and a Commissioning Service. Please contact your nearest EBARA Group company for details.

Training & Commissioning

To optimize the pump's performance and efficiency. After completion of delivery, we also check that the product is working properly and provide on-demand inspection services to ensure that the product operates well for the long term

On-site Pump Assessment

In the world of industrial operations, precision and efficiency are the keys to success. That's where our On-Site Pump Assessment & Pump Training comes in, offering you a tailored solution to boost your facility's productivity and reduce costly downtime.

With our expert team visiting your facility, you get a hands-on evaluation of your pump systems. We identify inefficiencies, detect potential issues before they cause failures, and provide actionable recommendations to optimize performance. This isn't just a theoretical approach; it's a practical solution that delivers real results.

Project Reference

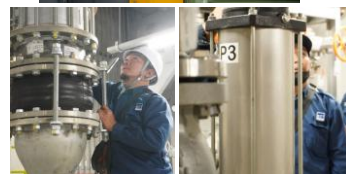
Service & Maintenance



Training & Commissioning



On-site Pump Assessment



Contact point

Product:

Mahpud Munawar (Mr.) || munawar.mahpud@ebaras.com

After Sales Service:

Puandra Adithya Gathmyr (Mr.) || adithya.puandra@ebaras.com

EBARA Indonesia

Jl. Raya Jakarta-Bogor Km.32 Curug, Cimanggis.

Kota Depok, Jawa Barat 16453.

Phone : (+62-21) 874 0852-53 / (62-31) 9985 3535

Fax : (+62-21) 874 0033

Homepage : www.ebaraindonesia.com

Certifications:



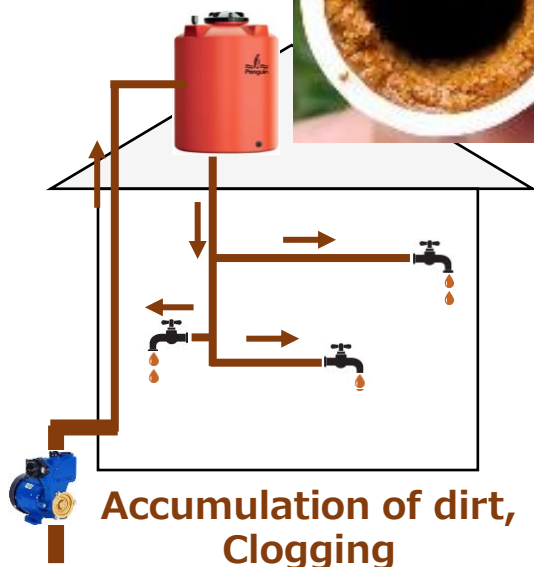
Pipe Cleaning Services for Houses

Dirt that has accumulated inside the pipes is cleaned and clean water can be supplied.

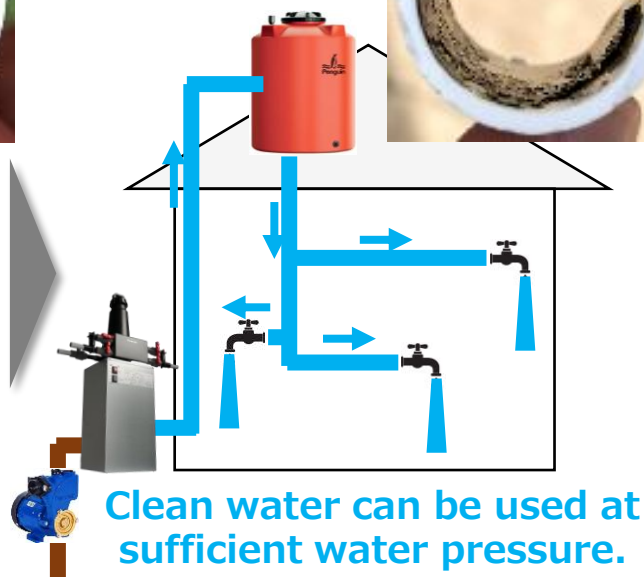
PT. Panasonic Gobel Indonesia

The water cleaned by the water purification system is delivered to the faucets in a clean state.

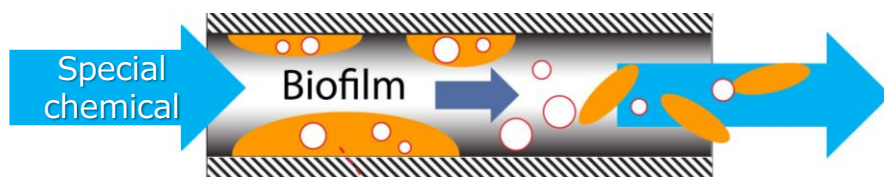
Before cleaning



After cleaning



Schematic diagram of cleaning (cross-section of pipe)



Bubbles from the chemical peel off dirt.

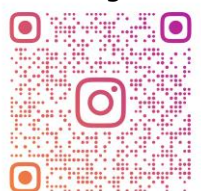


Actual dirt from pipe

Contact point:

PT. Panasonic Gobel Indonesia
JL.Dewi Sartika No.14 (Cawang II),
Jakarta 13630 Indonesia
PIC: Fujita
hirofumi.fujita@id.panasonic.com

Instagram



IDWATERPURIFICATIONSYSTEM

Tiktok



@idpanasonicciaqs
olution

WhatsApp



2. Air

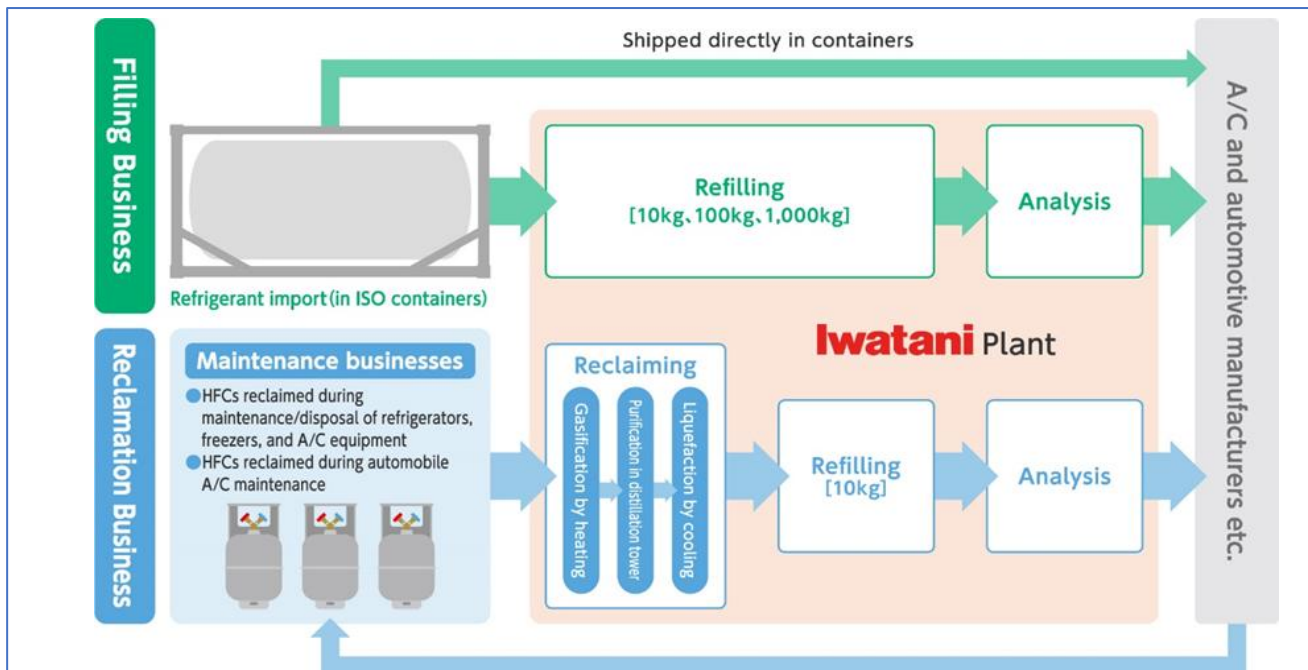
- Refrigerant gas Recovery and Reclamation business
(PT. Iwatani Industrial Gas Indonesia)

Refrigerant gas Recovery and Reclamation business

We are the first in Indonesia to install a refrigerant (freon) gas regenerator.

We offer a new solution to be satisfied with economic, environment and stable supply.

PT. Iwatani Industrial Gas Indonesia



Target Refrigerant Gases :

R134a, R32, R410a, R22

Business Scheme :

1. Our staff will collect (depending on the amount collected) or collect the refrigerant gas discharged from the factory on-site.
2. Acceptance analysis at our company
3. If the acceptance inspection is passed, it will be reclaimed.
4. If the acceptance inspection is not passed, it will be destroyed.

Iwatani=====

金原 雄大

KANEHARA YUDAI

PT. Iwatani Industrial Gas Indonesia

Kawasan Industri KIIC LotA-12 Teluk Jambé

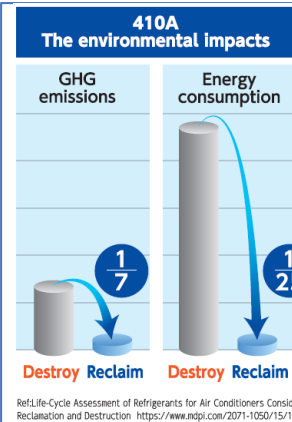
Karawang 41361, Indonesia

TEL : +62-21-890-4310

M/P : +62-811-1122-420

E-mail : kanehara_yudai@iwatani.co.jp

=====



Iwatani Group
PT. Iwatani Industrial Gas Indonesia

Green Business For Environment

Reclaimed Refrigerant with an intensive filtration process removes many more impurities from the used refrigerant, allowing it to be reusable and sustainable.

- ✓ Eco-friendly
- ✓ Zero Waste
- ✓ Sustainable Green Initiative

Refrigerant Reclamation Equipment

Contact Us ☎ 021-8904310 / 021-8904373 🌐 www.iwatani.co.id ✉ ligi@iwatani.co.id

2. Waste

- Comprehensive Waste Management Service.
(PT. Prasadha Pamunah Limbah Industri)
- Integrated Waste Management Services.
(PT. DOWA ECO SYSTEM INDONESIA)

PT Prasadha Pamunah Limbah Industri



PT Prasadha Pamunah Limbah Industri (PPLI) is an Indonesian company that has been operating since 1994, providing services for the collection, recycling, processing, and disposal of hazardous and toxic waste (B3) and non-B3 waste.

PPLI is 95% owned by DOWA and 5% by the Government of Indonesia through the Ministry of State-Owned Enterprises. PPLI's parent company, DOWA Eco-System Co. Ltd., is a Japanese company dedicated to environmental management and recycling.



Why PPLI

- All-in-one services
- Comprehensive & licensed waste treatment and disposal
- Meet the needs of industry
- Sustainable business activities
- Better environment



Services

01

Transportation



All PPLI fleets are well monitored and safe

02

Solid Waste Treatment



Stabilization for unstable solid waste

03

Liquid Waste Treatment



Treatment of liquid waste containing high levels of contamination

04

Waste to Energy



Processing waste into alternative fuel

05

Advanced Waste Treatment



Advanced treatment for difficult-to-process waste

06

Incinerator



The largest, most modern, and environmentally friendly

07

Polychlorinated Biphenyls (PCBs)



Trusted by the Indonesian government as the PCBs waste processor for Indonesia

08

Final Disposal



Certified environmentally friendly final disposal sites

PPLI CLIENT SECTORS

Oil & Gas, Mining, Pulp & Paper, Textiles, Plastics, Chemicals, Machinery, and Metals, Automotive, Electronics, Consumer Goods, Food and Beverage, Healthcare and Hospitality, Government, and Other Services

PPLI serves up to
4000
Customers

PPLI Sales:
Imam Zulkarnain +62-811-1171359
imam.zulkarnain@ppli.co.id



customerservice@ppli.co.id

With
785
Waste Code



+62-21 8673333



ppli.co.id

PPLI Permits:

- Collection, Utilization, Treatment, and Landfilling of Hazardous Waste
- Incinerator
- PCBs
- Packaging Washing
- Hazardous Waste Collection

Integrated Waste Management Services

PT DOWA ECO SYSTEM INDONESIA

DOWA

PT DOWA Eco System Indonesia

PT Dowa Eco System Indonesia (DESI) aims to be a trusted and reliable partner in providing environmentally friendly and cost-effective solutions for waste management needs. Equipped with state-of-the-art facilities and methods, our highly trained and experienced team is capable of delivering integrated and fully licensed hazardous and non-hazardous waste management services.

As part of our commitment to ensuring compliance, safety, and quality of service, DESI has obtained and implemented ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 in our waste management services.



Why DESI

- The "one-stop shop" means DESI can comply with any waste needs.
- A better environment
- Cost-effective solutions
- Compliant with Indonesian regulations
- Implementing the 4R concept: Reduce, Reuse, Recycle, and Recovery

Services

01

Transportation



With highly trained and experienced transportation personnel, we ensure the safety and security of waste transport.

02

Collection



We collect and transport waste with full licensing all over Indonesia.

03

Utilization



Applying the 4R concept and circular economy by converting waste into solid Alternative Materials (AM) and Alternative Fuels (AF).

04

Waste Treatment



Processing hazardous (B3) and non-hazardous liquid waste to achieve permissible levels of quality that are legal and safe.

05

Waste Export



Capable of exporting waste that cannot be processed with existing facilities in Indonesia.

06

Eco Landfill



Licensed and certified waste landfilling services.

DESI serves up to

290

Customers

With

630

Waste Code

CLIENT SECTORS

Oil & Gas, Mining, Pulp & Paper, Textiles, Plastics, Chemicals, Machinery, and Metals, Automotive, Electronics, Consumer Goods, Food and Beverage, Healthcare and Hospitality, Government, and Other Services

DESI Permits

- Processing and Collection of Hazardous Waste (B3)
- Management and Utilization of Hazardous Waste (B3)
- Management and Processing of Hazardous Waste (B3)
- Management and Landfilling of Hazardous Waste (B3)

Farid(Sales) :
farid.ardiansyah@desi.co.id



info@desi.co.id



+62 322 660 1100



desi.co.id



@desi.official12



PTDESIOfficial



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❌ Use this catalogue
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Jakarta 12190 – Indonesia

[Tel:+62215200264](tel:+62215200264) Fax:+62215200261

Seiko Kazumi

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2024.7.1 2nd Edition