

## OUR PARTNER



### **KADIN INDONESIA (Kamar Dagang dan Industri Indonesia)**

KADIN INDONESIA adalah organisasi induk bagi dunia usaha di Indonesia. KADIN berperan sebagai wadah pembinaan, komunikasi, informasi representasi, konsultasi, fasilitasi, dan advokasi bagi pengusaha Indonesia. KADIN menaungi berbagai asosiasi bisnis dari berbagai sektor dan memiliki jaringan kontak bisnis yang luas di seluruh Indonesia.

### **PT. HPNK CERTIFICATION CENTER**

Perusahaan HPNK Certification Center merupakan singkatan dari Himpunan Pengusaha Nahdliyin Korea adalah sebuah perusahaan yang didirikan untuk mendukung pengembangan ekonomi anggota Nahdlatul Ulama (NU) dan membantu perusahaan dalam mendapatkan sertifikasi halal, BPOM, TKDN, SNI, Hakki dan lain-lain.

### **PT. SUCOFINDO (PT. Superintending Company of Indonesia)**

Perusahaan BUMN yang menyediakan jasa inspeksi, pengujian, sertifikasi, pelatihan, dan konsultasi. Sucofindo banyak digunakan di sektor industri, lingkungan, perdagangan, dan sistem mutu.

### **FOKKALIS (Forum Kolaborasi Komunitas Peduli Sampah Indonesia)**

FOKKALIS adalah sebuah komunitas atau forum, bukan perusahaan dalam arti bisnis biasa. Fokus utama FOKKALIS adalah pada isu-isu lingkungan, khususnya pengelolaan sampah di Indonesia. Secara singkat, FOKKALIS adalah sebuah inisiatif berbasis komunitas yang berperan aktif dalam upaya menciptakan solusi pengelolaan sampah yang berkelanjutan di Indonesia melalui kolaborasi dan edukasi.

### **CFCD (Corporate Forum for Community Development)**

CFCD adalah forum yang beranggotakan perusahaan-perusahaan di Indonesia yang peduli pada pembangunan masyarakat. Forum ini mendorong kolaborasi antar dunia usaha, pemerintah, dan masyarakat dalam program tanggung jawab sosial perusahaan (CSR) untuk menciptakan pembangunan yang berkelanjutan.

### **INKINDO (Ikatan Nasional Konsultan Indonesia)**

Organisasi profesi yang mewadahi perusahaan-perusahaan konsultan nasional di berbagai bidang, seperti konstruksi, teknik, lingkungan, dan perencanaan. INKINDO berperan dalam meningkatkan kompetensi, integritas, dan profesionalisme konsultan Indonesia.

### **BRIN (Badan Riset dan Inovasi Nasional)**

BRIN adalah lembaga pemerintah yang bertugas mengoordinasikan, mengembangkan, dan melaksanakan kegiatan riset dan inovasi di Indonesia. Tujuannya untuk mendukung kemajuan ilmu pengetahuan, teknologi, dan kebijakan berbasis riset.

## TECHNICAL INTRODUCTION

**Pastech Mega Twister** is an incinerator machine with modern technology capable of processing various types of waste efficiently and environmentally friendly. This machine is designed to meet the needs of the government, industrial sector, and communities in handling waste safely and sustainably.



### Energy Saving

Specially using **CYCLONE COMBUSTION SYSTEM** technology, the concept of fire movement that resembles a whirlwind that allows the combustion process to be 3 times much faster so that it can save energy during the combustion process and is effective compared to conventional methods, and minimizes residue.



### Free of Air Pollution

Low-emission technologies that comply with international environmental standards, minimizing air pollution, such as smoke and toxic gases from combustion waste.



### Odor-Free

Low-emission technology and toxic gas filtration that can reduce and even eliminate the pungent odor of waste during the combustion process.



### Safe and Easy Operation

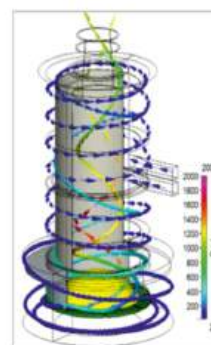
Modular design that allows users to perform maintenance easily, reducing downtime and maintenance costs. Advanced automation features such as temperature sensors and safety alarms, to protect operators and the surrounding environment.

## KEY FEATURES

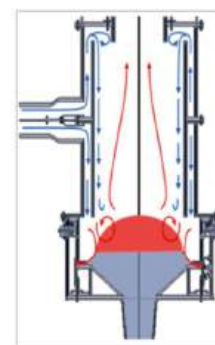
- By operating at a combustion temperature of over 1300 C using preheated air above 500 C, the generation of pollutants is minimized.
- The implementation of an air curtain principle inside the combustion chamber eliminates the need for refractory materials, thereby minimizing maintenance costs.
- Technology is applied to minimize the generation of environmental pollutants such as sulfur compounds and NO<sub>x</sub>.
- Fuel is only used during ignition, making it one of the most economical small-scale incineration facilities.
- The chamber is made of heat-resistant materials, safe for waste loading, and does not emit smoke during combustion

## APPLICABLE CODES & STANDARDS

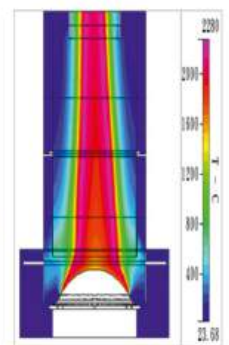
- KS (Korea Standard)
- IEC (International Electrotechnical Commission)
- SNI
- TKDN
- K-3 Certification (Personal Training, SMK3, ISO)
- Has met the emission gas quality standards Kementerian Lingkungan & Kehutanan Republik Indonesia



COMBUSTION FURNACE  
INTERNAL TEMPERATURE  
AND FLOW



LOW PHENOMENON  
INSIDE COMBUSTION  
FURNACE



COMBUSTION FURNACE  
TEMPERATURE DISTRIBUTION

# PASTECH ECO FRIENDLY INCINERATOR - TYPE PMT 01

## A. Water Tank

- Temperature Control Water

## B. Secondary Chamber

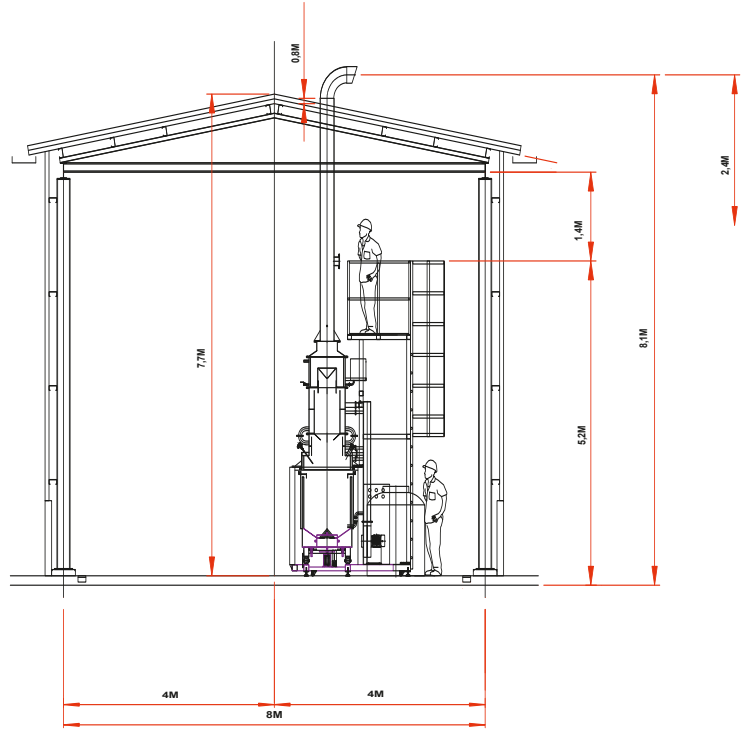
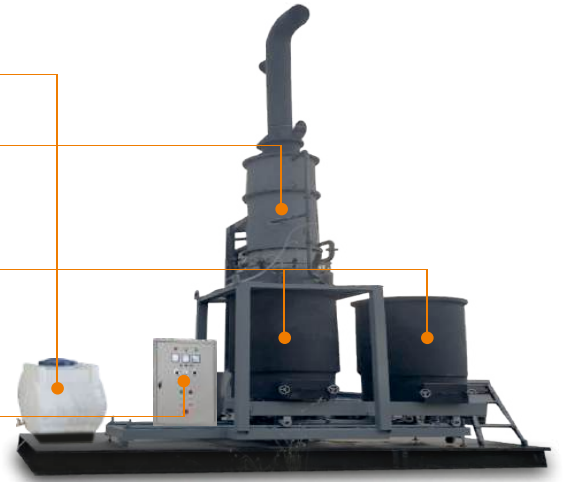
- Retains and Re-Burns The Exhaust Gases
- Any Remaining Harmful Particles or Compounds are Burned off Completely.

## C. Primary Chamber

- Double Chamber
- Material : SUS310S/SUS304
- Converts Most of The Organic Matters Into Gas and Residue.

## D. Control Panel / Control Box

- MCBB, MS, Inverter, PBL Switch, Etc
- Power : AC 1ph, 220v, 50hz



Attachment  
To Report No. E22807/ANBPAS  
Date: June 23, 2025

Issuing Office :  
Jl. Arteri Tol Cibitung No.1, Cibitung Bekasi 17520  
Telp./Faksimil: 021 88321176/021 88321166  
cs.lab@sucofindo.co.id

Page 1 of 1

## REPORT OF ANALYSIS

TESTED FOR : Particulate, NO<sub>x</sub>, SO<sub>x</sub>, CO, HCl, HF, and Hg  
DESCRIPTION OF SAMPLE : Date of sampling : June 17, 2025  
SAMPLE IDENTIFICATION : Incinerator \*  
Fuel : Diesel  
Coordinate : S 01° 10' 33.3"  
E 136° 05' 45.6"

Parameter	Unit	Test Results		Maximum Concentration	Methods
		Measurement Concentration	Corrected Concentration		
Particulate	mg/Nm <sup>3</sup>	30.5	56.5	120	SNI 7117.17:2009
Nitrogen Oxide (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	138	255	470	PO/LAB-SP /11
Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	4.7	8.7	210	PO/LAB-SP /12
Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	3.2	5.9	625	SNI 7117 – 21 : 2021
Hydrogen chloride (HCl)	mg/Nm <sup>3</sup>	< 4	< 4	10	SNI 19 – 7117.8 – 2005
Hydrogen Flouride (HF)	mg/Nm <sup>3</sup>	< 0.3	< 0.3	2	SNI 19 – 7117.9 – 2005
Mercury (Hg)	mg/Nm <sup>3</sup>	0.11	0.2	3	SNI 7117.20:2009

Note : The results of parameter concentration were corrected 11 % Oxygen rate on condition normally air (25 °C and 760 mmHg) and dry basis.  
\*) Sampling point not refers to SNI 7117.13 : 2009 because sampling hole only one

Support Data :

Parameter	Unit	Test Results	Methods
Oxygen (O <sub>2</sub> )	%	15.6	SNI 7117 – 21 : 2021
Carbon Dioxide (CO <sub>2</sub> )	%	5.05	SNI 7117 – 21 : 2021
Gas Temperature	°C	474.8	Thermocoupled
Gas Velocity	m/s	20	SNI 7117.14:2009
Flow Rate	m <sup>3</sup> /s	1.2	SNI 7117.14:2009
Moisture Content	%	6.6	SNI 7117.16:2009
Isokinetic	%	98.3	SNI 7117.17:2009
Eff Combustion	%	99.99	Calculated

## PASTECH INCINERATOR – TYPE PMT 02 CAPACITY 100 - 300 KG/JAM (All Waste Types & Medical/Hazardous B3 Waste)

Incinerator is a type of high-temperature waste treatment equipment designed to burn waste gas, waste liquid, solid waste, household waste, medical waste (B3), animal carcasses, and various other waste materials. It functions to achieve waste volume reduction and environmentally compliant disposal, while also enabling partial recovery or utilization of heat generated during the incineration process. It is categorized into fixed incinerators and mobile incinerators.



# MACHINE INCINERATOR TORNADO MEDICAL WASTE AND B3 CAPACITY 300 - 500 KG/JAM



- ✓ Pembakaran Cepat Tanpa Asap & Bau, Kecepatan Pembakaran  $\geq$  3x Lebih Cepat
- ✓ Pirolisis Suhu Tinggi & Pembakaran Sempurna, Kehilangan Abu < 3%
- ✓ Pengumpul Debu Terintegrasi di Tubuh Utama
- ✓ Tubuh Utama 100% Didinginkan dengan Udara

## INCINERATOR BERKINERJA TINGGI DENGAN PIROLISIS

## SUHU TINGGI DAN ALIRAN PUTAR CEPAT

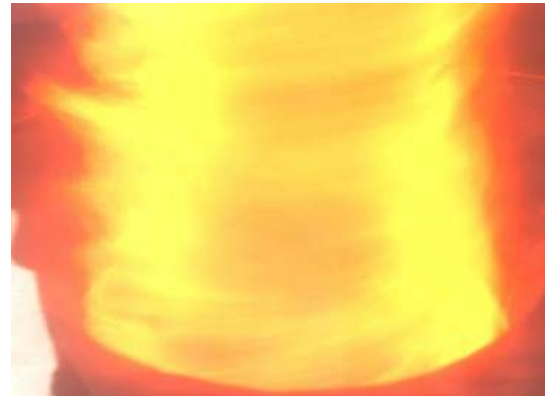
## High Temperature Gas Reforming Cyclo-Incinerator

### PRINSIP DASAR INSINERATOR

- Pendinginan unit utama sekaligus masuknya udara prapemanas
- Pembagian udara secara berputar untuk pembakaran optimal
- Pembakaran sempurna melalui reaksi gasifikasi dan reformasi suhu tinggi
- Realisasi pembakaran suhu tinggi dan kecepatan tinggi melalui aliran berputar
- Penerapan desain termofluida pada proses pembakaran

### STRUKTUR PERALATAN INCINERATOR

- Struktur langsung antara ruang reaksi reformasi dan ruang pembakaran
- Struktur terintegrasi antara unit utama insinerator dan perangkat pengumpul debu
- Struktur pendinginan udara 100% dengan dinding ganda
- Struktur distribusi masuknya udara pembakaran secara berputar
- Desain struktur perakitan dan pembongkaran pada bagian utama



# KOMPONEN INCINERATOR

KOMPONEN	FUNGSI
TORNADO <b>NOX BURNER</b>	PERALATAN PEMBAKARAN
TORNADO <b>INCINERATOR</b>	PERALATAN INCINERATOR
TORNADO <b>DUST COLLECTOR</b>	SISTEM PENGUMPUL DEBU
TORNADO <b>FURNACE</b>	PERALATAN PEMANAS

*\*) Semua Komponen Dikembangkan Sendiri*

## [ Peralatan Incinerator yang Dibuat ]

*Untuk Limbah umum, Limbah Industri, Limbah Medis, Limbah Khusus, System Insinerasi Suhu Tinggi, Sistem Insinerasi Peleburan.*

## [ Pembuatan Sesuai Pesanan ]

*-System Pemanas Biomass, Sistem Pemanas Limbah, Pemanas Udara untuk Pertanian*

*-System Kabonisasi Tanpa Asap Bumer Ultra Rendah Nox Burner Inframerah jauh*

- ✓ Produk Standar : PMT 10,20,30,40,50,60 & 70
- Opsi Pemanfaatan Panas (Air Panas / Uap / Udara Panas)
- Pembakaran Limbah Umum, Medis, dan Plastik

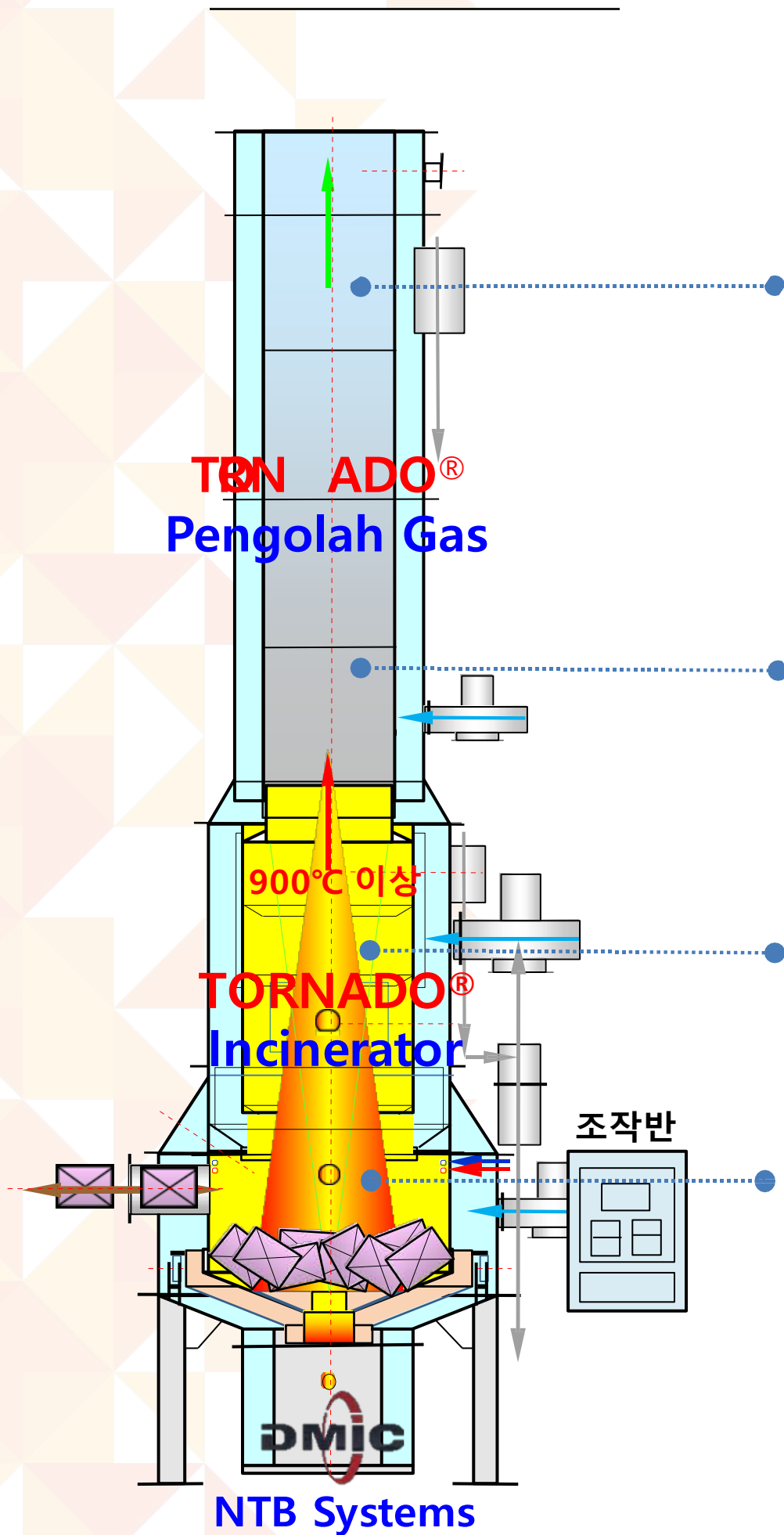
Mempertahankan Suhu Tinggi Tanpa Pemanasan Awal

Penguraian Sempurna Zat Berbahaya

Pengumpul Debu Gas Buang Berkinerja Sangat Tinggi

Biaya Pemeliharaan Rendah





Berkinerja Tinggi

**Pengumpulan Debu & Pembersihan**

Berkinerja Tinggi

**Pendinginan & Netralisasi**

Ruang Pembakaran Putar Cepat & Sempurna / *High-Speed Swirl Complete Combustion Chamber*

Ruang Reaksi Pirolisis & Reformasi Gas Suhu Tinggi

**NTB Systems**

## ※ Pengajuan Pengukuran & Hasil

Kategori	Keterangan
Nama Model	Tornado DM(MK)-150 (Insinerator Gasifikasi Putar Berkecepatan Tinggi)
Spesifikasi Incinerator	<ul style="list-style-type: none"> <li>Kapasitas Pembakaran: 150 kg/jam</li> <li>Metode Pembakaran: Sistem pemasukan batch (sekali masuk)</li> <li>Jenis Limbah yang Dibakar: <i>Limbah kayu: 20%, Limbah kertas: 15%, Limbah tekstil: 10%, Limbah plastik/resin: 45%, Lain-lain: 10%</i></li> </ul>

Hasil Pengujian dan Pengukuran							
Parameter Uji	Baku Mutu yang Diizinkan	Hasil Pengukuran	Ket	Parameter Pengujian	Batas yang diizinkan	Hasil Pengukuran	Ket
O <sub>2</sub>	- %	12.02		Benzena	30 ppm	0.01	
Debu	100 mg/Sm <sup>2</sup>	62.98		Fenol	10 ppm	Tidak terdeteksi	
SO <sub>x</sub>	100 ppm	Tidak Terdeteksi	=none	Br	5 ppm	0.078	
NO <sub>x</sub>	150 ppm	42.89		As	0.1 mg/Sm <sup>2</sup>	Tidak terdeteksi	
CO	300 ppm	14.44		Hg	0.5 mg/Sm <sup>2</sup>	Tidak Terdeteksi	
Asap	2°	1		Cu	10 mg/Sm <sup>2</sup>	Tidak Terdeteksi	
NH <sub>3</sub>	100 ppm	0.63		Cr	0.5 mg/Sm <sup>2</sup>	Tidak Terdeteksi	
HCl	50 ppm	22.35		Zn	10 mg/Sm <sup>2</sup>	0.52	
HF	3 ppm	0.790		Pb	5 mg/Sm <sup>2</sup>	Tidak Terdeteksi	
Cl <sub>2</sub>	10 ppm	1.20		Ni	20 mg/Sm <sup>2</sup>	Tidak Terdeteksi	
HCN	10 ppm	0.11		Cd	0.2 mg/Sm <sup>2</sup>	Tidak Terdeteksi	
H <sub>2</sub> S	10 ppm	0.088		Kecepatan Aliran	- m/sec	12.32	
CS <sub>2</sub>	30 ppm	Tidak Terdeteksi		Kapasitas Aliran	- m <sup>2</sup> /mim	43.46	
HCHO	10 ppm	0.463		Di bawah batas deteksi (ND)			

※ Hasil permintaan pengukuran memenuhi batas yang diizinkan.

TORNADO® System Korea (Ukuran Kecil) 300 kg/2hr –Batch Loading : Sistem Penangkap Debu			Pengukuran dan Pengujian 25 Zat Berbahaya termasuk Dioxin pada Emisi	독일 Thermo-Select System (대형) 400Ton/Day, Auto-Loading : Sistem Pengolahan Gas Buang			
Standar Emisi	Volume Emisi	Tingkat Emisi		Tingkat Emisi (%)	Tingkat Emisi (%)	Baku mutu Emisi	
5.0	0.038	0.76	Kadar Dioxin (ng-TEQ/m <sup>3</sup> )	10	0.01	0.1	
300	14.44	4.82	Karbon Monoksida (CO), ppm	20	10	50	
50	22.35	44.7	Hidrogen Klorida (HCl), ppm	20	2	10	
100	N.D.	0	Kadar Sulfur Dioksida (SO <sub>2</sub> ), ppm	20	10	50	
150	42.89	28.6	Nitrogen Dioksida (NO <sub>2</sub> ), ppm	28.5	70	200	
3	0.790	26.3	Hidrogen Fluorida (HF), ppm	20	0.2	1.0	
0.2	N.D.	0	Senyawa Kadmium (Cd), mg/Sm <sup>3</sup>	20	0.01	0.05	
0.5	N.D.	0	Senyawa Merkuri (Hg), mg/Sm <sup>3</sup>	33.3	0.01	0.03	
45.5	0.52	1.1	Logam Berat Lainnya (ΣHM), mg/Sm <sup>3</sup>	6.0	0.03	0.5	
100	32.98	32.98	Debu (Dust), mg/Sm <sup>3</sup>	30	3	10	
2	N.D.	0	Asap (Smoke), derajat	0	N.D.	2	
100	0.60	0.6	Amonia (NH <sub>3</sub> ), ppm	Karbon Disulfida (CS <sub>2</sub> )	0	N.D.	30
10	0.088	0.88	Hidrogen Sulfida (H <sub>2</sub> S)	Senyawa Fenolik	0	N.D.	10
10	0.11	1.1	Hidrogen Sianida (HCN)	Senyawa Arsenik (As)	0	N.D.	0.1
5	0.079	1.6	Senyawa Brom	Senyawa Kromium (Cr)	0	N.D.	0.5
30	0.01	0.03	Senyawa Benzena (C <sub>6</sub> H <sub>6</sub> )	Senyawa Timbal (Pb)	0	N.D.	5
10	0.463	4.6	Formaldehida (CH <sub>2</sub> O)	Senyawa Tembaga (Cu)	0	N.D.	10



# Certificate of Registration

## NEWWORLD ENC CO., LTD.

1-22nd, 45, Seokshin 2-dl, Mijang-dong, Anyang-si, Gyeonggi-do, Republic of Korea

This is to certify that Environmental Management System of the company mentioned above meets the requirements of

## ISO 14001:2015 / KS I ISO 14001:2015

### SCOPE

1. Design, Development and Manufacture of Semiconductor Equipment Parts(Pipes)
2. Construction of Semiconductor Equipment and Piping Installation Works

Certificate Number: 052-E-1814      Issue Date: 2024. 07. 19  
 Initial Certification: 2024. 07. 19      Expiry Date: 2027. 07. 18

*Signature*  
 Director

## Global Systems Register Co., Ltd.



4011, 201, Gyeongdong-daero, Gyeonggi-do, Incheon, Republic of Korea.  
 TEL: +82-32-520-8881    FAX: +82-32-520-8889    www.gsr.or.kr  
 This certificate is the property of Global Systems Register and is valid only if all applicable complete  
 compliance requirements with scope for certificate conditions are met.  
 Authority: authorized. Subject: any of the gsr of  
 Global Systems Register Co., Ltd. has been accepted by Korea Accreditation Board(KAS)  
 as an Environmental Management System certification body.  
 Laboratory number: KAS-20-180



# Certificate of Registration

## NEWWORLD ENC CO., LTD.

Building 46, Seoncheon-gil, Wonsan-siyeon, Anseong-si, Gangwon-do, Republic of Korea.

This is to certify that Quality Management System of the company mentioned above meets the requirements of

## ISO 9001:2015 / KS Q ISO 9001:2015

### SCOPE

1. Design, Development and Manufacture of Semiconductor Equipment Parts/Pipes
2. Construction of Semiconductor Equipment and Piping Installation Works

Certificate Number: GSR-Q-2014

Issue Date: 2024. 07. 18.

Initial Certification: 2024. 07. 18.

Expiry Date: 2027. 07. 18.

*Signature*  
President

## Global Systems Register Co., Ltd.



4815, 2F, Bupyeong-daero, Bupyeong-gu, Incheon, Republic of Korea

TEL: +82 (0) 52-521-9000 FAX: +82 (0) 52-521-4500 www.gsr.or.kr

This certificate is the property of Global Systems Register and is valid only if the registered company is continuously re-evaluated and within the specified certification cycle.

Additional information: please refer to www.gsr.or.kr

© Global Systems Register Co., Ltd. has been certified by Korea Accreditation Board (KAS) as a Quality Management System certification body (certification number: 248-0777)



# Certificate of Registration

## NEWWORLD ENC CO., LTD.

Endang, 44, Surodewi-gil, Wangkajene, Makassar, Sulawesi-Sel. Republic of Korea.

This is to certify that Occupational Health and Safety Management System of the company mentioned above meets the requirements of

## ISO 45001:2018 / KS Q ISO 45001:2018

### SCOPE

- I. Design, Development and Manufacture of Semiconductor Equipment Parts/Figures
- II. Construction of Semiconductor Equipment and Piping Installation Works

Certificate Number: GSR-O-2014

Issue Date: 2024. 07. 19.

Initial Certification: 2024. 07. 19.

Expiry Date: 2027. 07. 18.

*Signature*  
President

## Global Systems Register Co., Ltd.

8013, 81, Bupyeong-dong, Bupyeong-gu, Incheon, Republic of Korea.

TEL: +82-32-829-9881 FAX: +82-32-829-9888 [www.gsr.or.kr](http://www.gsr.or.kr)

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Additional conditions: (subject to audit) as seen per file

Global Systems Register Co., Ltd. has been accredited by Korea Accreditation Authority (KAS) as an Occupational Health and Safety Management System certification body.  
(Registration number: GSR-01-08)



040000-08

# TEST REPORT



한국산업기술시험원  
Korea Testing Laboratory

Report No. : 21-041325-06-1

Page of Pages : ( 1 ) / ( 3 )



## 1. Client

Name :

Address :

Date of Receipt :

## 2. Use of Report : For submission

## 3. Test Sample

Description : Small incinerator

Manufacturer :

Model Name : (100 kg/h)

Serial Number : -

Remark : -

## 4. Date of Test :

## 5. Location of Test :

KTL Permanent Test Lab

On Site Testing (Address : Refer to attachment)

## 6. Test Standard/Method : Measurement and analysis according to the air pollution process test standard and the persistent organic pollutant test standard

## 7. Test Results : Refer to attached results

- Note :
1. This report is limited to samples submitted by the applicant and is prohibited from being used for legal or other reasons of dispute.
  2. This document is valid only in its original document, and any reproduced copies and electronic copies are not valid. ("Original" means all the reports provided by the KTL including the security procedures.)
  3. You can check the contents of the report by scanning the 2D Barcode below. The identity of original reports can be checked in the "Confirm original report" window of the customer's homepage (customer.ktl.re.kr).

Affirmation	Tested by Name : Kim Nam Youl	 (Signature)	Technical Manager Name : PARK INCHOOOL	 (Signature)
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## Korea Testing Laboratory

87, Digital-ro 26-gil, Guro-gu, Seoul, KOREA Tel.+82-2-860-1683 Fax. +82-2-860-1679

FP104-07-00

## Test Results

### 1. Overview of test

- 1.1 Company name :
- 1.2 Title of Test : Measurement and analysis of air pollutants and dioxin in small incinerator  
(100 kg/h)
- 1.3 Date of Test :
- 1.4 Test site :
- 1.5 Test Items : Air pollutants(Fluoro compound, Bromine compound etc), dioxin
- 1.6 Test method : Measurement and analysis according to the air pollution process test standard  
and the persistent organic pollutant test standard under the operating conditions  
suggested by the test client

### 2. Specifications of main measurement equipment

- 2.1 Dust Sampler
  - A. Model : CAE
  - B. Manufacturer : CAE(U.S.A)
- 2.2 Gas Analyzer
  - A. Model : MK 6000
  - B. Manufacturer : rbr Messtechnik GmbH(Germany)
- 2.3 Gas Sampler
  - A. Model : G700
  - B. Manufacturer : Gnt-tech Co.(Korea)

### 3. Small incinerator and sampling photo



[small incinerator(100 kg/h)]



[Air pollutant sampling]

FP104-08-00

4. Test Results

Test items	Unit	Emission standards	Results
Fluoro compound (HF)	(12)ppm	2 under	0.05
Bromine compound (Br)	ppm	3 under	0.07
Mercury compound (Hg)	(12)mg/Sm <sup>3</sup>	0.05 under	0.0004
Arsenic compound (As)	(12)ppm	0.2 under	0.067
Copper compound (Cu)	mg/Sm <sup>3</sup>	4 under	0.023
Zinc compound (Zn)	mg/Sm <sup>3</sup>	4 under	0.278
Formaldehyde (HCHO)	ppm	8 under	0.14
1,3-Butadiene	ppm	6 under	0.06
Acrylonitrile	ppm	2 under	N.D
1,2-Dichloroethane	ppm	6 under	N.D
Chloroform	ppm	3 under	N.D
Tetrachloroethylene	ppm	5 under	N.D
Carbon Tetrachloride	ppm	2 under	N.D
Polycyclic Aromatic Hydrocarbon (As Benzo(a)pyrene)	mg/Sm <sup>3</sup>	0.05 under	0.0005
Dioxin	(12)ng-TEQ/Sm <sup>3</sup>	5 under	0.098
Fugitive Dust	mg/Sm <sup>3</sup>	0.4 under	0.086
[Reference] (1) Input waste composition : wood, paper, plastics, textile (2) Emission standards of air pollutants were applied for the incinerator(less than 200 kg/h of incinerator capacity) (3) The result of Fugitive dust was measured at 1 m front of incinerator (4) Rhe test results can be changed by input waste composition and operating conditions.			

(End)

# PENGOLAHAN SAMPAH MENJADI ENERGI (WTE) DI IBU KOTA NUSANTARA (IKN)



Sampah 74 Ton /Hari dan Lumpur 15 Ton /Hari

**KAPASITAS  
PENGOLAHAN**

Luas Area

**22.15HA**

NEWWORLD ENC Co., Ltd. memiliki fasilitas mesin pengolahan sampah berbasis Waste to Energy (WTE) yang telah ditempatkan di kawasan Ibu Kota Nusantara (IKN). Teknologi ini dirancang untuk mengolah berbagai jenis sampah secara efisien dan berkelanjutan, dengan mengonversi limbah menjadi energi yang dapat dimanfaatkan kembali. Kehadiran mesin WTE tersebut menjadi bagian dari kontribusi NEWWORLD ENC Co., Ltd. dalam mendukung pembangunan IKN sebagai kota pintar dan ramah lingkungan melalui pengelolaan sampah yang modern, bersih, dan berorientasi pada keberlanjutan energi.

**30 TON/HARI**

**2 UNIT  
MACHINE**



**MENGHASILKAN 0,5 MW LISTRIK**




# THANK YOU



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