

COMPANY PROFILE  
OF  
NIIKURA

 NIIKURA KOGYO CO.,LTD.

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 NIIKURA CORPORATION

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# INTRODUCING OURSELVES

NIIKURA's philosophy is to start with training excellent staff with talent and producing goods to meet customers' needs.

Although NIIKURA was founded in 1951 in Tokyo and started with designing, making and selling marine apparatus and parts only, we thereafter have made every possible effort to contribute not only to ship-building world, but also various other industries such as chemistry, petroleum, electronics, etc.

Fortunately we have received high reputation and firm confidence from both domestic users and overseas customers, but we really owe these achievements to your warm-hearted support and perhaps to favorable economic environment.

For the future, NIIKURA will continue being creative and innovative through our staff training and product-mindedness, and will pay due attention to cost-down and stable supply as well.

Lastly again, NIIKURA would like to express our gratitude for your patronage until now, and hope to obtain your continuous understanding on us.

Yours very sincerely,



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CEO. Futoshi Niikura.



## OUTLINE of NIIKURA

### NIIKURA KOGYO CO.,LTD.

**Business : Manufacturing and Sales of Marine Equipments.**

**Established :** Oct. 10th, 1950

**Capital :** 27 million yen ( Apr. 2006 )

**Head office :** 2-14-18 Higashi-gotanda, Shinagawa-ku, Tokyo

**Hobara Factory :** 32 Aza-kaminozaki, Hobara-machi, Date-city, Fukushima-pref.

**Fukushima Factory :** 5-7 Aza-sakutairi, Okajima, Fukushima-city, Fukushima -pref.

**Hakozaki Factory :** 10-2 Aza-yamanoshita, Hakozaki, Data-city, Fukushima-pref.

**Logistics Center :** 33-1 Aza-doumoto, Takanarita, Hobara-machi, Date-city, Fukushima-pref.

### NIIKURA CORPORATION

**Business : Manufacturing and Sales of Plant, Machinery Equipments & Spray Nozzles.**

**Established :** July 11th, 1990

**Capital :** 13 million yen ( July. 2006 )

**Head office :** 2-14-18 Higashi-gotanda, Shinagawa-ku, Tokyo

**Fukushima Division :** 5-2 Aza-kamanozaki, Hobara-machi, Date-city, Fukushima-pref.

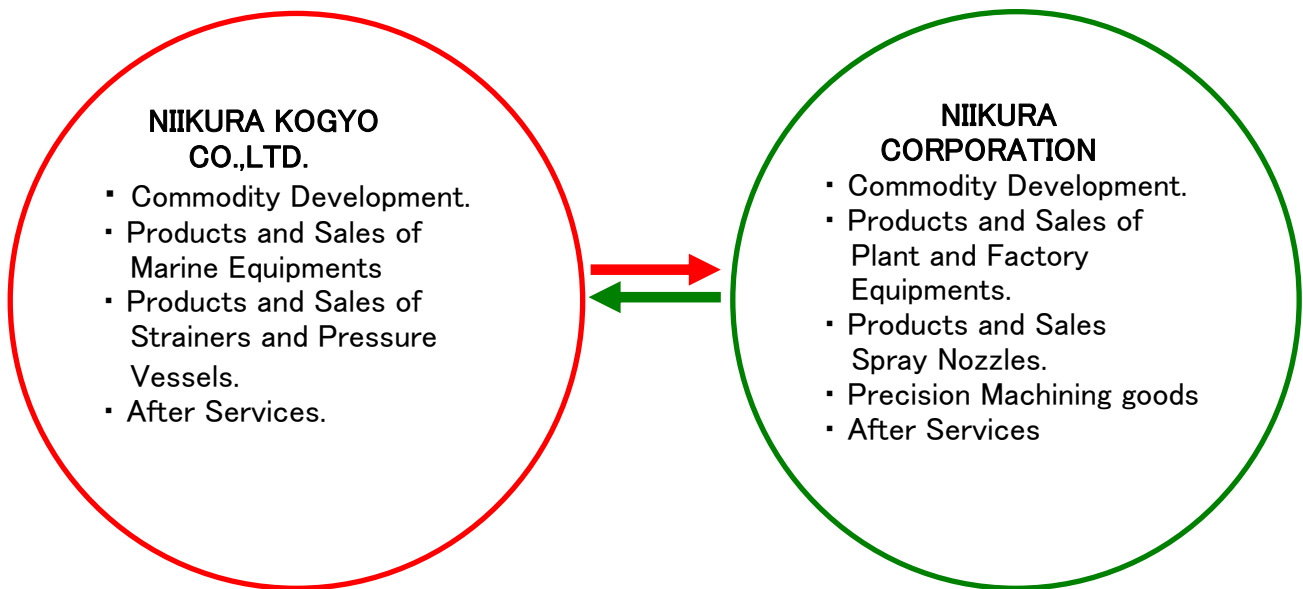
As of April 2006, NIIKURA GROUP enjoys annual turnover of about 4 billion yen with 70 people.

## COMPANY'S HISTORY

- Oct. 1950 NIIKURA KOGYO CO.,LTD. was founded in Chuo-ku, Tokyo, to develop and manufacture Marine-Equipment products.
- Feb. 1952 Head-office moved to Shinagawa-ku and Gotanda Factory was built.
- Apr. 1957 Sales office opened in Osaka.
- Feb. 1958 Non Marine-Equipment products started for development and manufacturing. Spray Nozzles started.
- Jan. 1964 Ofuna Factory built in Yokohama.
- Dec. 1967 Management center moved to Yokohama to be Yokohama Head-mill.
- Feb. 1971 Reinforcing production div. new Fukushima factory built & named FUKUSHIMA NIIKURA KOGYO CO.,LTD.
- July 1977 New building built to unify administration & production.
- Nov. 1984 Logistics center opened for Marine products in Mihara, Hiroshima.
- July 1985 FUKUSHIMA NIIKURA KOGYO CO.,LTD. changed to NIIKURA SEISAKUSHO CO., LTD.
- Apr. 1986 Shinichi Niikura became President.
- Apr. 1989 Fukushima Works opened for NIIKURA KOGYO CO.,LTD.
- July 1990 Reinforcing Non-marine products, NIIKURA CORPORATION became independent.
- Aug. 1990 Hakozaki Factory opened for NIIKURA SEISAKUSHO CO.,LTD.
- Jan. 1992 New Head-office building completed in Shinagawa, Tokyo.
- Apr. 1992 Research & Development Fukushima Div. opened in Fukushima.
- Dec. 1992 Upon request from HHI in Korea, NIIKURA GROUP made an technical agreement with Shin Myung Industry to provide marine breather valves.
- Oct. 1993 Production Div. in Yokohama integrated into Fukushima.
- Oct. 1994 Business Div. moved to Nishi-gotanda, Tokyo.
- Nov. 1994 Yokohama Factory closed to integrate into Head-office.
- Feb. 1995 Logistics Center opened in Singapore.

- May 1995 Kamata Factory opened for NIIKURA KOGYO CO.,LTD.
- Oct. 1996 Head-office moved to the existing location.
- Oct. 1998 NIIKURA SEISAKUSHO CO.,LTD. changed to NIIKURA KOGYO CO., LTD. FUKUSHIMA WORKS.
- Aug. 2004 Fukushima Factory moved to Okajima, Fukushima.
- Nov. 2004 Logistics Center built at Hobara to integrate total Group activities.
- Jun. 2006 Futoshi Niikura became President.

**INTER-COMPANY  
BUSINESS RELATIONS**



**Main Users to Deliver**

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Ship yard, Petro-chemical, Chemical, Electricity, Atomic-energy, Electronics, Gas, Paper, Foods, Machinery, Iron & Steel, Building equipments, Water-supply, Sewage water, etc.

**Countries to export goods**

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USA, Brazil, Singapore, Russia, Iran, Indonesia, Kuwait, Dubai, Bahrain, Saudi-Arabia, Korea  
China, Taiwan

**Countries to supply techniques**

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USA ----- (tank-cleaning machines)  
Korea ----- (breather valves)

**NIIKURA KOGYO CO.,LTD.  
HOBARA FACTORY**



Site : 13,967 m<sup>2</sup>

Building : 5,517 m<sup>2</sup>

**Production Equipments**

NC Turning Center	1	Fine Plasma Cutting Robot	2
Machining Center	1	Fine Plasma Cutting Machine	1
NC Lathe	2	Laser Cutting Machine (3kw,1.5kw)	2
Vertical Lathe	1	Press Brake (80 ton, 100 ton)	2
NC Horizontal boring machine	1	Torque Pack Press (60 ton)	1
Face Milling Lathe	1	NC Turret Punch Press	1
Engine Lathe	4	NC Shearing	1
Milling Machine	2	Turning Roller	1
Radial Drilling Machine	2	Ark Welding Machine	8
Automatic Drilling Machine	1	TIG Welding Machine	10
Bench Drilling Machine	1	Semi Automatic Welding Machine	29
Drilling Machine	5	Spot Welding Machine	4
Blast Machine	4	Welding Robot	11
NC Spinning Machine	1	Seam Welding Machine	1
Urethane Rolling Machine	2	Auto. Direct line Welding Machine	1
Bending Roller	1	Auto. Compound Welding Machine	1

**Testing Equipments**

150 m <sup>3</sup> /h × 1MPa Water Injection Device	1
150L/min. × 15 MPa Water Injection Device	1
Hydraulic Pressure Testing Device	1
Pneumatic Pressure Testing Device	1
Air Flow Rate Testing Device	1

**NIIKURA KOGYO CO.,LTD.  
HOBARA FACTORY**

New innovations such as LO-Maxfilter & FO-Maxfilter

Automatic Filter for Lubricating Oil  
( LO-Maxfilter )



Automatic Filter for Fuel Oil  
( FO-Maxfilter )



Auto. Compound Welding Machine



Laser Cutting Machine (3kw)



Welding Robot System



**NIIKURA KOGYO CO.,LTD.  
FUKUSHIMA FACTORY**

Marine-related products and mass-production goods by automatic machine



Site – 10,699 m<sup>2</sup>

Building – 3,603 m<sup>2</sup>

**Production Equipments**

Turning Center	1	Automatic Drilling Machine	1
Horizontal Machining Center	6	Radial Drilling Machine	1
Vertical Machining Center	1	Table Drilling Machine	1
CNC Lathe	2	Bench Drilling Machine	3
NC Lathe	5	Spot Welding Machine	1
Engine Lathe	3	Air Press	2
Milling Machine	2	Drilling Grinding Machine	1







**NIIKURA CORPORATION  
FUKUSHIMA DIVISION**

Production unit of NIIKURA CORPORATION for Non-marine goods, Spray Nozzles & Precise Processing goods.



Site – 4,821 m<sup>2</sup>

Building – 1,057 m<sup>2</sup>

**Production Equipments**

Vertical Lathe	2	NC Compound Machine	3
Engine Lathe	5	Auto. Processor to V-shape gutter	4
Horizontal Boring Machine	1	Automatic/Bench Drilling Machine	5
Automatic Drilling Machine	1	Milling Machine	5
Machining Center	1	Blast machine	1
NC Lathe	8	Vacuum Packing Machine	1

Some Photos to show inside Factory;

Factory for Precise Processing goods related to electronics

NC Compound Machine



Spray Nozzles

Non-marine goods



# LOGISTICS CENTER of NIIKURA

The physical distribution of NIIKURA goods up to us.



Site – 8,154 m<sup>2</sup>

Building – 1,916 m<sup>2</sup>

## Production Equipments

Automatic Band Saw	3	Painting Equipment	3
Engine Lathe	1	Solvent reproduction machine	1
Bench Drilling Machine	1	Equipment for Hydraulic Test	1
Welding Machine	1	Equipment for Pneumatic Test	1
Forklift	3		

Some Photos to show inside Center



Views of Stocking



Equipments for Testing



Views of Stocking



**TESTING CENTER BELONGING TO COMMODITIES  
DEVELOPMENT DIVISION IN HOBARA FACTORY**



**Testing Equipments**

Piping Equipment for Hydraulic Pressure Test	.....	1
Piping Equipment for Pneumatic Pressure Test	.....	1
Piping Equipment for LO Filters Test	.....	1
Piping Equipment for FO Filters Test	.....	1
General-purpose Tester of Amslar type	.....	1
Impact Tester of Sharpee	.....	1
Rockwell Hardness Meter	.....	1
Spring Tester	.....	1
Injector of Ultra-violet beams	.....	1
Pressure Meter of standard weight type	.....	1
Supersonic flow detector	.....	1
Tester/Measurer of other items	.....	1

HEAD OFFICE of NIIKURA



Site - 418 m<sup>2</sup>

Building - 985 m<sup>2</sup>

## NEW PRODUCTS ADDED TO REGULAR ONES

### Marine-related Products

- HIGH VELOCITY VENTING VALVE (NHV) ..... For cargo—oil tank venting line
- AIR VENT HEAD (53B,53BW,53BS) ..... Automatic closing Vent Head
- LO-Maxfilter (LA1,LM1) ..... Auto-Back flushing L.O. filter
- FO-Maxfilter (FA,FAB,FAM) ..... Auto-Back flushing F.O. filter
- STORM VALVE (SV-FCD) ..... For Sewage Piping
- EMERGENCY SHUT-OFF VALVE for OIL TANK (ESG,ESA) ..... For Remote-Control Operation
- MINI DRAIN PLUG (MDP-32) ..... For Drainage of Each Deck Partition
- BUFFER CHAMBER (HBC-PA,PS) ..... For HIGH VELOCITY VENTING VALVE
- 3 DIMENSIONS WASHER (JWP-40) ..... For Preliminary Wash of Chemical Tank

### Plant-related Products

- NEW-MAX-STRAINER (BSW-PBA) ..... Multi-Washing Strainer For Peel-off Firm from Print Circuit Board
- PV VENT VALVE (110) ..... For assorted Breather Valve
- TANK WASHING GEAR ROTARY SPRINKLER (SPR) ..... For Smaller / Medium-sized Tanks of Various Fields such as Chemical, Medical Alcohol, Beer, Food, etc.
- TURBINE-DRIVEN ROTARY WASHER (JWM-25) ..... For Smaller / Medium-sized Tanks of Various Fields such as Pulp chest, Color Tank, Slurry, Pellet, Moromi, etc.  
(JWP-40) ..... For Medium-sized Tanks  
(UT-40) ..... For Smaller / Medium-sized Tanks
- DIRECT-TYPE STEAM SILENCER (DS&FS) ..... For Food, Cleaning, Kitchen Making use of Steam Hot Water
- MIXING NOZZLE (MN) ..... For Various Plants  
to Make Steam Based Hot Water
- TANK MIXING EDUCTOR (1000L) ..... For Stirring Tank Liquids
- EDUCTOR (ER) ..... For Drainage
- FLAME TRAP to Prevent Back-Fire (1200) ..... For Piping Sewage with Gas, Iron Foundry Plant Gas
- RUPTURE VALVE (RTV) ..... For Releasing Volume Gas from Plants

## PRINCIPAL PRODUCTS

### Ship Building & Machinery Related Products

These are special equipments and valves to be used for venting, cargo oil, cleaning oil pipe, bilge, ballast, drain pipe, air & steam pipe, etc. We make prospective production of about 50 items including ones covered by patent (13 cases) and utility grant (24 cases).

Among them;

AIR VENTING HEAD

HIGH VELOCITY VENTING VALVE

BUFFER CHAMBER for HIGH VELOCITY VENTING VALVE

GAS FREE VENT COVER

BREATHER VALVE in varieties

STORM VALVE

EMERGENCY SHUT-OFF VALVE for Oil Tank

FO/LO BACK-FLUSHING FILTER

AUTOMATIC GAS RELEASE VALVE for Fuel Oil Pipe

BUTTERFLY VALVE for IG/VENT SYSTEM

FLAME ARRESTER

EDUCTOR

TANK CLEANING MACHINE for Crude Oil Tanks

TANK CLEANING MACHINE for Chemical Tanker

SAFETY VALVE for LPG/LNG Tanks

PLUG for SCUPPER & GUTTER

### Spray Nozzles

These are mostly standard items of about 200 varieties depending on spray pattern, injection angle, flow capacity, flow distribution, drop size, etc. Most use are for versatile processes mentioned below. Some are covered by patent ( 1 ) and utility grant ( 3 ).

Print circuit board processing line	For etching, development, peel-off, wash-cleaning
Iron plate process	For continuous casting & roll cooling
Smoke & sulfide releasing process	For reaction & absorption
Dust collecting process	For cleaning & collection
Incinerating process	For cooling & dust-off
Stocking line of volatile & flammable	For fire extinction & cooling
Petro-chemical process	For reaction
Air conditioning process	For control of temperature & moisture
Welding process	For cleaning & drying
Medicine manufacturing process	For applying & granulating
Printing process	For surface processing
Painting process	For dust-protection & anti-dispersion
Paper manufacturing process	For spray
Sewage-disposal process	For decreasing gas bubble

## PRINCIPAL PRODUCTS

### Plant Related Products

#### ● for Petro-chemical plant

Special equipment/ valve for various stocking tanks

We make prospective production on about 25 items, and some are covered by patent (1) and utility grant (6). Among them;

U, Y and T Type Basket Strainers, etc.

PV VENT VALVE ( Tank Inner-pressure Adjusting Valve )

FLAME ARRESTER ( Device to Prevent Back Fire )

GAS RELIEF VALVE ( Safety Valve for Tank of LPG/LNG ) are widely exported to Russia, Middle East, South America, South-east Asia.

Also we prepare Spray nozzles for anti-fire and other uses.

#### ● for Atomic energy plant

Special equipment/ valve for pressure-control pool, genuine water, water-tank for fuel change, etc. in total 10 items. Some are utility grant (10).

Except for the above, we prepare those;

COOLING SPRAY NOZZLE for Reactor-housing Vessel & Reactor-Center

EDUCTOR & HOT WATER SUPPLIER for Reactor Piping

TANK-MIXING NOZZLE for Waste Treatment System

CIRCULATING WATER EJECTOR for Condensing Waste Liquid System

#### ● for Electronics industry

We prepare devices for Peeling-off machine of resist film to Print circuit board.

MULTI-CLEANING SYSTEM STRAINER (BSW-PBA type)

Varieties of SPRAY NOZZLE available for grind, developer, etching machine, peeling-off machine. They are of plastic-made & stainless-made.

#### ● for Iron plate plant

Special equipment/valve for cooling water & various piping

Some are utility grant (3), and some are very unique device.

Automatic Self-cleaning Strainer. U,Y and T Type Basket Strainers, etc.

FLAME TRAP ASSEMBLY (Back-fire Stopping Valve in Coax Gas Line)

LINE BLINDER

Also we prepare SPRAY nozzles for various use.

#### ● for Sewage treatment plant

Special equipment for piping in disposal plant, and special valve for aeration tank including some covered by utility grant (3) Main of them are;

Automatic Self-cleaning Strainer. U,Y and T Type Basket Strainers, etc.

BACK-WASHING SPRAY NOZZLE to decrease bubble in aeration tank

SAFETY VALVE in gas decreasing tank

FLAME ARRESTER to prevent back-fire

FLAME TRAP ASSEMBLY to prevent back-fire

#### ● for Paper/Food plant;

TANK CLEANING MACHINE

STEAM SILENCER

MIXING NOZZLE

**ADDRESS of FACTORY and DIVISION**

 **NI IKURA KOGYO CO., LTD.**

**HEAD OFFICE**

Postal code : 141-0022  
2-14-18 Higashi-gotanda, Shinagawa-ku, Tokyo  
TEL 03-3443-6571 FAX 03-3443-6576

**FUKUSHIMA BRANCH OFFICE**

Postal code : 960-8201  
5-7 Aza-sakutairi, Okajima, Fukushima-city, Fukushima-pref.  
TEL 024-528-7430 FAX 024-431-1533  
E-mail : marine@niikura.co.jp

**HOBARA FACTORY**

Postal code : 960-0674  
32 Aza-kaminozaki, Hobara-machi, Date-city, Fukushima-pref.  
TEL 024-575-4159 FAX 024-575-4150

**FUKUSHIMA FACTORY**

Postal code : 960-8201  
5-7 Aza-sakutairi, Okajima, Fukushima-city, Fukushima-pref.  
TEL 024-525-1712 FAX 024-535-6077

**HAKOZAKI FACTORY**

Postal code : 960-0502  
10-2 Aza-yamanoshita, Hakozaki, Date-city, Fukushima-pref.  
TEL 024-583-5810 FAX 024-584-3995

**LOGISTICS CENTER of NI IKURA**

Postal code : 960-0683  
33-2 Aza-doumoto, Takanarita, Hobara-machi, Date-city, Fukushima-pref.  
TEL 024-575-4828 FAX 024-575-0603

 **NI IKURA CORPORATION**

**HEAD OFFICE**

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2-14-18 Higashi-gotanda, Shinagawa-ku, Tokyo  
TEL 03-5449-0331 FAX 03-5449-0336

**FUKUSHIMA DIVISION**

Postal code : 960-0674  
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**PLANT DEVICE DEPT.**

TEL 024-575-4701 FAX 024-575-4702

**SPRAY NOZZLE DEPT.**

TEL 024-575-4702 FAX 024-575-4703

E-mail : spray@niikura.co.jp