

Compliance

Relationship between Waste Treatment and the Law



Pollution Problems

1970s



Hachioh Co., Ltd. founded.

1972



Mass Production
Mass Waste
Waste Problems

1990s



1. Main Regulations that Apply to the Company

- **Pollution Prevention**
 - Air Pollution Control Law
 - Water Pollution Control Law
 - Soil Contamination Countermeasures Law
 - Noise & Vibration Regulation Laws
 - Offensive Odor Control Law
 - Sewerage Law
 - Law Concerning Special Measures against Dioxins
 - Fluorocarbons Recovery and Destruction Law
- **Safety & Chemical Substances Control Laws**
 - Law concerning Pollutant Release and Transfer Register
 - Poisonous and Deleterious Substances Control Act
 - Industrial Safety and Health Act
 - Ordinances on Prevention of Hazards due to Specified Chemical Substances & Asbestos
 - Ordinance on Prevention of Organic Solvent Poisoning
 - High Pressure Gas Safety Act
 - Fire Service Act
- **Social Issues**
 - Road Traffic Law
 - Basic Act on Establishing a Sound Material-Cycle Society
 - Waste Management Laws
 - Home Appliance Recycling Law
 - Laws on Reduction of Nox & Particulates
- **Preventing Global Warming**
 - Fluorocarbons Recovery and Destruction Law

2. Entity for Legal Compliance

● Compliance & Safety Conference

We hold a compliance and safety meeting every month with managers of each department.

- 1) Exchange information on amendments to laws & regulations
- 2) Departmental progress and measures for safety plans
- 3) Issues and corrective actions report for each department

3. Conditions Maintained at Facilities

No issues existed in the measurement results of incinerator flue gases.

● Measurement results based on the Air Pollution Control Law

Date Collected	Sulfur oxides	Particulates	Hydrogen chloride	Nitrogen oxide
Unit	vol ppm	g/m ³ N	mg/m ³ N	vol ppm
May 12, 2015	<5.0	<0.00	13	73
November 5, 2015	<5.0	<0.00	37	67
May 11, 2016	<5.0	0.00	<10	58

Note: < indicates set limits

● Measurement results are based on the Law Concerning Special Measures against Dioxins

Date Collected	Dioxins
Unit	ng-TEQ/m ³ N
May 12, 2015	2.6
May 11, 2016	0.97

4. Occurrence of Accidents and Complaints

No significant impact outside the premises from either.

Description of Incident	2016
Leak of liquid waste due to causes such as aging container/equipment	11 incidents
Escape of heat, gas or other materials due to communication error	1 incidents
Minor collision of company car or transport vehicle (property damage)	5 incidents



2000s
Environmental Problems
Material-Cycle Society



Today

Managing Chemicals related
to Global Warming/Renewable
Energy



5. Qualification Holders In-house

Certified environmental measurer (concentration.)	1
Industrial waste intermediate treatment facilities technology manager	9
Industrial waste incinerator facilities technology manager	4
Environmental substances management special technologies manager	1
Specially controlled industrial waste management manager	18
Pollution prevention administrator (water quality, type-1)	3
Pollution prevention administrator (water quality, type-4)	2
Pollution prevention administrator (air quality, type-2)	1
Tokyo pollution prevention administrator (water quality, types 1,2)	7
Specific chemical substances operations chief	7
Specific chemical substances, tetra-alkyl lead operations chief	8
Organic solvents operations chief	10
Hazardous work supervisor, low oxygen and hydrogen sulfide	2
Hazardous work supervisor, low oxygen type	7
Hazardous materials handler (Grade A)	5
Hazardous materials handler (Grade B 1 to 6)	15
Refrigerant freon recovery technician	4
General toxic materials handler	12
X-ray operations chief	1
Health Supervisor	1

*Number of qualification holders current as of March 31, 2017.

6. Disclosure of Information

- Ministry of the Environment: Assessment Standards for Determining the Quality of Industrial Waste Treatment Operators

The Assessment Standards for Determining the Quality of Industrial Waste Treatment Operators was started to enable businesses that generate waste to judge for themselves and choose the best industrial waste treatment operator. Our information is also disclosed on the Industrial Waste Information Net on the website of the Waste Management Foundation, a third party organization.

(Industrial Waste Information Net)
<http://www.sanpainet.or.jp/>

7. Number of Plant Visitors

Our plant had the following number of visitors to our plant in 2016, including checks of our premises by businesses that generate waste to our industrial waste treatment facilities.

	2016
Number of Facility Visitors	84

8. Violations of Law and Regulations

Over the past three years, we have received no instructions, recommendations, orders or punishments from regulatory bodies for serious violations of laws or regulations or for exceeding standards.