# **Environmental Impact Data for SHI Group Works**

\*CO2 emissions and electric power consumption are given based on actual usage but excluding solar power generation and renewable energy purchases

## Tanashi Works

Established in 1938

- ISO14001 (Acquired Aug. 1998 [Unified]) Site area: 40,706m<sup>2</sup>
- Building area: 14,368m<sup>2</sup> Main products: Cryogenic equipment, defense equipment

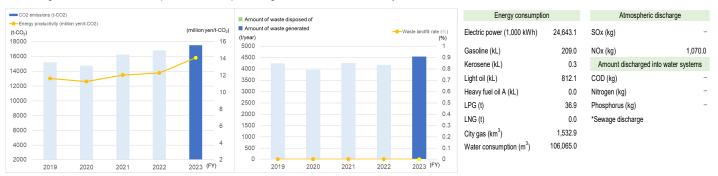


Energy consumption Atmospheric discharge Electric power (1,000 kWh) 9,535.0 SOx (kg) Gasoline (kL) 0.1 NOx (kg) Kerosene (kL) 0.9 Amount discharged into water systems COD (kg) Light oil (kL) 11.2 Heavy fuel oil A (kL) 0.0 Nitrogen (kg) LPG (t) 0.0 Phosphorus (kg) LNG (t) \*Sewage discharge 0.0 2.1 City gas (km<sup>3</sup>) Water consumption (m<sup>3</sup>) 12 642 0

#### Chiba Works

Established in 1965 ■ ISO14001 (Acquired Aug. 1998 [Unified]) Site area: 297,039m<sup>2</sup>

■ Building area: 127,800m<sup>2</sup> ■ Main products: Plastic processing machines, metallic molds, hydraulic excavators

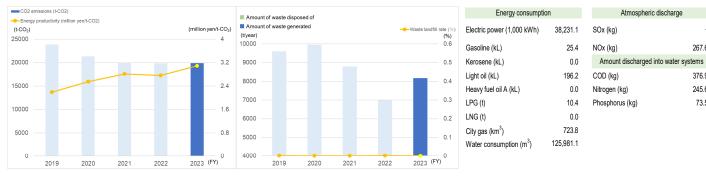


## Yokosuka Works

Established in 1971

■ Site area: 523,000m<sup>2</sup> ■ ISO14001 (Acquired Aug. 1998 [Unified])

■ Building area: 170,635m<sup>2</sup> ■ Main products: Stage systems, system controllers, laser processing systems, semiconductor manufacturing equipment (molding machines), precision forgings, ships

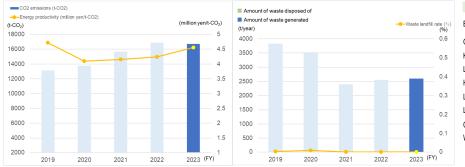


## Nagoya Works

Established in 1961

■ ISO14001 (Acquired Aug. 1998 [Unified]) ■ Site area: 293,000m<sup>2</sup>

Building area: 90,000m<sup>2</sup> ■ Main products: Power transmission and controls, gear motors, inverters, construction cranes



Energy consumption		Atmospheric discharge
Electric power (1,000 kWh)	28,348.0	SOx (kg)
Gasoline (kL)	38.4	NOx (kg)
Kerosene (kL)	0.0	Amount discharged into water sy
Light oil (kL)	135.5	COD (kg)
Heavy fuel oil A (kL)	0.0	Nitrogen (kg)
LPG (t)	8.0	Phosphorus (kg)
LNG (t)	0.0	
City gas (km <sup>3</sup> )	1,397.9	
Water consumption (m <sup>3</sup> )	152,150.0	

267.6

376.9

245.6

73.5

23

529.1

90.4

3.6

into water systems

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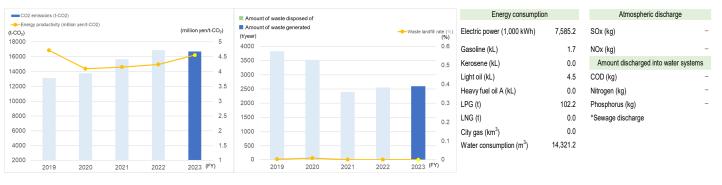
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## Okavama Works

Established in 1948

#### ■ ISO14001 (Acquired Aug. 1998 [Unified]) Site area: 425,000m<sup>2</sup>

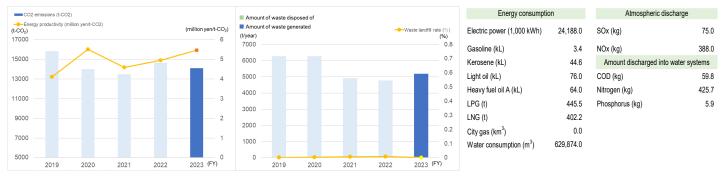
■ Building area: 78,000m<sup>2</sup> ■ Main products: Gear boxes, machine tools, coolant systems



### Ehime Works (Niihama plant)

Established in 1888 ■ ISO14001 (Acquired Aug. 1998 [Unified]) Site area: 418,000m<sup>2</sup>

■ Building area: 203,000m<sup>2</sup> ■ Main products: Forging machinery, medical accelerators, transport machinery, mechanical parking systems, mill rolls



■ Site area: 535,036m<sup>2</sup>

17.0

72.3

389.6

462.0

42.2

## Ehime Works (Saijo plant)

Established in 1973

■ ISO14001 (Acquired Aug. 1998 [Unified])

Building area: 82,222m<sup>2</sup> ■ Main products: Pressure vessels, mixing and blending vessels, coke oven machines

