





NICHIAS Corporation for the Earth's bright future











## **Our vision for NICHIAS**

NICHIAS is contributing to the Earth's bright future by leveraging its technological strengths under the key words Insulation and Protection.



# Leveraging our Insulation and Protection technologies as a company truly indispensable to society

NICHIAS Corporation was founded in 1896 as a pioneer in thermal insulation materials. For more than a century, NICHIAS has achieved growth by delivering products and services backed by its Insulation and Protection technologies to a broad range of industrial sectors. One such success story is our insulation made of rock wool. In 1938, we became the first in Japan to successfully mass produce this insulation, and since then our products have been used as an energy efficient material in a diverse array of fields, from factories to houses, thanks to approximately 80 years of continual innovation.

Insulation and Protection technologies consist of six core elemental technologies that include sealing, thermal insulation, soundproofing, fire-resistant, anti-corrosion as well as clean. These six technologies help protect our natural environment. For example, insulation technologies help reduce CO<sub>2</sub> emissions and are energy efficient, while sealing technologies prevent environmental pollution.

These six Insulation and Protection technologies have evolved greatly over that last 120 years, and as a result have helped us create five business segments that include Energy and Industrial Plants, Industrial Products, Advanced Products, Autoparts and Building Materials. The products and services provided by each of these businesses are essential to various fields, from basic industries to automobiles, aerospace, and IT. In this regard, we recognize that the mission given to the NICHIAS Group by society is extremely important.

Going forward, we will continue to further advance our Insulation and Protection technologies, as well as strengthen our sustainable competitiveness through unmatched, real world value as an indispensable company to society.

As we look ahead, I ask for your steadfast support and encouragement to the NICHIAS Group and its endeavors.

## Toshiyuki Takei

President and Chief Executive Officer



# NICHIAS' Insulation and Protection technologies are active in a variety of fields.

Sealing, Thermal Insulation, Soundproofing, Fire-resistant, Anti-corrosion, Clean technologies. These six elemental technologies form the core of NICHIAS' Insulation and Protection technologies. NICHIAS will support the development of industry and contribute to creating a comfortable society.

## **Sealing technologies**

## **Insulating from leaks**

NICHIAS supplies gaskets, packings, and other sealing materials to prevent leaks of fluid from pipe joints in plants and factories.



Spiral-wound gaskets VORTEX™ Gasket



Packings



## **Clean technologies**

## **Protecting cleanliness**

NICHIAS supplies products that protect cleanliness, particularly in the semiconductor field where manufacturing processes require high levels of cleanliness.



Heat-resistant perfluoroelastomer BLAZER™ NEXT



Chemical filter for low concentration gas removal CHEMICALGUARD™



## **Anti-corrosion technologies**

## **Protecting from corrosion**

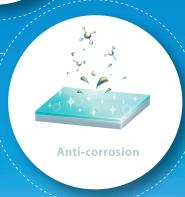
NICHIAS' fluoropolymer products, born from our original processing technologies developed over many years, are supporting the advance of industry by preventing corrosion and contamination by chemicals.



Fluoropolymer chemical



Tubes for chemical transport NAFLON™ PFA-HG Tubin







## **Thermal Insulation technologies**

## **Insulating heat**

By deploying our thermal insulation technologies in plant pipes and LNG (liquefied natural gas) tanks, NICHIAS is contributing to energy conservation and the reduction of CO<sub>2</sub> emissions.



Rock wool products



Non-Freon-based rigid urethane foam FOAMNERT™ TN



## **Soundproofing technologies**

## Insulating noise and vibration

By reducing noise from factories and vehicle engines, as well as vibration from vehicle brakes, NICHIAS contributes to quiet and comfortable environments.



Ultra-lightweight sound insulation cover AIRTONE™



Brake shim material METAPLUS™ Multi-Layer Shim



## **Fire-resistant technologies**

## **Protect from fire**

NICHIAS' fire-resistant technologies shut out the high heat that can damage structures in industrial furnaces, incinerators, and buildings. These technologies prevent structural deterioration caused by fire and heat.



Sample of furnace lining work using castable refractory



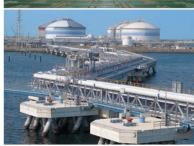
Fire resistant covering material MAKIBEE™

NICHIAS' five businesses, each involved in different markets, cover a wide range of industries including basic industry, semiconductor, and automobiles. Leveraging our Insulation and Protection technologies, we are expanding our areas of activity throughout the world.

# Energy and Industrial Plants P6

business offers engineering services and products that include sealing material driven by our original technologies from ultra-low to ultra-high temperatures. We meet the needs of our customers in all areas of construction and maintenance work with the creation of our system for stationing personnel at plant facilities in fields including electric power, liquefied natural gas (LNG), oil refining, and petrochemicals, we support the development of these industries.





# Industrial Products

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NICHIAS' Industrial Products business offers a wide-ranging product line-up that includes gaskets, packing, fluoropolymer products, thermal insulation products, and filter products, primarily targeting the equipment and machinery, environment, food, medical, petrochemical, electric power, steel, and other wide range of industries. As the core operation in the NICHIAS Group, the division also serves to create new businesses.





# Advanced Products

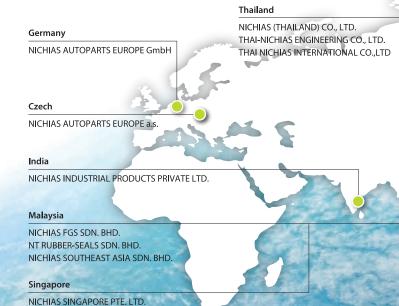
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In the field of electronics-related industries, where technological innovation takes place at a rapid pace, NICHIAS' Advanced Products business provides advanced components and materials related to semiconductor and FPD (flat-panel display) manufacturing equipment for handling heat, chemical solutions, and gas, as well as related process environments.









The NICHIAS Group is engaged in five businesses. Energy and Industrial Plants, which provides engineering to plants of all types; Industrial Products, which has wide range of industries, such as equipment and machinery, medical, and food, as its market; Advanced Products, which specializes in the semiconductor market; Autoparts, for which automobile and automotive parts manufactures are the main customers; Building Materials, which supplies and installs building materials for residences and buildings. These businesses span broad domains and make significant contributions to the development of diverse industries. We are pushing ahead with globalization by putting our accumulated technology and experience to work.

## **Autoparts**

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In response to the evolution of the automobile, NICHIAS' Automotive Parts business provides heat-proofing-, soundproofing-, and vibration control-related products and technologies, including the sealing materials that form a functional component for *Insulating* the leak of liquid from sources such as cylinder head gaskets.





# Building

P 10





#### Domestic

NICHIAS CERATECH CO., LTD. SAKAI NICHIAS CORPORATION KOKUBU INDUSTRY CORPORATION TOKYO MATERIALS CORPORATION TATSUTA INDUSTRY CORPORATION OHTA KASEI CORPORATION NICHIAS MECHATECHNO CO., LTD. NICHIAS KANTO SALES CORPORATION NISHI-NIPPON NICHIAS CORPORATION HAMAASU CORPORATION NIPPON THERMAL ENGINEERING CORPORATION NICHIAS ENGINEERING SERVICE CORPORATION INOCRETE CO., LTD. NICHIAS KYUSHU SALES CO., LTD. FUKUSHIMA NICHIAS CORPORATION KUMAMOTO NICHIAS CORPORATION METAKOTE INDUSTRY CORPORATION **APJ** Corporation N&A TECH CO., LTD. NIPPON ROCKWOOL CORPORATION KIMITSU ROCKWOOL CORPORATION NICHIAS CEMCRETE CORPORATION NICHIAS KYOSHIN CORPORATION

SUZHOU NICHIAS INDUSTRIAL PRODUCTS CO., LTD. SUZHOU NICHIAS SEAL MATERIAL CO., LTD. NICHIAS (SHANGHAI) TRADING CO., LTD. NICHIAS (SHANGHAI) TRADING CO., LTD. GUANGZHOÙ BRANCH NICHIAS (SHANGHAI) AUTOPARTS TRADING CO., LTD. SHANGHAI XINGSHENG GASKET CO., LTD. SUZHOU SHUANGYOU AUTOPARTS CO., LTD.

NICHIAS HAIPHONG CO., LTD. NICHIAS VIETNAM CO., LTD.

## Indonesia

PT. NICHIAS ROCKWOOL INDONESIA PT. NICHIAS METALWORKS INDONESIA PT. NICHIAS SUNIJAYA

## Mexico

NAX MFG, S. A. DE C. V.



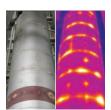
# Energy and Industrial Plants

(Energy and Industrial Plants Division)

# At NICHIAS, we use our unique network to provide excellent engineering services to all of our customers.

NICHIAS stations personnel at plant facilities nationwide to stay close to our customers. We hold a significant advantage in our ability to swiftly share superior construction technologies among sites and propose ideas.

Our Energy and Industrial Plants business offers efficient, comprehensive engineering services – from development and design to construction and maintenance – and products that include sealing materials and corrosion resistant materials for electrical power, LNG (liquid natural gas), petroleum refining, petrochemical, and other plant equipment. To advance this business, we conduct development of materials with greater functionality and development of products and construction methods that lead to reduced costs, manpower, and environmental impact. The performance of regular maintenance is indispensable for plant equipment. Many plants in Japan were constructed during the high economic growth of the 50s and 60s and call for particular measures against plant aging. In response, NICHIAS offers nondestructive inspections for equipment as well as our original Overwrapping Insulation Method for degraded insulation resuscitation to combat plant aging, and received the Energy Conservation Grand Prize for excellent energy conservation equipment (business models category) of the Minister Prize of Economic, Trade and Industry in 2018. We have also built a system for stationing NICHIAS personnel in offices established within the plant facilities of customers nationwide. Promptly identifying the magnitude of customers' requirements and enacting a quick response is the strong point of our Energy and Industrial Plants business.



## Thermal diagnostics system

Energy conservation measures can be proposed by using thermal image analysis and deterioration cause investigation by using thermography. We can also implement actual installation work.



## Overwrapping Insulation Method

Installation method to recover insulation capability by applying high-functional insulation layer over existing insulation without removing it.



## Main services

- Cryogenic insulation work
- Thermal insulation work
- Fireproofing work
- Sale of sealing materials, thermal insulation materials, and corrosion resistant materials for industrial plants

Our Industrial Products business forms the NICHIAS Group's foundation for supporting development of varied industries in Japan and overseas. Through sealing material products, thermal insulation products, fluoropolymer products, filter products, and other products born of our Insulation and Protection technologies, NICHIAS builds strong relationships of trust with our customers as an indispensable partner. We have responded to the needs of a wide range of industries. Our broad lineup of products contributes to the realization of more efficient, cleaner production processes for customers. Moreover, by leveraging our advanced fluoropolymer processing technology to develop endoscope tubing, we are expanding our area of activity into the medical field. Overseas, we are expanding production and sales of industrial rock wool products in Southeast Asia, and are widening our rock wool products and sealing material sales channels to reach local companies. Also, as the core operation in the NICHIAS Group, the division also assumes the role of enhancing current businesses and creating new businesses, such as by expanding the filter business as a measure to respond to the strengthening of restrictions on VOC emissions, which is proceeding around the world.



### Assorted gaskets

NICHIAS offers an assortment of gaskets matched to liquid type, temperature, and pressure.



## Rock wool products

NICHIAS is a pioneer manufacturer of rock wool products in Japan and offers products matched to application and form.



### VOC concentrator SOLVENTCLEAN™

This is a device to concentrate the low concentration VOC-containing gasses generated in factories. VOC-containing gasses can be efficiently processed by combining them with an organic solvent processor.

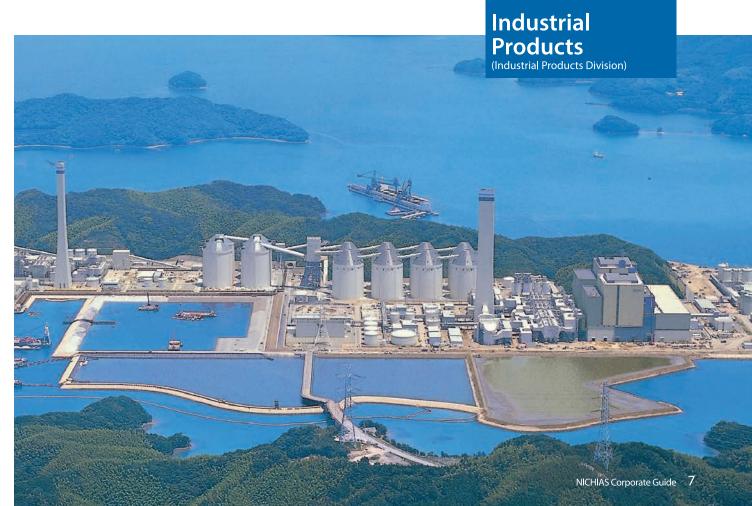
## Other products

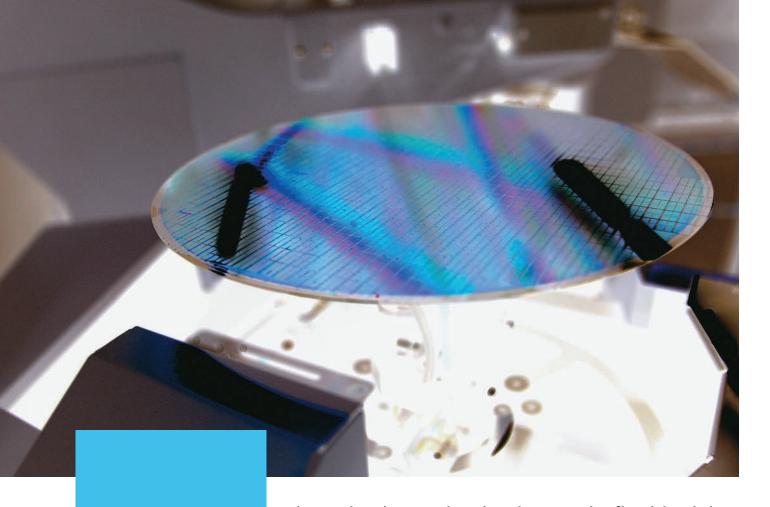
- Tube for medical devices
- Corrosion-resistant pipe lining materials NAFLON™ Fluropolymer lining
- Packings

# NICHIAS is expanding into new areas of activity in order to meet the needs of varied industries.

NICHIAS also adapts promptly to the diverse demands of our customers, acting on a foundation of the advanced technologies and relationships of trust we have built up in varied industries.

NICHIAS is further working to pioneer new industrial fields.





# Advanced Products

(Advanced Products Division)

Through advanced technology and a flexible ability to put forth ideas, NICHIAS will contribute to the development of electronics-related industries.

Electronics-related industries are ever evolving to a higher level. NICHIAS develops and offers the latest products by responding swiftly to the speed of technological innovation.

Electronics-related industries are evolving at drastic speed. NICHIAS' Advanced Products business aims to contribute to customers' product development in the fields of semiconductors and flat-panel displays (FPD), where the pace of technological innovation continues to accelerate.

In order to do so, we seek to understand our customers' issues through close communication and swift sharing of information as a close partner. We are making contributions to the development of electronics-related industries through advanced technology and a flexible ability to put forth ideas, based on deep relationships of trust and by undertaking required upfront development.

From here out, we intend to extend our area of activities into overseas business expansion and into technological development related to the device processes we have accumulated.



## Anti-static PFA tubing for the transfer of high-purity organic solvent NAFLON™ PFA-NE Tube

This tubing is used for chemical transfer in semiconductor and FPD manufacturing processes, and features anti-static functionality.



## Heat-resistant perflouroelastmer BLAZER™ NEXT

This sealing material is used in semiconductor and FPD heat treatment equipment. It excels in heat resistance and chemical resistance.



## Piping heater that can be applied and removed ENETHERMO™ PH

This is a piping heater that can be used on semiconductor and LCD manufacturing-related equipment.

Can be used to prevent deposits on exhaust piping.

## Other products

• Chemical filter for low concentration chemical gasses CHEMICALGUARD™ Our Autoparts business is centered on sealing materials for Insulating leakage of gases and liquids from engine-related parts; thermal insulating components for Insulating heat from engines; and soundproofing and vibration-reducing materials for Insulating brake noise and body vibration. By building integrated operations that extend from materials development to design, evaluation, mass production, and quality assurance, we meet needs that vary according to automobile model, component position, usage conditions, and so on, while also achieving excellent quality, sure delivery, and low cost. The NICHIAS Group's technological ability to provide quality products with flexible adaptability is highly regarded within the automotive industry and has earned us trust as a partner from many customers. Furthermore, in order to adapt as quickly as possible to the overseas expansion of automobile manufacturers and autoparts manufacturers, as well as for BCP (business continuity plan) purposes, NICHIAS is building a global production structure.

Our sales structure, we have also expanded our sales system globally, fully shares information with customers doing business around the world, takes swift action accordingly, and provides products and technologies matched to customers' needs.

## Other products

- Fuel efficiency improvement parts "Water Jacket Spacers"
- Foamed rubber coated metal gasket METAFOAM™
- High-performance brake shim material that reduces brake noises METAPLUS™ Multi-Layer Shim

# NICHIAS has built a global production and sales structure to quickly respond to the overseas expansion of automobile and parts manufacturers.

To meet this overseas expansion by domestic and foreign manufacturers, we are globalizing both our production structure and our sales structure.



## Rubber coated metal gasket METAKOTE™

This gasket, a stainless steel plate coated with high-performance rubber, is installed between the cylinder heads and the engine block in an engine, the heart of an automobile.



## Catalytic converter support mats ECOFLEX™

This product displays outstanding durability as it protects the catalyst carrier, which cleans exhaust gas, from vibration.



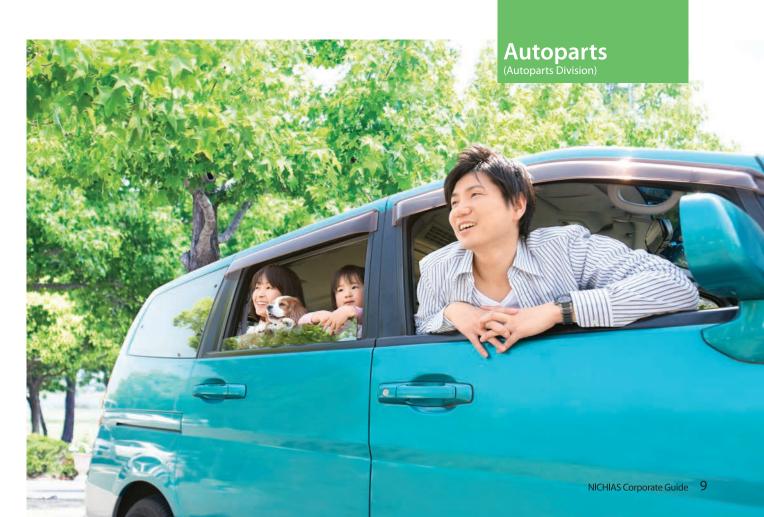
## Heat insulator INSULCOVER™

This metal cover blocks the heat and noise from the exhaust manifold and other exhaust system components.



### Ultra-light weight sound insulation cover AIR TONE™

This product is the sound insulation used for transmission cover.





## **Building** Materials

## With safety and comfort as our key words, NICHIAS provides environmentally considerate products for buildings and residences.

Through the manufacture and sale of building materials, as well as installation of our own products, we contribute to the creation of safer, more comfortable structures.

Our Building Materials business is composed of a Building Materials Sales Department that manufactures and sells building materials with non-combustible, thermal insulating, and fireproofing properties, and a Building Materials Installation Department that performs installations of these building materials. With safety and comfort as our fundamental philosophy, for many years we have manufactured calcium silicate panels with non-combustible and thermal insulating properties, rock wool products, rock wool fireproofing materials with highly fire-resistant and access floor products that create space in offices.

The Building Materials Sales Department contributes to the achievement of a low-carbon, recycling-oriented society through non-combustible building materials and non-combustible interior decorative materials made primarily with calcium silicate, as well as rock wool products offering excellent thermal insulating ability and effectiveness in energy conservation.

The Building Materials Installation Department provides customers with comfort and safety in buildings particularly through installation of access floors that create comfortable office spaces and construction of fireproofing using wrap-type rock wool materials that protects steel-frame structures from fire damage.



## Non-combustible building wall panels **ECOLUX™**

This calcium silicate interior material is used in building walls and ceilings. An environmentally friendly product that made with recycled materials.



## Installation of wrap-type fireproofing materials MAKIBEE™

Fire resistant covering material protecting the steel frame used for housing, buildings and warehouses from flames in the fire emergency.



## Rock wool heat insulation materials for housing HOMEMAT™

A rock wool heat insulation material used for the walls, ceilings, and roofs of houses. HOMEMAT® offers excellent thermal insulation, soundproofing, and fire resistance to help create a safe and comfortable living space.

## Other products

- Concrete (FRC) raised access floor OMEGA FLOOR™
- Non-combustible decorative building wall panels ASLUX™

Example of heat analysis using CAE (computer aided engineering)

Tsurumi General Office



Hamamatsu Research Laboratory / Hamamatsu Technical Center

## In Research and development

NICHIAS is deepening fundamental technologies and pushing their evolution into advanced technologies.

We conduct our research and development at our research laboratories in Tsurumi and Hamamatsu, as well as at the technical centers under each operating division. We conduct basic research into materials – the foundation for our product development – at the research laboratories, and conduct product development, improvement, and evaluations at the technical centers. In such research and development, a market-oriented approach that grasps market needs from an early stage is invaluable. NICHIAS' strength lies in our ability to conduct fast development of products matched to customers' needs, by deploying the original, wide-ranging network that we have built up through interactions with many industries. In addition, while undertaking enhancements and functional improvements to long-selling products such as insulation made of rock wool, we also engage in development of innovative products incorporating the latest technology. Deepening the Insulation and Protection technologies that are our foundation and pushing their evolution into advanced technologies is NICHIAS' commitment to research and development and manufacturing.

# **NICHIAS' Commitment to Manufacturing**

What are ideal products for our customers?

To find the answer to that question, NICHIAS listens carefully to customers from a market-oriented approach, while we continue the pursuit of our Insulation and Protection technologies. By doing so, we strive for ever-better manufacturing.



Quality inspection

## In Quality assurance

Through a system of double checks by business divisions and the head office, NICHIAS ensures quality assurance.

At NICHIAS, all business divisions carry out quality assurance work so that we can deliver safe and reliable products. The head office's Quality Assurance Department undertakes construction, improvement, and maintenance of the companywide quality assurance system. At the same time, the Department conducts audits of these activities to ensure their proper implementation and to further improve quality.

## Our pride in the products is the basics of quality assurance.

The origin of our quality assurance lies not only in the employees connected with manufacturing, but also in each and every employee embracing pride in our products. Our employees work every day to provide safe, reliable products and services. They do so with a sense of mission to contribute to the development of industry and to support a comfortable society through the products they themselves helped create.

## **Initiatives as a Corporate Citizen**

The NICHIAS Group fulfills its responsibilities as a company by meeting the needs of stakeholders, while using the Group's original Insulation and Protection technologies to provide products that are indispensable to industries and people's lives.

## Efforts to Help Achieve a Carbon-Free Society

As the impacts of global climate change become more and more apparent, the NICHIAS Group believes that measures to prevent global warming are urgently needed.

In April 2021, the NICHIAS Group announced the "NICHIAS Group Carbon-Neutral Declaration," which states that carbon dioxide emissions from all business sites will be reduced to practically zero by 2050.

We will work toward the realization of a carbon-free society with three key measures: shifting to a manufacturing approach that leads to decarbonization, further promoting energy-saving initiatives, and actively utilizing renewable energy such as sunlight.

## Compliance activities

The NICHIAS Group has established a regularly meeting Compliance Committee at each Group business site and conducts internal anonymous surveys of employees. The Group also works to root out any actions that may lead to compliance violations, and has set up a Compliance Counter to act as a contact desk for reporting related issues. Multiple reporting routes for compliance issues are available, with the contact desk also accessible from the main page of the company website.

## Contribution to the Global Environment

NICHIAS' "Overwrapping Insulation Method" was awarded the 2018 Energy Conservation Grand Prize in the product and business model category of the Minister Prize of Economic, Trade and Industry for contributing to a significant reduction in construction costs and waste because it saves energy through reducing heat loss and enables construction without disassembling the existing heat insulation material.





Overwrapping Insulation™ Method

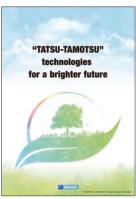
## A company where employees work with pride

"A Company Trusted by Customers, Where People Can Work with Pride" is the NICHIAS Group Corporate Vision. To continue providing products and services that customers can use with confidence, we believe it is important that our workplaces allow employees to work with confidence. As such, we promote work-life balance and further diversity.

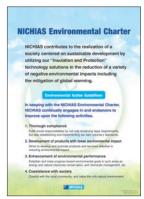
With the aim of continuing our growth as a corporate citizen, we have adopted the NICHIAS Philosophy, our Corporate Slogan, and the NICHIAS Environmental Charter. As we continue forging ahead, we will undertake our everyday company activities with integrity.



The NICHIAS Philosophy



Corporate Slogan



NICHIAS Environmental Charter

## About the NICHIAS Symbol Mark the dragonfly



In ancient times, the dragonfly was a symbol of Japan itself. NICHIAS decided on the dragonfly trademark to reflect its vision of an exemplary Japanese company. The trademark was officially registered in 1923. At that time, the dragonfly in the trademark was perched on the ground, but now it is flying towards the sky, mirroring our hopes for the future.

- The dragonfly is called "TOMBO" in Japanese.
- $\bullet$  "TOMBO" and the dragonfly device are trademarks or registered trademarks of NICHIAS Corporation.

# **NICHIAS Corporation**

6-1, Hatchobori 1-chome, Chuo-ku, Tokyo 104-8555, Japan Tel: +81-3-4413-1194 (Corporate Communication & Public Information Section) https://www.nichias.co.jp/



**Corporate Data** 

2021



## Corporate Data (As of March 31, 2021)



Company name NICHIAS Corporation

Founded April 9,1896

Capital ¥12,128.35 million

**Employees** 6,337 (Consolidated) / 1,766 (Non-consolidated)

Number of consolidated

subsidiaries

42

Affiliated companies accounted 2 for by the equity method

Securities Traded Tokyo Stock Exchange-First Section

**URL** https://www.nichias.co.jp/

## Board of Directors and Corporate Auditors (As of June 29, 2021)

## **Board of Directors**

Representative Director President & Chief Executive Officer

Toshiyuki Takei

Representative Director Senior Managing Executive Officer

Kiminori Nakata

**Director & Senior Managing Executive Officer** 

Shoichi Yonezawa

**Directors & Managing Executive Officers** 

Katsumi Kametsu Satoshi Tanabe

**Directors & Executive Officers** 

Takahiro Niwa Tsukasa Yamamoto Kiyoshi Sato

**Outside Directors** 

Youichi Etou Yoshito Hirabayashi Yoko Wachi

## **Audit & Supervisory Board Members**

Full-time Audit & Supervisory Board Members

Junichi Nakasone Hiroaki Seki

**Outside Audit & Supervisory Board Members** 

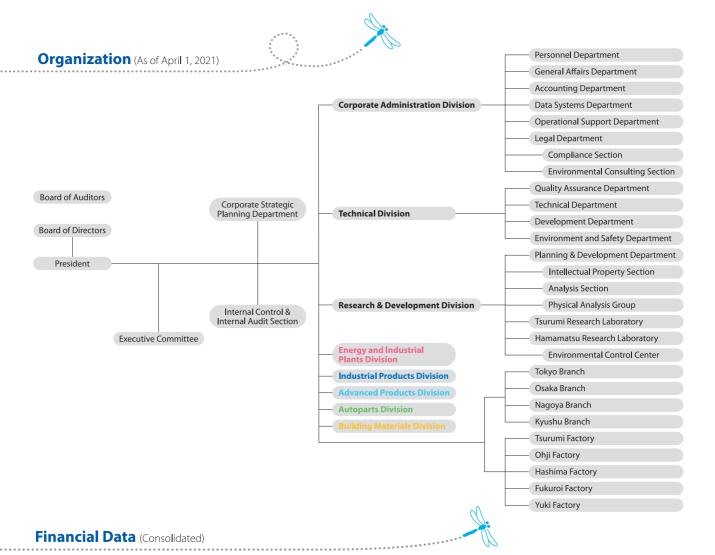
Isao Iwabuchi Sachiko Murase Nobuhiko Takano

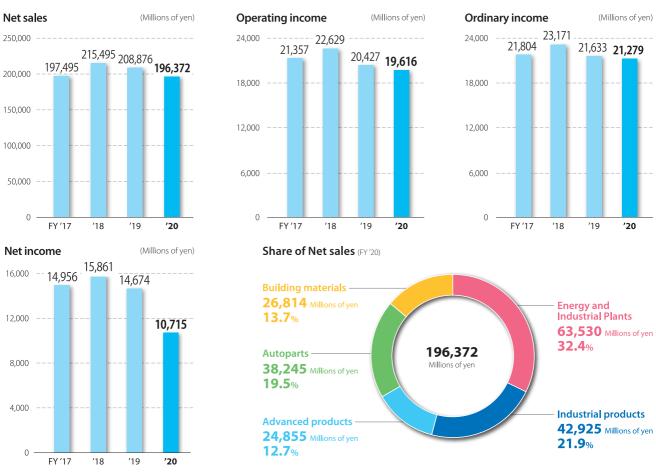


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## **Japan**



## Sales Offices

## **HOKKAIDO AREA**

- Sapporo
- Tomakomai

## **TOHOKU AREA**

- Sendai Office
- · Fukushima Sales Office

### **KANTO/KOSHINETSU AREA**

- Tokyo Branch
- · Kashima Office
- Chiba Office
- Yokohama Office
- Kanagawa Office
- Hitachi Sales Office
- Utsunomiya Sales Office
- Maebashi Sales Office
- Niigata Sales Office
- Yamanashi Sales Office

## **TOKAI/HOKURIKU AREA**

- Nagoya Branch
- Wakasa Office
- Shizuoka Office
- Hamamatsu Office
- Toyota Office
- Yokkaichi Office
- Toyama Sales Office

### **KANSAI AREA**

- Osaka Branch
- Keiji Office
- Himeji Office
- Sakai Sales Office
- Kobe Sales Office

## CHUGOKU/SHIKOKU AREA

- Okayama Office
- Hiroshima Office
- Tokuyama Office
- Ube Sales Office
- Shikoku Sales Office

## **KYUSHU AREA**

- Kyushu Branch
- Nagasaki Office
- Kumamoto Office
- Kitakyushu Sales Office
- Oita Sales Office

## **Head Office**

Head Office

6-1, Hatchobori 1-chome, Chuo-ku, Tokyo 104-8555, Japan Tel: +81-3-4413-1111

Energy and Industrial Plants Division

Tel: +81-3-4413-1121

Industrial Products Division

Tel: +81-3-4413-1131

Industrial Products Division / International Marketing and Sales Group Tel: +81-3-4413-1132

• Advanced Products Division

Tel: +81-3-4413-1141

Autoparts Division

Tel: +81-3-4413-1151

 Building Materials Division Tel: +81-3-4413-1161

## Laboratories

- Tsurumi Research Laboratory
- Hamamatsu Research Laboratory

### Factories

- Tsurumi Factory
- Ohji Factory
- Hashima Factory
- Fukuroi Factory
- Yuki Factory

## NICHIAS Group companies in Japan

- NICHIAS CERATECH CO., LTD.
- SAKAI NICHIAS CORPORATION
- KOKUBU INDUSTRY CORPORATION
- TOKYO MATERIALS CORPORATION
- TATSUTA INDUSTRY CORPORATION
- OHTA KASEI CORPORATION
- NICHIAS MECHATECHNO CO., LTD.
- NICHIAS KANTO SALES CORPORATION
- NISHI-NIPPON NICHIAS CORPORATION
- HAMAASU CORPORATION
- NIPPON THERMAL ENGINEERING CORPORATION
- NICHIAS ENGINEERING SERVICE CORPORATION
- INOCRETE CO., LTD.
- NICHIAS KYUSHU SALES CO., LTD.
- FUKUSHIMA NICHIAS CORPORATION
- KUMAMOTO NICHIAS CORPORATION
- METAKOTE INDUSTRY CORPORATION
- APJ Corporation
- N&A TECH CO., LTD.
- NIPPON ROCKWOOL CORPORATION
- KIMITSU ROCKWOOL CORPORATION
- NICHIAS CEMCRETE CORPORATION
- NICHIAS KYOSHIN CORPORATION



### Sales Companies

### Indonesia

## • PT. NICHIAS SUNIJAYA

Sequis Tower Level 19 Suite 1&2 Jl. Jend. Sudirman Kav. 71 Jakarta 12190, Indonesia Tel: +62-21-2277-6101

#### Malavsia

## • NICHIAS SOUTHEAST ASIA SDN. BHD.

Suite A1102, 11th Floor, West Wing, Wisma Consplant 2, No.7, Jalan SS 16/1, 47500 Subang Jaya, Selangor, Malaysia Tel: +60-3-5636-4067

#### Singapore

## • NICHIAS SINGAPORE PTE. LTD.

25 International Business Park, #01-15/17 German Centre, Singapore 609916 Tel: +65-6268-6568

#### Vietnam

## • NICHIAS VIETNAM CO., LTD.

Room 12-K,12Floor, Center Building, Hapulico Complex, No1 Nguyen Huy Tuong, Thanh Xuan Dist., Hanoi City, Viet Nam Tel: +84-24-6664-3136

#### **Thailand**

### NICHIAS (THAILAND) CO., LTD.

85 Moo 1, Wellgrow Industrial Estate, T. Homsin, A. Bangpakong, Chachoengsao 24180, Thailand Tel: +66-38-570-600

## • THAI NICHIAS INTERNATIONAL CO.,LTD.

Unit 1107, 11th Floor, AIA Capital Center 89 Ratchadaphisek Road, Dindaeng, Dindaeng, Bangkok 10400, Thailand Tel: +66-2-001-2060

#### China

## • NICHIAS (SHANGHAI) TRADING CO., LTD.

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## • NICHIAS (SHANGHAI) AUTOPARTS TRADING CO., LTD.

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#### Germany

## NICHIAS AUTOPARTS EUROPE GmbH

Prinzenallee 7, 40549 Düsseldorf, Germany Tel: +49(0)211-52391 057

#### Construction company

#### Thailand

## • THAI-NICHIAS ENGINEERING CO., LTD.

45 Huaypong-Nongbom Road, Huaypong, Rayong 21150, Thailand Tel: +66-38-026051-8

## Manufacturing companies

## Indonesia

- PT. NICHIAS ROCKWOOL INDONESIA
- PT. NICHIAS METALWORKS INDONESIA

### Malaysia

- NICHIAS FGS SDN. BHD.
- NT RUBBER-SEALS SDN. BHD.

#### Vietnam

• NICHIAS HAIPHONG CO., LTD.

#### China

- SUZHOU NICHIAS INDUSTRIAL PRODUCTS CO., LTD.
- SUZHOU NICHIAS SEAL MATERIAL CO., LTD.
- SHANGHAI XINGSHENG GASKET CO., LTD.
- SUZHOU SHUANGYOU AUTOPARTS CO., LTD.

#### India

• NICHIAS INDUSTRIAL PRODUCTS PRIVATE LTD.

## Czech

• NICHIAS AUTOPARTS EUROPE a.s.

## Mexico

• NAX MFG, S. A. DE C. V.





18901	896 Founded in Osaka.	2001	Formulated the NICHIAS Environmental Charter. Established NICHIAS HAIPHONG CO., LTD. in Vietnam.
1000	909 Moved Head Office to Tokyo.	2002	Established NICHIAS HAIPHONG CO., LTD. IN VIEtnam.  Established SUZHOU NICHIAS INDUSTRIAL
	923 TOMBO brand registered.	2002	PRODUCTS CO., LTD. in China.
	931 Produced Japan's first joint sheet gasket.	2003	Established NICHIAS (Shanghai) TRADING CO., LTD.
	937 Moved Osaka Factory to the newly constructed		in China.
	Ohji Factory.	2004	Established NICHIAS CZECH, s.r.o.
1	938 Became first company in Japan to manufacture rock	2005	Established Procurement Guidelines.
	wool products.	2007	Opened Construction Technical Center. Completed Autoparts Technical Center.
1	939 Moved Tokyo Factory to the newly constructed	2008	Established NICHIAS INDUSTRIAL PRODUCTS PVT.
40-01	Tsurumi Factory.	2000	LTD. in India.
	<ul><li>951 Developed prototype of fluoropolymer products.</li><li>952 Commenced manufacture of spiral wound gaskets.</li></ul>	2011	Formulated The NICHIAS Philosophy as the new
1230	NICHIAS stock approved for trading on the OTC	2010	corporate phi <b>l</b> osophy.
	Market of the Tokyo Stock Exchange.	2012	Established NAX MFG, S.A. de C.V. in Mexico.
1	956 Established the Research Laboratory in Tsurumi in		Established the second METAKOTE manufacturing
	commemoration of 60th anniversary.	2013	line at NICHIAS FGS SDN. BHD. Moved Corporate Head Office to Hatchobori,
1	958 Commenced production of ceramic fiber.	2013	Chuo-ku, Tokyo.
10601	<b>961</b> Listed on Second Section of Tokyo Stock Exchange.	2014	
19001	<b>962</b> Listed on First Section of Tokyo Stock Exchange.		Established THAI NICHIAS INTERNATIONAL CO.,LTD.
	Established Fukuroi Factory.		in Thai <b>l</b> and.
	Commenced manufacture of access floor.	2015	Expanded Autoparts Facotry at PT. NICHIAS ROCKWOOL INDONESIA.
<mark></mark>	<b>968</b> Listed on First Section of Osaka Securities Exchange.		ROCKWOOL INDONESIA. Established NICHIAS SOUTHEAST ASIA SDN. BHD. in
1970	Minato ku, Tokyo		Malaysia.
12/0	Minato-ku, Tokyo. 974 Established Yuki Factory.	2016	*
	979 Established NICHIAS SINGAPORE PTE. LTD.		Acquired shares in an auto parts manufacturing
	983 Commenced manufacture and sales of alumina fiber		company (Currently APJ Corporation).
1980	and rigid polyurethane pipe supports.	2017	Formulated "TATSU-TAMOTSU technologies for a
. 5 0 0	Established PT. SUNIJAYA (Currently PT. NICHIAS		brighter future" as new corporate slogan. Established new No.1 building at Ohji Factory.
	SUNIJAYA) in Indonesia.		Established the No.5 Development Research
1	985 Developed ultra-high temperature ceramic thermal		Building and Innovation Gallery at Hamamatsu
	insulation tile.		Research Laboratory.
	Commenced manufacture and sales of rubber coated metal gaskets.		Established the third METAKOTE manufacturing line
1	987 Developed fluoropolymer products for		at NICHIAS FGS SDN. BHD.
	semiconductor production equipment.		Established NICHIAS AUTOPARTS EUROPE GmbH in Germany.
1	988 Established PT. KUNISEAL NUSANTARA (Currently PT.		Established the fourth, the fifth factory at
	NICHIAS ROCKWOOL INDONESIA) in Indonesia.		KUMAMOTO NICHIAS CORPORATION.
1000	990 Established PT. PYN MANUFACTURING (Currently PT.	2018	Established new general office building at Tsurumi
I フラU	NICHIAS METALWORKS INDONESIA) in Indonesia.		Factory.
	Established NICHIAS FGS SDN. BHD. in Malaysia.  994 Established Hamamatsu Research Laboratory.		Established the fifth factory at NICHIAS HAIPHONG in Vietnam.
	Established SUZHOU NICHIAS SEAL MATERIAL CO.,	2019	Won the Energy Conservation Grand Prize of the
	LTD. in China.		Minister Prize of Economic, Trade and Industry for
1	995 Established NT RUBBER-SEALS SDN. BHD. in Malaysia.		Overwrapping Insulation Method for resuscitating
	Established PT. NICHIAS ROCKWOOL INDONESIA.		degraded thermal insulation. Established SUZHOU SHUANGYOU
1	996 Celebrated NICHIAS' 100th anniversary.		AUTOPARTS in China.
1	999 Introduced executive officer system.		Established the Nakano Factory of
_			NICHIAS CERATECH CO., LTD.
		2020	Established the NICHIAS Group Human Rights Policy.
		ZUZU	Established the Second Nakano Factory of NICHIAS
		2021	CERATECH CO.,LTD.  Established the NICHIAS Group Carbon-Neutral
		2021	Declaration.
			Established the NICHIAS Group Health and
			Productivity Management Declaration.

## NICHIAS Corporation

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