

# Zeon Corporation – Himi Futagami Plant

## Himi Futagami Plant Profile

### Business Description

Manufacture of optical films

Established in 1991, Zeon Corporation Himi Futagami Plant manufactures optical films.

### No. of Employees

As of April 1, 2022: 342 (304 men, 38 women)

Hiring in FY2021: 15 (13 men, 2 women)



Himi Futagami Plant (Himi district)



Himi Futagami Plant (Futagami district)  
Product image



Large-screen TV made with optical film

## Plant Policy by the Plant Manager

Our Vision for 2030 is that we “create a next generation processing plant.” We aim to become a plant where workers can feel genuinely fulfilled, and one which is environmentally-friendly; a plant where processes are stabilized, digital technologies are utilized, and mass production technologies for new products are established, The plant manager’s policy for FY2022 will involve tackling the priority issues below in the spirit of “Let’s lay the groundwork and transform ourselves into a sustainable *monozukuri* plant.”

### Policy

Let’s lay the groundwork and transform ourselves into a sustainable *monozukuri* plant.

### Priority Issues

1. Realize sustainable *monozukuri* through stable and safe production
2. Contribute to low-carbon society through environmental improvements



Himi Futagami Plant  
Manager  
Fumihiro Naruse

## Safety Initiatives

### Policy

Place safety squarely in the center of all our activities, focus on safe and stable operations in production, and promote visualization and operational reforms in management to maintain and improve safe and comfortable work environments and establish a factory with excellent quality and costs.

### Specific Initiatives

1. Identify the hazards and harms of all machinery and facilities and make improvements to achieve intrinsic safety
2. Undertake basic safety activities and voluntary workplace activities with the participation of all employees to revitalize workplaces and implement cultural reform that put safety first with the aim of continuously improving safety and health standards
3. Provide appropriate education to all relevant persons and comply with laws and regulations and factory regulations relating to health and safety

## Environmental Impact Reductions

### Policy

Eliminate environmental accidents and abnormalities, create workplaces where personnel can work with a sense of security, and strive to be a trusted company while securing living environments where people can lead healthy lives with a sense of security, recognize our responsibility to future generations, contribute to society through production activities in harmony with nature, and reduce our environmental impact and risks.

### Specific Initiatives

1. Pursue zero occurrence of environmental accidents and abnormalities
2. Continuously make environmental improvements
3. Comply with environment-related laws and regulations as well as rules established by the company
4. Promote energy-saving and work to prevent pollution
5. Promote resource recycling and strive to reduce the amount of waste generated
6. Promote environmentally-conscious production technologies and continuously carry out growth strategies

### Environmental Data

\* "0" indicates less than 0.5 tons, and "0.0" indicates less than 0.05 tons

Himi Futagami Plant		FY2017	FY2018	FY2019	FY2020	FY2021
Substances subject to the PRTR Act	Consumption (tons)	1	2	2	1	1
	Emissions (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated before compacting (tons)	3,635	1,493	1,176	958	1,228
	Amount generated after compacting (tons)	3,635	1,493	1,176	958	1,228
	Amount sent to landfills (tons)	0.0	0.0	0.0	0.0	0.0
Atmospheric emissions	CO <sub>2</sub> emissions (tons) Standards on the promotion of energy-saving/global warming countermeasures	36,838	34,583	31,940	31,985	29,260
	CO <sub>2</sub> emissions (tons) Scope 1	382	428	408	385	370
	CO <sub>2</sub> emissions (tons) Scope 2	36,456	34,155	31,532	31,600	28,891
	CO <sub>2</sub> emissions (tons) Scope 1+2	36,838	34,583	31,940	31,985	29,261
	SO <sub>x</sub> emissions (tons)	0.0	0.0	0.1	0.1	0.1
	NO <sub>x</sub> emissions (tons)	0.1	0.2	0.2	0.2	0.2
	Soot emissions (tons)	0.0	0.0	0.0	0.0	0.0
Water resource consumption (1,000 m <sup>3</sup> ) (industrial water + groundwater + waterworks)		87	95	89	108	121
Energy	Consumption (crude oil equivalent, kL)	14,390	14,841	15,425	15,625	15,524
Production equivalent (tons)		150,690	145,829	160,181	179,251	182,680

## Relationship with Employees

### Policy

We aim to develop human resources that prioritize communication and create workplace conditions that allow all employees to demonstrate performance, while valuing a culture of teamwork to achieve continuous reforms and improvements.

### Specific Initiatives

1. Basic education for employees in their first to third years of employment
2. In production sections, improve professional skills using competency assessments
3. Create conditions that facilitate exchanging opinions at company presentations of successful improvement activities
4. Create working conditions that incorporate feedback from women employees and facilitate women demonstrating their potential
5. Improve production processes to create employment for people with disabilities

## Relationship with the Local Community

Creative company development to achieve harmony with civic society.

### Specific Initiatives

#### 1. Community beautification activities

- Participation in the Himi Cleanup Campaign



- Kamitako Early Morning Environmental Patrol (garbage collection)



#### 2. Exchanges with high schools in Toyama Prefecture

We cooperate with high school field trips and work experience opportunities, such as plant tours and internships. These have include those involving Takaoka Kogei High School, Fushiki High School, and Hokuriku Polytechnic College.

### 3. Contribution to the local government authority

Support for Himi Arts Hall



Participation in Manyoshu collection recitation meet

