



Confidence and peace of mind  
brought about by technology

Ecology&Economy

# CORPORATE PROFILE

Company Guide



**五島冷熱株式会社**  
Goshima Thermal Engineering Co.,Ltd.

# A cooling business that exists in harmony with the natural environment

## Ecology & Economy

### Greetings

Thank you for your continued interest and valued support.

We are proud to have reached 52 years in business since our founding by Noboru Goshima in October 1967.

We believe that our business has survived for such a long time thanks to the valued support of our customers, suppliers, sub-contractors, and our employees.

At Goshima Thermal Engineering, filled with gratitude for the past 50 years, and aiming to achieve unending progress for the future, we never forget our Management Philosophy as we carry out our operations.

### Our Management Philosophy

We help our customers advance their businesses with peace of mind and confidence in the safety of their facilities, while also contributing to energy conservation and the protection of the global environment.

We provide cooling technology that enable people to live in harmony with the natural environment. Our customers, sub-contractors, and our company staff members all participate in contributing to the development of this industry.

It is our goal to contribute to society as an environmental solutions company, providing refrigeration and freezing equipment and services that are ecologically and economically beneficial, while following our core values of putting the customer first and continuous improvement through a bottom-up management approach. We hope to continue to receive insight and encouragement from all of our valued partners and customers.

President and Representative Director  
Shigeru Goshima

### [About our engineering staff members]

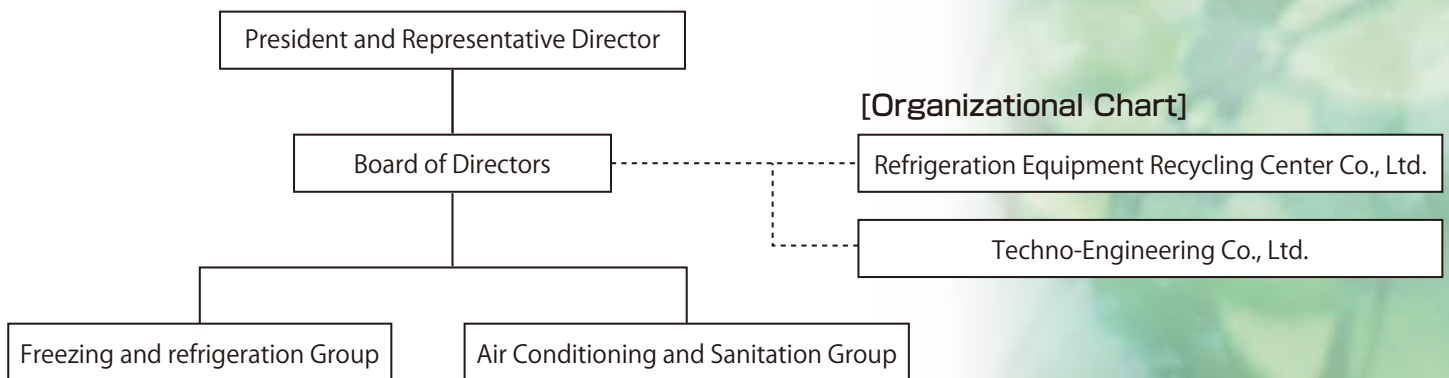
Certifications and licenses	Accrediting bodies	Number of certified engineers
Level 1 plumbing construction management engineer	Ministry of Land, Infrastructure and Transport	3
Class A refrigeration construction safety administrator	High Pressure Gas Safety Institute of Japan	3
First class technician: refrigeration and air conditioning equipment installation	Ministry of Land, Infrastructure and Transport	4
Second class technician: refrigeration and air conditioning equipment installation	Ministry of Land, Infrastructure and Transport	1
Class 2 refrigeration machinery manufacturing safety officer	The Governor of Hokkaido	1
Class 3 refrigeration machinery manufacturing safety officer	The Governor of Hokkaido	2
Frozen foods technology engineer	Japan Society of Refrigerating and Air Conditioning Engineers	1
Technical supervisor	Construction Industry Engineers Center	3
Refrigerant collection engineer	Refrigerants Recycling Promotion and Technology Center	4
Fire prevention engineer	The Governor of Hokkaido	1
Water supply equipment construction chief engineer	Foundation for the Promotion of Water Supply Installation Technology	1



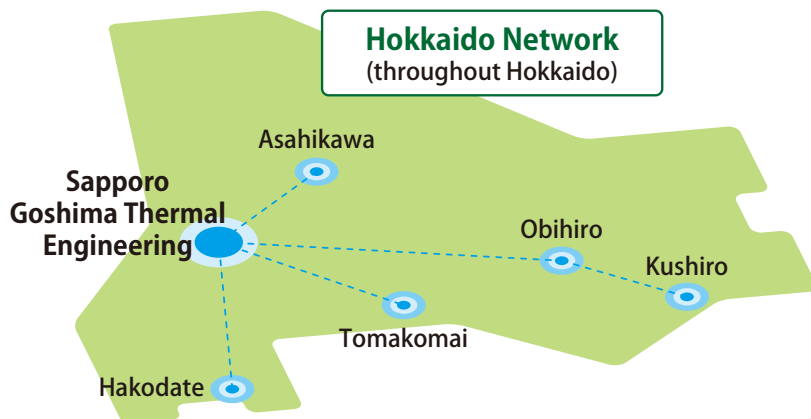
Goshima Thermal Engineering Co., Ltd. designs, constructs, and maintains freezing and refrigeration facilities for food manufacturers and refrigerated product distribution systems (cold chains), cooling and heating facilities for buildings, temperature control facilities for experimental laboratories, and clean rooms.

Our first priority, as we meet the diverse cooling needs of our customers, is to build confidence and peace of mind into every bit of the technology we create.

### [Organizational chart]



### [Affiliated offices]



### [Business History]

- October, 1967 Goshima Reiki Shokai Limited established at Misono 8-jo 6-chome, Toyohira-ku, Sapporo (capital: one million yen)
- December, 1978 Office moved to Higashi Sapporo 4-jo 2-chome, Shiroishi-ku, Sapporo
- August, 1985 Capital increased to 17 million yen
- April, 1995 Moved to a new office at Chuo 1-jo 5-chome 6-14, Shiroishi-ku, Sapporo
- March, 1997 Capital increased to 34 million yen (Tokyo Small and Medium-sized Business Investment & Consultation Co., Ltd.)
- May, 2002 Organization changed and Goshima Reiki became Goshima Thermal Engineering Co., Ltd.
- September, 2010 Approved as a specific contractor (plumbing installation)
- April, 2011 Began selling second-hand refrigeration equipment across Japan / Established our Refrigeration Equipment Recycling Center
- September, 2012 Completed the GR Annex Building
- October, 2017 50th anniversary
- April, 2019 Refrigeration Equipment Recycling Center spun off and established as Freezer Refrigeration Equipment Recycling Center Co., Ltd.

# Complete engineering of freezer, refrigeration, .....

## Design, construction, and maintenance of freezing and refrigeration, air conditioning, and sanitation equipment



### Freezing and refrigeration facilities, medium range temperature air conditioning facilities

(Factories and low temperature distribution centers for agriculture and forestry, fishery, meat, and foodstuffs)

We design, construct, and maintain freezing and refrigeration system for HACCP (Hazard Analysis and Critical Point) applied food plants, to suit the specific needs of each food manufacturer. We are not limited to merely proposing and installing systems obtained from a conventional freezer manufacturer. We have the advantage of being able to design and engineer tailor-made systems that suit the individual customer's needs. Large-scale logistics centers require especially strict temperature controls. For them, we specially design and install freezing and refrigeration systems that feature low cost and easy maintenance.



### Heating and cooling facilities

As subcontractors to major equipment contractors, we perform heating and cooling facility installations in large urban buildings, and particularly in large projects in Hokkaido. We have installed many air conditioning systems and gas heat pump air conditioner systems.

We can boast of our pioneering in this field of construction technology in Hokkaido, and of the large and difficult construction projects that have benefitted from our work.



### Air conditioning facilities for governmental and municipal offices

We receive orders for machinery and facility engineering projects directly from such public agencies as the Sapporo City government, the Hokkaido government, the Ministry of Defense, independent administrative agencies, and legally incorporated foundations.

Specifically, we have received orders from the Sapporo City government for heating and the installation of sanitary facilities at elementary schools and public facilities, as well as machinery facility modification projects in subways.



### Freezing and refrigeration facilities

(Large kitchen facilities in stores,  
hospitals, and hotels)

In the category of large supermarket facilities, we manufactured, delivered, and continue to maintain freezing and refrigeration facilities for the big stores like Ion (Daiei, Postful), Ito Yokado, ARCS, and the Hokkaido Dohoh COOP. These installations include open cases, prefabricated freezers and refrigeration rooms.



### Maintenance and periodic checks

We provide regular checks, cleaning, and service maintenance of products, parts, air conditioning and sanitary facilities related to freezers and refrigeration.



### Special air conditioning facilities

(Governmental and municipal offices,  
schools, laboratories, and food factories)

We design and manufacture temperature control facilities for experimental labs, clean rooms, and constant-temperature and humidity rooms.

This field requires special air conditioning environments that cannot be provided by commercially available air conditioners. In 2003, as a construction sub-contractor for Dalton Co., Ltd., we produced and delivered chemical clean rooms for governmental and municipal research institutes, universities, and biological laboratories.

In 2006, we delivered an ultra-low temperature warehouse for frozen blood to the Japanese Red Cross Hokkaido Block Blood Center as a sub-contractor of Tonets Corporation.



# and environmental facilities



## Sales of related equipment and materials

We sell products, parts, air conditioning and sanitary facilities, related equipment, and consumables related to freezing and refrigeration facilities.

### Product lines

Flash freezing units, rapid cooling units, ice storage tanks, food chillers, prefabricated freezers and refrigerators, ice-makers and ice-making plants, dehumidifiers, air showers, open cases, energy-saving equipment, HACCP (Hazard Analysis and Critical Point) use equipment and materials, and others.



## Refrigerator Recycling Center

We operate the largest portal site, REITOUKI.COM, for recycling second-hand freezing and refrigeration equipment. We encourage the re-use of freezers, coolers, compressors, air-cooled remote condensers, cooling units, low temperature chillers, and related equipment for business-use freezing and refrigeration facilities.



**Freezer Recycle Center**

## Customers as of March 2013

### 1. Construction industry

Takenaka Corporation  
Penta-Ocean Construction Co., Ltd.  
Kumagai Gumi Co., Ltd.  
Nishimatsu Construction Co., Ltd.  
Sato Kogyo Co., Ltd.  
Itogumi Construction Co., Ltd.  
Iwata Chizaki Inc.  
Maruhiko Watanabe Construction Co. Ltd.  
Nakayamagumi Co., Ltd.

### 2. Facilities manufacturers

Takasago Thermal Engineering Co., Ltd.  
Sanken Setsubi Kogyo Co., Ltd.  
Okamura Corporation  
Nakano Refrigerators Co., Ltd.  
Hitachi Appliances Inc.  
Panasonic Corporation  
Dalton Co., Ltd.

### 4. Medical, pharmaceutical, and biotechnology industries

Yakuhon Pharmaceutical Co., Ltd. (Kitahiroshima City)  
Hokkaido University Hospital (Sapporo City)  
Sapporo City General Hospital (Sapporo City)  
Hokkaido Agricultural Research Center, NARO (Sapporo City)  
Hokusan Co., Ltd. (Kitahiroshima City)  
Hokkaido Kenkoukanri Center (Sapporo City)  
Examu Inc. (Sapporo City)

### 5. Governmental and municipal offices, schools, research institutes

Sapporo City Government  
(Fire Bureau, Transportation Bureau,  
Sewerage & Rivers Department and others)  
Central Hokkaido Wholesale Market Iwami  
Hokkaido Research Organization,  
Agriculture Research Department,  
Central Agricultural Experiment Station  
Japan Ground Self-Defense Force  
Tsukigata Prison  
Hokkaido University of Science

### 6. Hotels and restaurants

Jyozankei View Hotel (Sapporo City)  
Sapporo Grand Hotel (Sapporo City)  
Taisei Group Inc., Kaniya (Sapporo City)  
Kinzushi (Sapporo City)  
Kamori Kanko Co., Ltd. (Rusutsu / Teine)  
Nakano Fruits Garden (Naganuma Town)  
Takahashi Bussan Co., Ltd., Kitano Gourmet (Sapporo City)  
Main Store of Yuzuru Co., Ltd. (Sapporo City)

### 8. Logistics centers, warehouses, and distribution machines

IIT Corporation (Ishikari City, Sapporo City)  
Shokuhin Kyuso Corp. (Otaru City)  
Yamaka-Yamaka Unso  
(Sapporo City, Obihiro City, and Shiraoi Town)  
Transis (Eniwa City and Chitose City)  
Kowa Commerce Inc. (Sapporo City)  
Konoike Transport Co., Ltd. (Ishikari City and Chitose City)  
Hokkaido Tsuun (Sapporo City)  
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Coshun Transport Co., Ltd. (Kitahiroshima City)  
Sapporo Air Way Co., Ltd. (Chitose City)  
Sapporo International Air Cargo Terminal Co., Ltd.  
(Chitose City)  
Ralse Seika Center (Ishikari City)  
Kikuchi Shoten Co., Ltd. (Kimobetsu Town)  
Hokkai Kogata Unyu Corporation (Noboribetsu City)  
Tatewakisouko Co., Ltd. (Asahikawa City)  
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Trust System Co., Ltd. (Ishikari City)  
Air Water Butsuryu Co., Ltd. (Sapporo City)  
Nichihei Logistics Hokkaido Inc. (Hokkaido)  
Toprec Corporation (Tokyo)  
Komatsu Customer Support Japan Ltd. Lift Div. (Sapporo City)

### 3. Food industry

- Agriculture and forestry  
Oriental Foods Co., Ltd. (Sapporo City)  
Yamani Tsuji Shoten (Sapporo City)  
Ishidashoten Co., Ltd. (Sapporo City)  
Maruto Seika (Sapporo City)  
Onoseika Co., Ltd. (Sapporo City)  
Hokkaido Mushroom Total Production Laboratory  
(Ishikari City and Kuriyama Town)  
Yamauchi Niko Seika Co., Ltd. (Yoichi Town, Niki Town)  
Taneichi Hydroponic Farm (Misawa City)  
Hinaka Co., Ltd. (Ishikari City)  
  
- Meat  
Abe Gyuniku Kako (Shiraoi Town)  
Kitaichi Meat Co., Ltd. (Sapporo City)  
Kyoei Co., Ltd. (Otaru City)  
Food Collect Co., Ltd. (Otaru City)  
Maruko Sapporo Shokuhan Co., Ltd. (Sapporo City)  
Starzen Co., Ltd., Sapporo branch (Sapporo City)  
Hokkaido Food Co., Ltd. (Sapporo City)  
Hokkaido Chitose Ham (Chitose City)  
HPR Co., Ltd. (Sapporo City)  
  
- Beverage makers, food processing, and retailers  
Towani Co., Ltd. (Hokkaido)  
Hinata Foods Co., Ltd. (Sapporo City)  
Koh-Itten Iwata Co., Ltd. (Chitose City and Ebetsu City)  
Aleph Otaru Beer (Otaru City)  
SOC Brewing Inc. (Ebetsu City)

- Seafood  
Otaru Kanecho Kaji Co., Ltd. (Otaru City)  
Maruman Suisan Co., Ltd. (Mashike Town)  
Hakodate Suisanbutsu Co., Ltd. (Hakodate City)  
Marukichi Ltd. Co. (Abashiri City)  
Rumoi City Seafood Union (Rumoi City)  
Takahiro Co., Ltd. (Sapporo City)  
Tokiwa Kanbutsu Ltd. (Otaru City)  
Torus Co., Ltd. (Sapporo City)  
Takeda Kaisan Co., Ltd. (Ishikari City)  
  
- Daily delivery and dairy products  
Kewpie Egg Corporation (Kitahiroshima City)  
Shinsapporo Milk Co., Ltd.  
Kikusui Co., Ltd. (Ebetsu City)  
Hokkaido Rakunokosha Co., Ltd. (Ebetsu City)  
Hokkaido Warabeya Nichiyo Co., Ltd. (Kushiro City)  
Benkama Co., Ltd. (Sapporo City)  
Nichiroy Baking Co., Ltd. (Sapporo City)  
Kanimeshi Honpo Kanaya (Oshamambe City)  
Yotsuba Milk Products Co., Ltd.  
(Ishikari City, Otofuke Town)  
Hokuryo Co., Ltd. (Kitahiroshima City)  
Ten Food Service Co., Ltd. (Sapporo City)

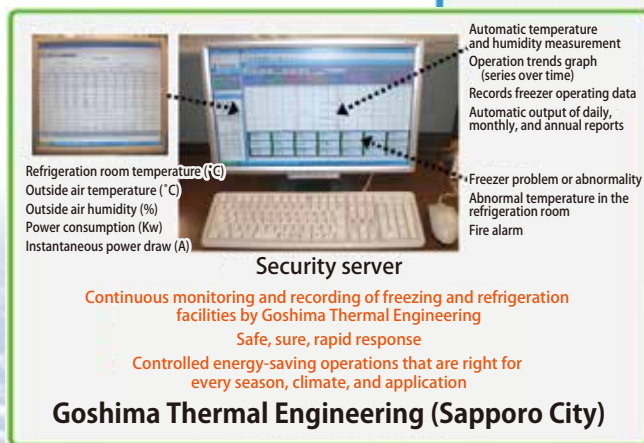
- Food trading companies and others  
Nihon Eiyo Shokuhin Corporation (Sapporo City)  
Takeyama Shokuhin Kogyo Co., Ltd. (Sapporo City)  
Komatsu Syokuhin Co., Ltd. (Otaru City)  
Ichimasa Kamaboko Co., Ltd. (Otaru City)  
Pickles Corporation (Sapporo City)  
Shokusen Co., Ltd. (Otaru City)  
Hokkan Co., Ltd. (Sapporo City)  
Delica Co., Ltd. (Otaru City)  
Rinkou Shokuhin Corporation (Sapporo City)

### 7. Volume sellers

Seven-Eleven Japan Co., Ltd.  
Seicofreshfoods Co., Ltd.  
ARCS (Ralse and Toko Store)  
COOP Sapporo  
Bigliqy (all stores in Dohoh area in Hokkaido)  
A-COOP (Iwamizawa Higashi Store)  
Dailichi Co., Ltd. (Shiroishi Jinja Mae Store)  
Kitano Gourmet (Sapporo City)

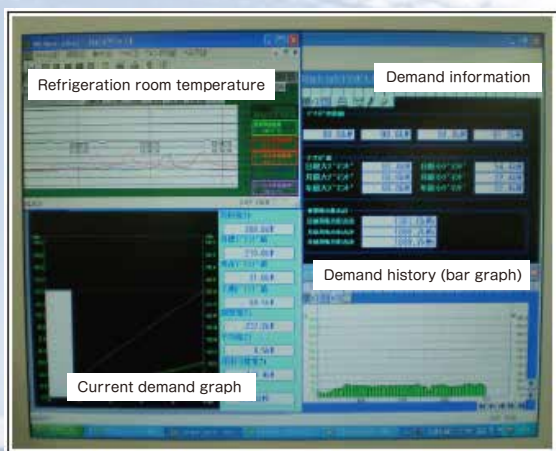
# Cooling technology for ecology and economy

Remote monitor,  
control,  
and record system



Emergency repairs

Internet

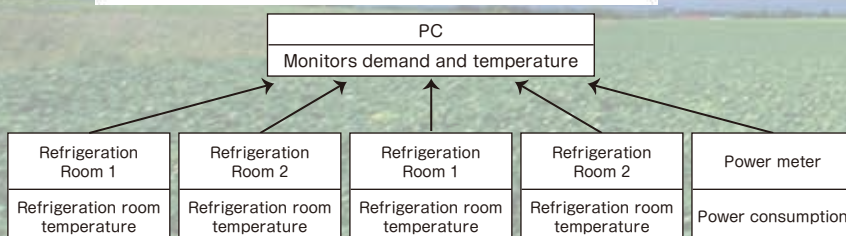


You preset a target power-demand value, and if the system determines that power consumption will exceed the target value under the current conditions, it generates an alarm.

If the power consumption exceeds the target value, the power contracted for with the power supplier will be increased.

Reads the temperatures in the freezing and refrigeration rooms, and decreases the load if possible (for example, by setting the humidity to a higher level) to restrict the amount of power consumed to below the target demand value. The demand monitor system keeps track of the power consumption of the freezing and refrigeration rooms on a real-time basis, as well as the temperature. It makes sure that the power consumption does not exceed the target demand value by checking every 30 minutes.

Power demand monitoring system



\* "Demand Value" refers to the high voltage power consumed by customer factories and warehouses, measured by the power supplier every 30 minutes. The power supplier determines the maximum demand value for each consumer site, based on the annual maximum demand value.



## Delivered results



Large low temperature logistics center



Prefabricated freezer, refrigerator



Electricity-powered thermal insulation door for freezer and refrigeration rooms



Low temperature delivery center



Ultra-low temperature freezer facility



HACCP level clean room



Chemicals clean room



Constant-temperature and humidity facility



Automatic control system



Open case



Business use freezer and refrigerator



Business use air conditioner



Sock duct air conditioning system



Ice storage system for freezers and refrigerators (Econo-robo 21)

Increased freezing capacity using midnight power, to decrease the summertime power demand



Snow melting and cooling-by-snow system

Heat pump using cheap power extracted from melting snow  
Snow melting system and environmentally-friendly cooling-by-snow facility



Total engineering of freezing and refrigeration facilities  
and environmental facilities

## Goshima Thermal Engineering Co.,Ltd.

Chuo 1-jo 5-chome 6-14, Shiroishi-ku,  
Sapporo, 003-0011

Tel: 81-11-821-4415 Fax: 81-11-821-4419

Company Name : Goshima Thermal Engineering Co., Ltd.  
Representative : Shigeru Goshima, President and Representative Director  
Takakuni Ito, Director  
Fumikazu Kimura, Director  
Mina Goshima, Auditor  
Date established: October, 1967  
Capital: 3.4 million yen

### Muroran branch

Higashimachi 3-chome 31-4, Muroran, Hokkaido, 050-0083  
TEL: 81-143-45-8445 FAX: 81-143-45-2595

### Construction licenses:

Hokkaido Governor (Special-22), Ishi No. 755  
Water supply device installation agent, specified by Sapporo City, No. 3-575  
Sewage facility installation agent specified by Sapporo City government, No. 758

### Membership in these unions and institutions:

Japan Association of Refrigeration and Air Conditioning Contractors  
Hokkaido Association of Refrigeration and Air Conditioning Contractors  
Japan Society of Refrigeration and Air Conditioning Engineers  
Approved as a freezer and air conditioning installation agent by  
the High Pressure Gas Safety institute of Japan <1-A-79>  
Approved as a Freon collection agent by the Refrigerant Recycling  
Promotion and Technology Center <010013>

Website <http://goshima.jp>



PRC Freezer Recycle Center

**REITOUKI.COM**

We sell used refrigeration  
machinery all over Japan.  
<http://reitouki.com/>

