

Initiatives to Prevent Pollution

Our policies and approach

The Toagosei Group complies with laws and regulations, ordinances, and internal standards on air, water quality, and chemical substances, and work to reduce our environmental impact. We measure and monitor emissions and discharges regularly, ensuring early detection of anomalies and thorough corrective and preventive action.

Chemical substance emissions reduction

Each business site conducts appropriate notifications and management under the "Law concerning Pollutant Release and Transfer Register (PRTR Law)." In 2023, we promptly identified and addressed the additional target substances. As a result, we confirmed releases of sodium chlorate into water resources and submitted the required notification accordingly. Looking ahead, we will make efforts to monitor and reduce emissions of newly added target substances together with existing substances.

Emissions of principal substances subject to PRTR (t)

Major emissions	2024	2025
Sodium chlorate	46	68
Chloromethane (methyl chloride)	31	20
Methyl acrylate	4.7	5.1
Chloroethylene (vinyl chloride)	3.1	5.0
Toluene	1.2	1.7

Atmospheric pollution control

*Trends in emissions of NO_x, SO_x, etc.

By properly managing our combustion equipment, we comply with regulatory limits on soot and smoke, and monitor total emissions of sulfur oxides (SO_x) and nitrogen oxides (NO_x).

Exhaust gas monitoring trends (t)

		2022	2023	2024	2025
Toagosei	SO _x	40	46	42	36
	NO _x	71	61	73	62
	Fly ash	5	4	7	7
Aronkasei	SO _x	0	0	0	0
	NO _x	0	0	0	0
	Fly ash	0	0	0	0
Group companies in Japan	SO _x	40	46	42	36
	NO _x	71	61	73	62
	Fly ash	5	4	7	7

Rational use and proper management of fluorocarbons

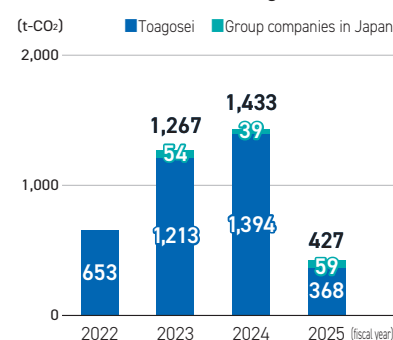
In accordance with the Act on Rational Use and Proper Management of Fluorocarbons, the Group properly maintains and manages covered equipment and facilities, and takes measures to prevent fluorocarbon leaks. The Toagosei Group is rolling out a refrigerant management system (RaMS) to support proper management of covered equipment, including basic inspections and periodic inspections. Calculated on a non-consolidated basis, our fluorocarbon leakage volume for FY2025 was 368 t-CO₂. Calculated on a Group basis, our fluorocarbon leakage volume was 427 t-CO₂. We will continue working to prevent fluorocarbon leaks going forward.

Fluorocarbon leakage

(t-CO₂)

Business sites	Volume discharged
Nagoya Plant	141
Yokohama Plant	31
Tokushima Plant	10
Oita Plant	174
Kawasaki Plant	5
Head Office	7
Total	368
Aronkasei	59

Trends in fluorocarbon leakage volume



TOPICS

Manufacturing of ocean-friendly, environmentally considerate products: "Aron Alpha Tsurimeijin" Soft & Low-Whitening

"Aron Alpha Tsurimeijin" Soft & Low-Whitening is an instant glue recommended for reinforcing fishing line knots, making and repairing floats and lures, and repairing guides, among other uses. The cured adhesive has been confirmed to be biodegradable in soil, seawater, and sediment, meaning it breaks down through microbial action. For this reason, should the adhesive be accidentally lost in a natural environment, it is expected to have a reduced environmental impact.

