

Education and Training for Industrial Wastes Generators and Processors

July 2023

Japan Industrial Waste Information Center

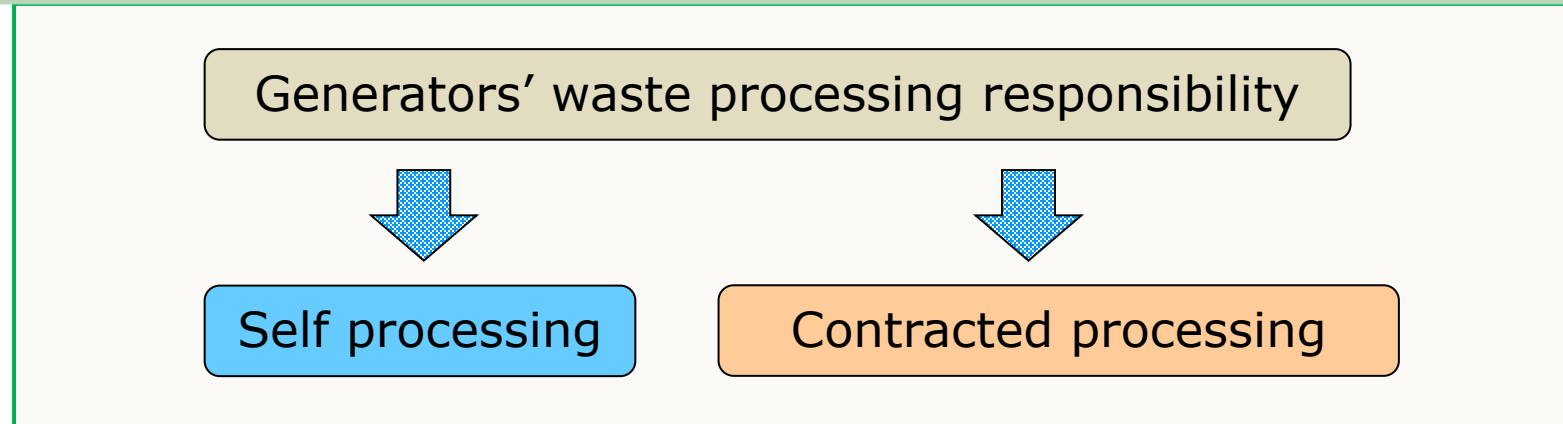


Purposes

The JW Center provides various education and training courses for generators, and transporters and disposers of industrial wastes so as to let them **acquire the specialized knowledge and skills required for the proper management of industrial wastes.**



Requirements by the Waste Management Law



■ Contracted processing

Transporters and **disposers** of contracted wastes should acquire "sufficient knowledge and skills for proper management" which is required by the law to apply for the business licenses.

■ Generators managing specific industrial waste

Generators should acquire the qualification for managers that are required by the law.

Those three above should take training courses and pass the exam.

JW Center provides education and training courses for them.

Courses and Formats provided by JW Center

1. Courses

1. Education and training courses for **managers of the specially controlled industrial wastes**
2. Courses for applying for the **business licenses for the transportation and disposal** of industrial wastes or the specially controlled industrial wastes (for new or renewal applications)
3. Course for the **collection and transportation of PCB wastes.**

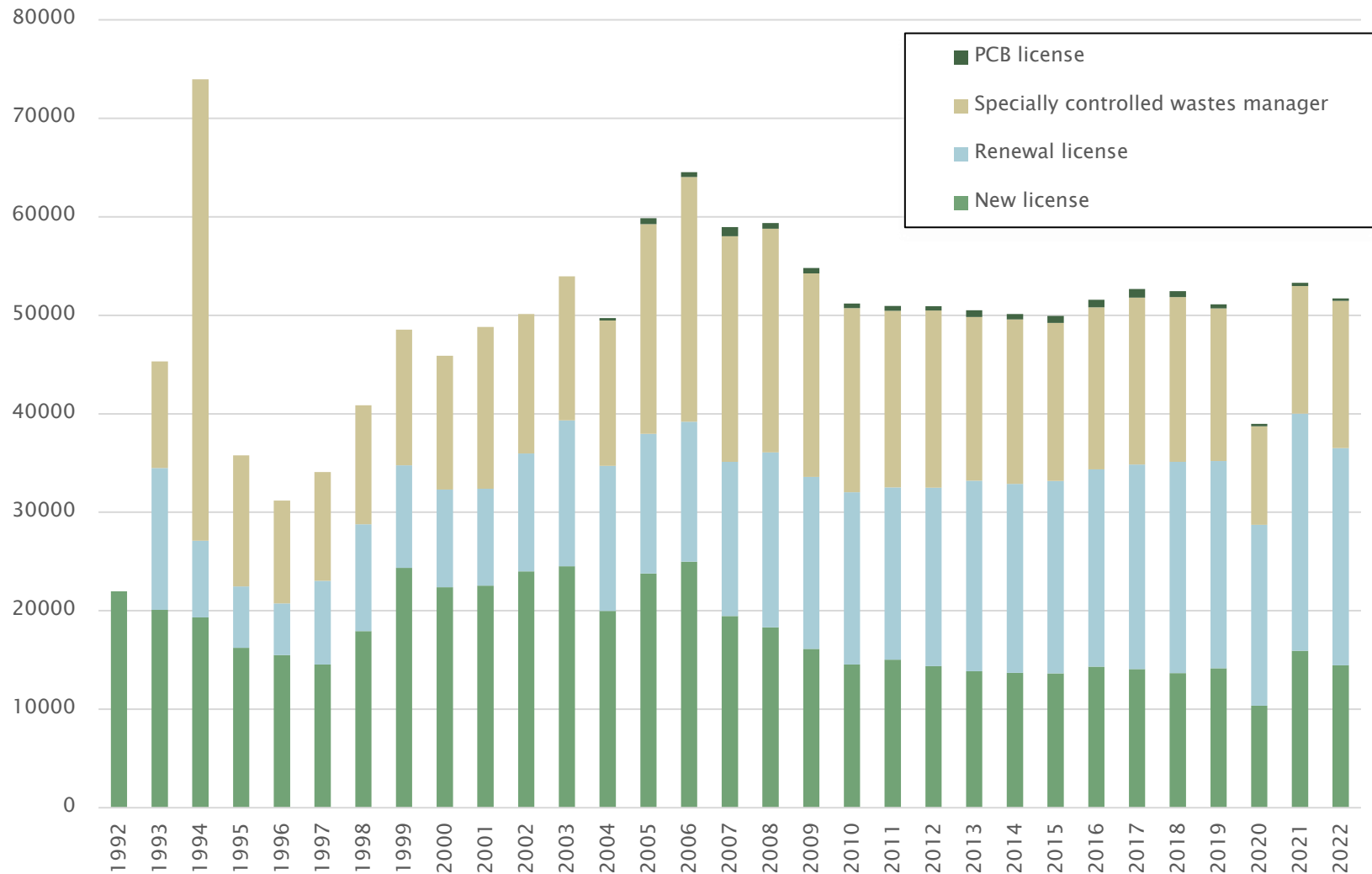
2. Formats

1. venue participation format
2. On-demand format (Exams must be taken on venue.)

Performance in FY2022

Course	Times	The number of participants
For managers of the specially controlled industrial wastes	227	14,952
For applying for the business licenses ▶For new applications	276	14,469
For applying for the business licenses ▶For renewal applications	414	22,049
For the collection and transportation of PCB's wastes	9	246
Total	926	51,716

Participants to JW Center training courses since 1992



1. Courses for Managers of the Specially Controlled Industrial Wastes

- ❑ The Waste Management Law requires that businesses who have places of business where specially controlled industrial waste is generated as a result of the business activities shall appoint a specially controlled industrial waste manager in each place of business in order to perform their work associated with specially controlled industrial waste management appropriately.(Article 12-2 8)
- ❑ The specially controlled industrial waste manager to be appointed under the provision of the preceding paragraph shall **possess the qualification specified in the Ordinance** of the Ministry of the Environment.(Article 12-2 9)
- ❑ Qualifications specified in the Ordinance
 - For infectious industrial waste
Physician, Dentist, Pharmacist, Veterinarian, Nurse, Laboratory technician, Environmental sanitation supervisors (with 2 years experience) ,
Or proved to have same level of knowledge above-mentioned
 - For other specially controlled industrial wastes
University graduates with work experience of 2 years, high school graduate with work experience of 7 years, or proved to have same level of knowledge above-mentioned
- ❑ **All of the prefectural governors have certified the person who completing the JW Center course as person who has same level of knowledge above-mentioned.**

Curriculum

- This course aims to provide knowledge and techniques essential to specially controlled industrial waste for the personnel being required the qualification of specially controlled industrial waste manager.
- The curriculum covers the outline of the Waste Management Law (2.5 hrs.) and the management for the specially controlled industrial wastes (3 hrs.). At the end of the course, participants must take an examination with 20 questions (30min) . Those who get 70% and more right answers pass the examination. Those who failed the examination can take the examination again later, but up to twice.
- **Schedule** (venue participation format:1 day)

8:40~	9:10~	9:30~	11:50~	12:50~	15:50~ 16:40
Reception	Guidance	Outline of the Waste Management Law	Lunch Break	Management for the specially controlled industrial wastes	Exam.

※ In the on-demand format, participants will be required to watch these same hours of lecture videos online. The exam must be taken at the venue.

2. Courses for applying for the business licenses for the transportation and disposal of industrial wastes

- ❑ The Waste Management Law requires that those who run the businesses of industrial wastes collection and transportation, treatment and disposal should obtain a license from the competent prefecture governor or city mayor.
- ❑ There are four types of the business licenses.
 1. To collect and transport the industrial waste
 2. To treat and dispose of the industrial waste
 3. To collect and transport the specially controlled industrial waste
 4. To treat and dispose of the specially controlled industrial waste
- ❑ These licenses must be renewed every 5 or 7 year.
- ❑ When applying the license, applicant must meet the law requirement of having knowledge and skills sufficient to accurately collect or transport industrial wastes.
- ❑ All of the prefectural governors and city mayors have certified the person who took the JW Center course and passed the examination as person who has knowledge and skills sufficient to accurately collect or transport industrial wastes.

Curriculum for new application of collection and transportation of industrial wastes

- The curriculum covers the outline of the Waste Management Law (4.5 hrs.) , safety and health management (2 hrs.), the outline of environmental issues and sound material-cycle society (1.5 hrs.), operational control (2 hrs.) and waste transportation (2 hrs.). At the end of the course, participants must take an examination with 37 questions (40min) . Those who get 70% and more right answers pass the examination. Those who failed the examination can take the examination again later, but up to twice.
- **Schedule** (venue participation format:2days)

8:40~	9:10~	9:30~	12:00~	13:00~	15:00~16:50	
Reception	Guidance	Outline of the Waste Management Law	Lunch Break	Outline of the Waste Management Law	Safety and health management	
9:00~		10:30~	11:30~	12:30~	13:30~	15:40~ 16:40
Outline of environmental issues and sound material-cycle society		Operational control	Lunch Break	Operational control	Waste transportation	Exam.

※ In the on-demand format, participants will be required to watch these same hours of lecture videos online. The exam must be taken at the venue.

Curriculum for new application of treatment and disposal of industrial wastes

- The curriculum covers the outline of the Waste Management Law (5 hrs.) , the outline of environmental issues and sound material-cycle society (1.5 hrs.), waste treatment and recycling (4 hrs.), landfill (3 hrs.), safety and health management (2 hrs.), operational control (2 hrs.) and measurement methods (1.5 hrs.). At the end of the course, participants must take an examination with 54 questions (50min) . Those who get 70% and more right answers pass the examination. Those who failed the examination can take the examination again later, but up to twice.
- **Schedule** (venue participation format:3days)

8:40~	9:10~	9:40~	12:00~	13:00~	15:40~17:00	
Reception	Guidance	Outline of the Waste Management Law	Lunch Break	Outline of the Waste Management Law	Outline of environmental issues and sound material-cycle society	
9:00~			12:00~	13:00~	14:00~17:00	
Waste Treatment and Recycling			Lunch Break	Waste Treatment and Recycling	Landfill	
9:00~		11:00~	12:00~	13:00~	14:00~	15:30~16:30
Safety and health management		Operational control	Lunch Break	Operational control	Measurement methods	Exam.

※ In the on-demand format, participants will be required to watch these same hours of lecture videos online. The exam must be taken at the venue.

Curriculum for new application of collection and transportation of specially controlled industrial wastes

- The curriculum covers the outline of the Waste Management Law (4.5 hrs.), operational control (2 hrs.), the outline of environmental issues and sound material-cycle society (2 hrs.), specially controlled industrial wastes (2 hrs.), safety and health management (3 hrs.) and waste transportation (3 hrs.). At the end of the course, participants must take an examination with 49 questions (50min) . Those who get 75% and more right answers pass the examination. Those who failed the examination can take the examination again later, but up to twice.
- **Schedule** (venue participation format:3days)

8:40~	9:10~	9:30~	12:00~	13:00~	15:00~17:00
Reception	Guidance	Outline of the Waste Management Law	Lunch Break	Outline of the Waste Management Law	Operational control
9:00~	11:00~	12:00~	13:00~	14:00~17:00	
Outline of environmental issues and sound material-cycle society	Specially controlled industrial wastes	Lunch Break	Specially controlled industrial wastes	Safety and health management	
9:00~	12:10~13:20				
Waste transportation	Exam.				

※ In the on-demand format, participants will be required to watch these same hours of lecture videos online. The exam must be taken at the venue.

Curriculum for new application of treatment and disposal of specially controlled industrial wastes

- The curriculum covers the outline of the Waste Management Law (5 hrs.) , the outline of environmental issues and sound material-cycle society (2 hrs.), specially controlled industrial wastes (2 hrs.), safety and health management (3 hrs.), measurement methods (2 hrs.), waste treatment and recycling (5 hrs.), landfill (3 hrs.) and operational control (2 hrs.). At the end of the course, participants must take an examination with 65 questions (60min) . Those who get 75% and more right answers pass the examination. Those who failed the examination can take the examination again later, but up to twice.
- **Schedule** (venue participation format:4days)

8:40~	9:10~	9:40~	12:00~	13:00~15:40	
Reception	Guidance	Outline of the Waste Management Law	Lunch Break	Outline of the Waste Management Law	
9:00~		11:00	12:00~	13:00~	14:00~17:00
Outline of environmental issues and sound material-cycle society		Specially controlled industrial wastes	Lunch Break	Specially controlled industrial wastes	Safety and health management
9:00~		11:00	12:00~	13:00~17:00	
Measurement methods		Waste treatment and recycling	Lunch Break	Waste treatment and recycling	
9:00~			12:00	13:00~	15:00~16:00
Landfill			Lunch Break	Operational control	Exam.

※ In the on-demand format, participants will be required to watch these same hours of lecture videos online. The exam must be taken at the venue.

Curriculum for renewal application of collection and transportation of industrial wastes and specially controlled industrial wastes

- The curriculum covers the outline of the Waste Management Law (3 hrs.), safety and health management(1.5 hrs.) and wastes transportation (1.5 hrs.). At the end of the course, participants must take an examination with 22 questions (30min) . Those who get 70% and more right answers pass the examination. Those who failed the examination can take the examination again later, but up to twice.
- **Schedule** (venue participation format:1 day)

8:40~	9:05~	9:20~	12:10~	13:10~	14:40~	16:10~ 17:00
Reception	Guidance	Outline of the Waste Management Law	Lunch Break	Safety and health management	Waste transportation	Exam.

※ In the on-demand format, participants will be required to watch these same hours of lecture videos online. The exam must be taken at the venue.

Curriculum for renewal application of treatment and disposal of industrial wastes and specially controlled industrial wastes

- The curriculum covers the outline of the Waste Management Law (3.5 hrs.) , waste treatment and recycling (2.5 hrs.), landfill (1.5 hrs.) and safety and health management (1.5 hrs.). At the end of the course, participants must take an examination with 28 questions (30min) . Those who get 70% and more right answers pass the examination. Those who failed the examination can take the examination again later, but up to twice.
- **Schedule** (venue participation format:2days)

8:40~	9:05~	9:30~	11:50~	12:50~	14:00~16:30
Reception	Guidance	Outline of the Waste Management Law	Lunch Break	Outline of the Waste Management Law	Waste treatment and recycling

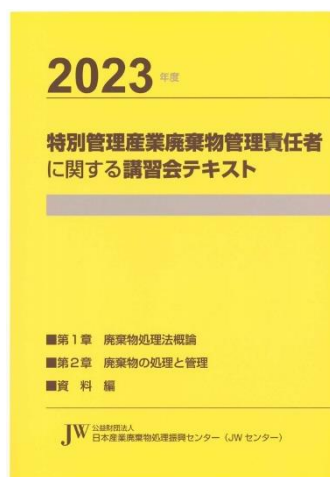
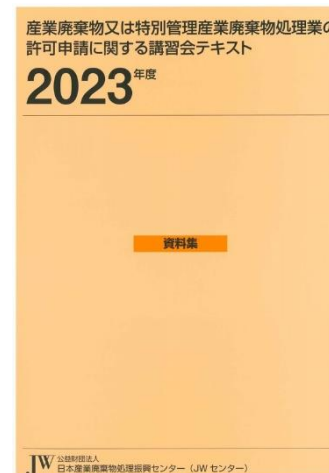
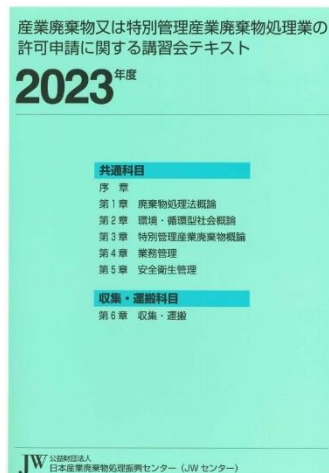
9:00~	10:40~13:00	12 : 10
Landfill	Safety and health management	Exam.

※ In the on-demand format, participants will be required to watch these same hours of lecture videos online. The exam must be taken at the venue.

Fees

Courses	On-demand format	Venue participation format
Managers of the Specially Controlled Industrial Wastes	13,200 yen	13,750 yen
new application of collection and transportation of industrial wastes	25,300 yen	29,700 yen
new application of treatment and disposal of industrial wastes	39,600 yen	48,400 yen
new application of collection and transportation of specially controlled industrial wastes	37,400 yen	46,200 yen
new application of treatment and disposal of specially controlled industrial wastes	56,100 yen	-
renewal application of collection and transportation of industrial wastes and specially controlled industrial wastes	16,500 yen	19,800 yen
renewal application of treatment and disposal of industrial wastes and specially controlled industrial wastes	20,900 yen	24,200 yen

Textbooks



Workshop

- ❑ Workshops are held for generators. The objective is to help companies learn basic knowledge and practical points about proper management of industrial waste, including the Waste Disposal and Public Cleansing Law, consignment contracts, manifest operations, and other aspects of waste management.
- ❑ Live Streaming Format
- ❑ Fee : 6,600 yen

