

Ishizaka Electric Industry Co., Ltd. Japan  
Ishizaka Coil Co., Ltd. Japan

# ISHIZAKA Group's Profile



# **Message from the Company President**

Since its foundation in 1964, our company has proposed many types of manufacturing services such as coil winding, electrical component manufacturing, wire harness processing, pipe processing, air conditioning unit assembly in the field of automobile, motor cycle, construction machinery, industrial machinery, housing environmental equipment.

Currently, our company is working on opening a metal cutting section.

The accumulated knowledge in manufacturing and skilled human resources have cultivated for 50 years are our core competencies.

We will continue using our management resources effectively and keep trying to establish the production process that can surpass the expectation of our clients. We also continue our actions to become environment-friendly and to establish the sustainable society by working at standard of ISO14001.

We are happy and proud of delivering products to our clients and keep them satisfied. We will keep devoting ourselves to advance our business, and we appreciate any suggestions and assistance you would like to offer.

I wish your continued success in the business and the prosperity for all of you and every one in your family.

石坂剛司

Takeshi Ishizaka

President

# Company Profile

■Name	Ishizaka Electric Industry (Ishizaka Denki) Co., Ltd. Japan
■Location	1777 Hashie-machi, Isesaki-shi, Gunma 372-0001 Japan
■Telephone	+81-270-24-2983
■FAX	+81-270-24-2364
■President	Takeshi Ishizaka
■Established	June 1964
■Capital	¥ 15 million
■Number of employees	150
■Accounting period	September (Once a year)
■Product lines	Various types of coil winding Assembling auto electronics Resin molding Processing pipes made of iron/copper/aluminum Various types of welding process Special trial-manufacturing Assembling cooling device for construction machine
■Main Banks	Gunma Bank Isesaki Nishi branch, Ashikaga Bank Isesaki branch, Towa Bank Isesaki branch
■Main Clients	Sanden Holdings Corporation. / Hitachi Astemo, Ltd. /Mitsuba Corporation. / Osaki Electric Clutch and Brake Co., Ltd. (Osaki Dengyosha) / Nikko Electric Industry Co., Ltd. / Sinfonia Technology Co., Ltd. / Prospine Co., Ltd. / Okaya & Co., Ltd. / MAHLE Beh Gmbh & Co.KG,Stuttgart. / SANKYO Co., Ltd. Aiko Co., Ltd. / Mitsuba Environmental Solution Co., Ltd. ※ no particular order
■Name	Ishizaka Coil Co., Ltd. Japan
■Location	1777 Hashie-machi, Isesaki-shi, Gunma 372-0001 Japan
■telephone	+81-270-61-5085
■Fax	+81-270-24-2364
■President	Takeshi Ishizaka
Established	August 1978
■Capital	¥ 10 million
■Number of employees	30
■Accounting period	April (Once a year)
■Main banks	Gunma Bank Isesaki Nishi branch, Ashikaga Bank Isesaki branch, Towa Bank Isesaki branch
■Main Clients	Sanden Holdings Corporation, MEISEI ELECTRIC CO., LTD. ※ no particular order

# Company History

■June 1964	Kazuo Ishizaka (company president) has started the business of coil winding at 1777 Hashie-machi, Isesaki-shi.
■June 1967	Ishizaka Electronics Mfg. Inc. (capitalized at 10 million yen) has established. Ishizaka Electronics Mfg. Inc. has established the mass production system of coil winding for the dynamo light of SANDEN CO., LTD.
■March 1970	Ishizaka Electronics Mfg. Inc. has started manufacturing auto electronics and coils for Mitsuba Electric Mfg. Co., Ltd. (current MITSUBA Corporation).
■December 1973	Ishizaka Electronics Mfg. Inc. has secured the plant site and established new factory at 1822-1 Hashie-machi, Isesaki-shi
■March 1975	Ishizaka Electronics Mfg. Inc. has started manufacturing clutch coil for the automotive air conditioner of SANDEN CO., LTD
■October 1976	Since its business performance has been satisfactory, Ishizaka Electronics Mfg. Inc. has raised its capital to 15 million yen.
■August 1978	Ishizaka Coil Co., Ltd. (capitalized at 10 million yen) has established at 214 Naganuma-machi, Isesaki-shi (Yattajima Industrial Park).
■October 1978	ISHIZAKA Group has started production of processed copper pipe and aluminum pipe for the automotive air conditioner of SANDEN CO., LTD.
■December 1982	ISHIZAKA Group has started production of electromagnetic clutch coil and epoxy resin casting for OSAKI ELECTRIC CLUTCH AND BRAKE Co., Ltd.
■May 1983	ISHIZAKA Group has started production of fuel feed equipment (I/T·F/P) for JECS Corporation (current Hitachi Automotive Systems, Ltd).
■February 1985	Following the corporate reorganization, the name of the company has changed from Ishizaka Electronics Mfg. Inc. to Ishizaka Electric Industry Co., Ltd.
■August 1996	ISHIZAKA Group has started production of sector gear ASSY for the cruise control unit of Mitsuba Corporation.
■November 2000	ISHIZAKA Group has started production of HVAC (heating, ventilation, and air conditioning) for the construction machine of SANDEN CO., LTD.
■January 2001	Ishizaka Electric Industry Co., Ltd has earned ISO9002:1994 (current ISO9001:2008) certification.
■December 2001	Ishizaka Coil Co., Ltd. has earned S-TPM Prize from SANDEN CO., LTD.
■November 2004	The second factory of Ishizaka Electric Industry Co., Ltd (in Kasukawa-cho, Isesaki-shi) has started its operation with transferred component manufacturing line.
■August 2007	Both Ishizaka Electric Industry Co., Ltd. and Ishizaka Coil Co., Ltd. have earned Eco Action 21 certification.
■October 2008	ISHIZAKA Group has started production of copper pipe for the heat pump water heater of Sanden CO., LTD.
■February 2011	ISHIZAKA Group has started the metal cutting business.
■January 2013	ISHIZAKA Group has started the production and sale of jigs and tools.
■January 2015	ISHIZAKA Group has started the production and sale of the labor saving machinery.
■April 2015	ISHIZAKA Group has earned ISO14001:2004 certification.
■May 2017	The maebashi factory of Ishizaka Electric Industry Co., Ltd (in Ninomiya-machi, Maebashi-shi) has started its operation.
■May 2018	Ishizaka Electric Industry Co., Ltd. (Head office, Second factory, Maebashi factory), Ishizaka Coil Co., Ltd. (Except process related to consignment of specific production operations ) have earned ISO9001:2015 and ISO14001:2015 certification.
■October 2019	Replacement of president Kazuo Ishizaka assumed Company New Chairman. Takeshi Ishizaka assumed Company New President.
■May 2021	Ishizaka Coil Co., Ltd. Return authentication of ISO9001:2015 and ISO14001:2015.

# Business Locations

## **Ishizaka Electric Industry Co., Ltd.**

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Head office

1777 Hashie-machi, Isesaki-shi, Gunma 372-0001 Japan

• Telephone: +81-270-24-2983

• Fax : +81-270-24-2364

• Business details

Various types of coil winding,

Assembling auto electronics, Resin molding, etc.

Design and production of facilities and jigs, etc.

• Site area: 8,528 m<sup>2</sup> Building: 2,942 m<sup>2</sup>



## **Ishizaka Electric Industry Co., Ltd.**

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Second factory

1810-1 Kasukawa-cho, Isesaki-shi, Gunma 372-0023

Japan

• Telephone : +81-270-40-5102

• Fax : +81-270-40-5065

• Business details

Processing pipes made of iron/copper/aluminum,

Various types of welding process, etc.

• Site Area: 3,758 m<sup>2</sup> Building: 1,652 m<sup>2</sup>



## **Ishizaka Electric Industry Co., Ltd.**

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Maebashi Factory

575-1 Ninomiya-machi, Maebashi-shi, Gunma

379-2117 Japan

• Telephone : +81-27-212-2741

• Fax : +81-27-212-2742

• Business details

Assembling clutch

for car air conditioner compressor, etc.

• Site area: 8,528 m<sup>2</sup> Building: 4,092 m<sup>2</sup>



## **Ishizaka Coil Co., Ltd.**

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1777 Hashie-machi, Isesaki-shi, Gunma

372-0001 Japan

• Telephone : +81-270-61-5085

• Fax : +81-270-24-2364



# Products

## Main Products

### Clutch coil

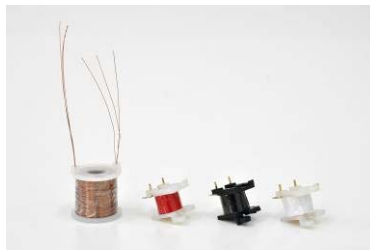
Our company has recognized its manufacturing technology of electromagnetic coils and chosen as "Only Company with Singular Technology" of Gunma in 2002.



### Brake coil



### Relay coil



### Clutch harness



### Fuel pump unit for vehicle



### Heat exchanger for heat pump water heater



### Pipe for car air-conditioner



### Pipe for car air-conditioner



### Cooling device for construction machine



### Aluminum cutting parts



# Company policie

## The Spirit of Establishment

仕事に  
誇りと  
喜びを

- Pride and joy towards work -

For the sake of the world through work, which is the main axis of life with pride and joy in my heart, my own study and pursuit of affluence.

## Company Motto

wa-chu-kyou-dou  
和衷共同

- Harmonious Cooperation -

This expresses the idea of working together with harmony and sincerity. With each individual bringing together their heart and soul and providing wisdom we aim for collective strengthening of the company. The spirit we believe is the same as our relationship with the clients and the society, in that by understanding each other and with united effort we believe we are able to provide real “manufacturing” and we will continue to succeed as our corporate culture. We will appropriately carry it out by partnership and, needless to say, by improving techniques and abilities so the society and our clients can rely and safely entrust us. We will carry out with such a straightforward and honesty and establish our “brand”.

## Company vision

We sincerely respond to the needs from our customers and society. With the combination of elaboration and cooperation, ISHIZAKA Group aims to become a reliable manufacturing enterprise.

By enhancing its capacity and technology, and by developing the place and working environment to demonstrate that ability, ISHIZAKA Group will become the great company to work for.

We always work hard to improve our working efficiency to achieve sustainable development with our customers.

Takeshi Ishizaka

President

Oct 1, 2019

# Equipment introduction

## List of main equipment

Classification	Name	Number of units
Winding	Winding assembly integrated production line (Aluminum wire, Copper wire)	2
	Aluminum automatic winding line (C6,C7)	2
	Fully automatic winding line (C2,C4)	2
	Automatic assembly robot line (B,F,Seal ring)	3
	Automatic winding machine	8
	Manual winding machine	10
	Automatic surface tape winding device	2
Harness processing & assembly	Harness automatic assembly line	2
	Harness automatic cutting machine	4
	Automatic end terminal caulking machine	2
	Terminal crimping machine	20
Drying device	Drying device	3
Casting machine and other	Epoxy resin continuous filling curing line	3
	Epoxy resin filling device (two-component dispenser)	1
	Sniffer type airtightness inspection machine	1
Pipe processing machine	Automatic pipe processing robot line	3
	Spin cutter	3
	Automatic chamfering machine	4
	Terminal processing machine	15
	Pipe bender	8
	Airtightness inspection machine	2
	Welder	1
Machine Tool	Hydraulic press	2
	General-purpose lathe	4
	NC lathe	2
	General-purpose milling machine	3
	Machining center	3
	Combined Machining Machine	1
	Surface grinding machine	2
Measuring machine	Electric discharge machine	1
	Projector	1
	Contour shape measuring machine	1
	Surface roughness meter	1
	CCD microscope	1
CAD	3D pipe dimension measuring machine	1
	3D(Solid Works)·2D	5
3D printer	3D pipe dimension measuring machine	2



## Equipment details

### Ishizaka Electric Industry Co., Ltd.

#### Machine Tool

Equipment Name	Manufacturer	Model	Length(cm)	Chuck (inch)		Revolutions per minute (rpm)	Transmission mechanism
General-purpose lathe	Washino	LR-55A	121.2	6		1800	Gear
General-purpose lathe	Washino	LEOG	181.8	8		1500	Gear
Equipment name	Manufacturer	Model	Table range of motion (mm)			Revolutions per minute (rpm)	Transmission mechanism
			x-axis	y-axis	z-axis		
General-purpose milling cutter	SHIZUOKA	VHR-A	820	300	550	3600	Continuously variable
General-purpose milling cutter	SHIZUOKA	VHR-G	1000	300	550	3600	Belt
General-purpose milling cutter	Yamaguchi	YMV-45SC	1000	450	450	2000	Continuously variable
Machining Center	DMG MORI Co., Ltd.	NVD4000 DCG HSC					
Machining Center	Okuma	3VA	560	360	300	4000	
Machining Center	Okuma	45V	920	450	500	5000	
Flat surface grinding machine	Okamoto	PSG-63DX	750	300	320	1800	
Key seater	Takara Machinery	TK-250NS					

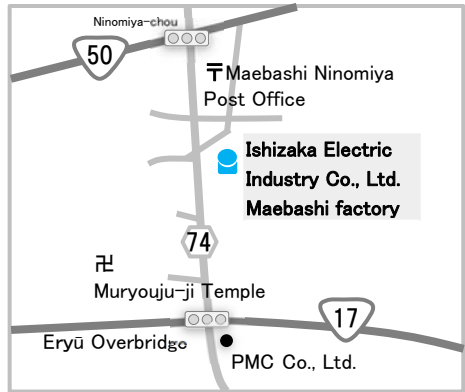
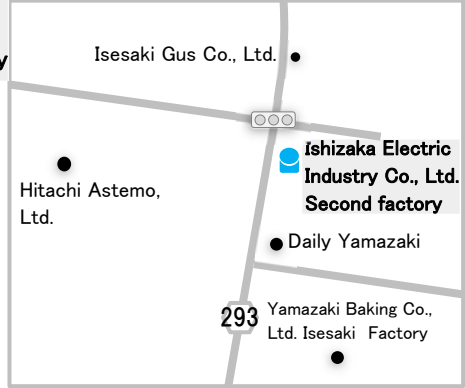
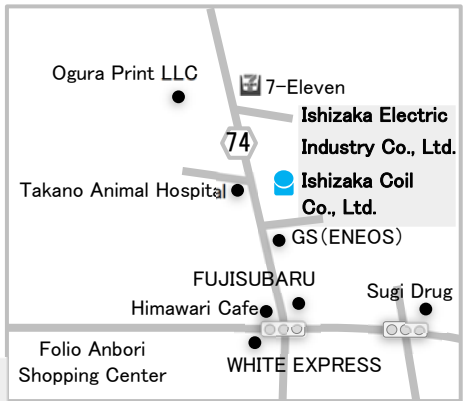
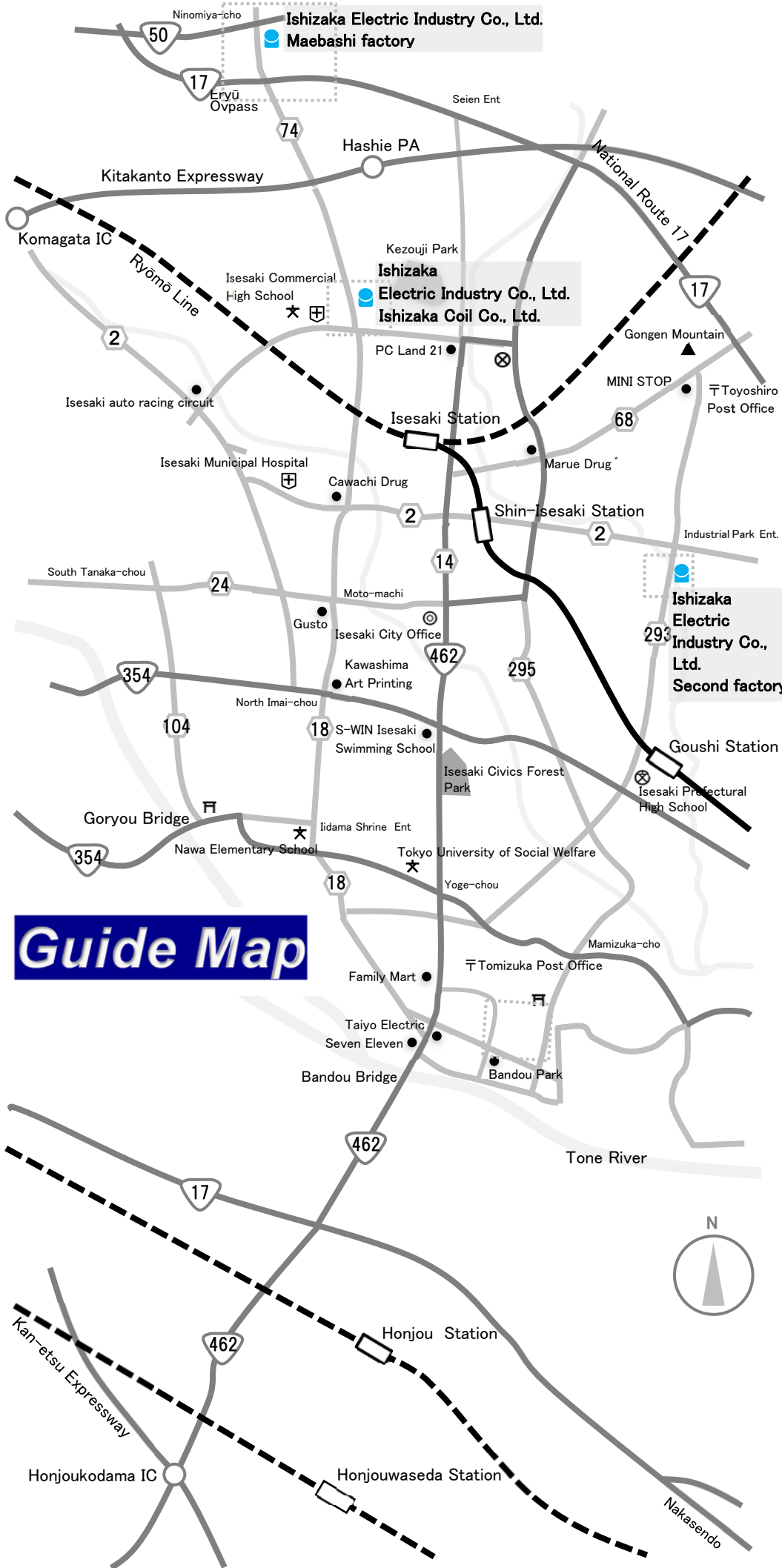
### Ishizaka Coil Co., Ltd.

#### Machine Tool

Equipment name	Manufacturer	Model
General-purpose milling cutter	Washino	LR-55A
NC lathe	Takisawa Machine Tool Co., Ltd.	TAC-360
NC lathe	DMG MORI Co., Ltd.	CL2000
General-purpose milling lathe	Makino Milling Machine Co.,Ltd	KVJP-55
Flat surface grinding machine	Suzuki Engineering Co., Ltd.	SSG-400

#### Measuring machine

Equipment name	Manufacturer	Model
Contour shape measuring machine	Tokyo Seimitsu Co., Ltd.	CONTOURECORD 1600D
Surface roughness meter	Tokyo Seimitsu Co., Ltd.	SURFCOM 480A







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