

## Members of Kobe Hydrogen Cluster (Industry-classified)

### Category: Machinery manufacturing

11 companies

Company Name	Category-1	Category-2	Product (Main)	Expected supply to Hydrogen industrial field	Web Site
ARC HARIMA CO., LTD.	Machinery manufacturing	Manufacture of general machinery	Sales of Metal Materials, Machinery Manufacturing	Various materials for equipment/device to hydrogen transportation or storage	<a href="https://www.arc1.co.jp/">https://www.arc1.co.jp/</a>
IFUKU SEIMITSU Co., Ltd.	Machinery manufacturing	Manufacture of precision instruments and machinery	Precision machinery	Precision parts for the fuel cell mobility field	<a href="https://www.ifukuseimitsu.com/">https://www.ifukuseimitsu.com/</a>
SR ENGINEERING CO., LTD.	Machinery manufacturing	Manufacture of precision instruments and machinery	Valves	Hydrogen gas boosters, hydrogen gas automatic valves (Already lined up)	<a href="https://www.sr-engineering.co.jp/">https://www.sr-engineering.co.jp/</a>
OKAZAKI MANUFACTURING COMPANY	Machinery manufacturing	Miscellaneous manufacturing industries	Temp. Sensors	Industrial temperature sensors for hydrogen station and also LH station	<a href="https://www.okazaki-mfg.com">https://www.okazaki-mfg.com</a>
OKAMURA Co., Ltd.	Machinery manufacturing	Manufacture of general machinery	General Purpose machinery	Supply system of hydrogen gas vaporized from LH, Small fuel vessels for hydrogen gas supply unit	<a href="https://www.okamura-industry.co.jp/">https://www.okamura-industry.co.jp/</a>
SHINKO SEIKI CO., LTD.	Machinery manufacturing	Manufacture of general machinery	Vacuum Pumps & Components, Film forming Equipment	Products with vacuum insulation technology, various surface treatments and heat treatments	<a href="https://www.shinko-seiki.com/">https://www.shinko-seiki.com/</a>
CHIYODA SEIKI CO., LTD.	Machinery manufacturing	Manufacture of general machinery	High pressure gas supply equipment and system	Multi-layer insulated vacuum piping for LH ,Fuel cell devices	<a href="https://www.chiyoda-seiki.co.jp/">https://www.chiyoda-seiki.co.jp/</a>
HYOGO PRECISION CO., LTD.	Machinery manufacturing	Manufacture of general machinery	Machining Parts	Machined component for difficult-to-cut materials of hydrogen related parts	<a href="https://hyousei.co.jp/">https://hyousei.co.jp/</a>
FUJI SEISAKUSYO Co., Ltd	Machinery manufacturing	Manufacture of general machinery	Heat Treatment Equipment	Heat treatment equipment for hydrogen gas	<a href="http://www.fuji-sss.co.jp/">http://www.fuji-sss.co.jp/</a>
YAMANA SOHTETSU SANJO CO., LTD.	Machinery manufacturing	Manufacture of precision instruments and machinery	Precision machinery	Hydrogen delivery and storage equipment	<a href="http://www.yamanass.co.jp/">http://www.yamanass.co.jp/</a>
YOSHIOKA INDUSTRY CO., LTD.	Machinery manufacturing	Manufacture of precision instruments and machinery	Precision machinery	Mechanical parts of compressor, generation unit, marine engine for transportation, storage of LH	<a href="http://www.ysok.jp/">http://www.ysok.jp/</a>

### Category: Product manufacturing

11 companies

Company Name	Category-1	Category-2	Product (Main)	Expected supply to Hydrogen industrial field	Web Site
IGAWARA SANGYO CO., LTD.	Product manufacturing	Manufacture of fabricated metal products	Machinery Parts	Manufacturing for Hydrogen product and Storage Plant	<a href="https://www.igawara.co.jp/">https://www.igawara.co.jp/</a>
Ohnsha Co., Ltd.	Product manufacturing	Manufacture of fabricated metal products Manufacture of rubber products Manufacture of plastic products	Seals	Sealing materials for high-pressure hydrogen valves, ultra-precision gaskets for hydrogen station	<a href="https://www.ohnsha.co.jp/">https://www.ohnsha.co.jp/</a>
ONAGA.CO.,LTD.	Product manufacturing	Manufacture of fabricated metal products	Aircraft parts manufacturing General industrial parts manufacturing	Industrial parts manufacturing for hydrogen	<a href="https://www.onaga.jp/">https://www.onaga.jp/</a>
KANAZAWA IRON WORKS CO., LTD.	Product manufacturing	Manufacture of fabricated metal products	Vessels	Pressure vessels and pipes for hydrogen stations and storage facilities under advanced welding technology	<a href="https://www.kanazawatekko.com/">https://www.kanazawatekko.com/</a>
KAWAKISHI SEISAKUSYO CO., LTD.	Product manufacturing	Manufacture of general machinery	Machinery Parts	Machinery parts supply for Power Generation and Industrial field	<a href="https://kawakishiseisakusho.jimdosite.com/">https://kawakishiseisakusho.jimdosite.com/</a>
KIDO CO., LTD.	Product manufacturing	Manufacture of non-ferrous metals and products	Vessels	Manufacture of equipment for LH storage facilities	<a href="https://www.kido-corp.com/">https://www.kido-corp.com/</a>
KYOEI TECHNOS Co., Ltd.	Product manufacturing	Manufacture of fabricated metal products	Precision machinery	Hydrogen combustion parts for gas turbine	<a href="http://www.kyoei-technos.co.jp/">http://www.kyoei-technos.co.jp/</a>
NERIKI.CO., LTD	Product manufacturing	Manufacture of fabricated metal products	Valves	High performance valves with complex functions as pressure control in compact footprint	<a href="http://www.neriki.co.jp/">http://www.neriki.co.jp/</a>
HENMI IRON WORKS Co., Ltd.	Product manufacturing	Manufacture of fabricated metal products	Vessels	LH containers	<a href="http://www.hemmi.co.jp/">http://www.hemmi.co.jp/</a>
MAEDAMARKIN CO.,LTD.	Product manufacturing	Manufacture of fabricated metal products	Industrial Parts	Industrial parts for hydrogen equipment	<a href="https://maedamarkin.com">https://maedamarkin.com</a>

Simozato Kogyo Co.,LTD.	Product manufacturing	Manufacture of fabricated metal products	Steel Products(Parts for Excavator)	Parts for Fuel Cell, Structural Components of Power Generation Equipment	<a href="http://www.simozato.co.jp/en/">http://www.simozato.co.jp/en/</a>
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**Category: Metal/non-metal materials**
**3 companies**

Company Name	Category-1	Category-2	Product (Main)	Expected supply to Hydrogen industrial field	Web Site
Santoku Corporation	Metal/non-metal materials	Manufacture of non-ferrous metals and products	Nonferrous Materials	Hydrogen storage alloys with unique patented technology	<a href="https://www.santoku-corp.co.jp/">https://www.santoku-corp.co.jp/</a>
Japan Silicolloy Co., Ltd.	Metal/non-metal materials	Manufacture of fabricated metal products	Silicolloy steel	Silicolloy steel as structural materials for LH	<a href="https://silicolloy.com/">https://silicolloy.com/</a>
FUJITA OXYGEN INDUSTRIES CO.,LTD	Metal/non-metal materials	Miscellaneous manufacturing industries	Welding Materials	Stable supply of hydrogen gas from filling to delivery	<a href="https://www.fujita-sanso.co.jp/">https://www.fujita-sanso.co.jp/</a>

**Category: Electrical equipment manufacturing**
**5 companies**

Company Name	Category-1	Category-2	Product (Main)	Expected supply to Hydrogen industrial field	Web Site
OKUI ELECTRIC CO., LTD.	Electrical equipment manufacturing	Manufacture of electrical machinery, equipment and supplies Manufacture of precision instruments and machinery	Electrical /Control Panels	Products for fuel cell mobility and hydrogen station based on accumulated liquid freezing expertise	<a href="https://www.okuielec.co.jp/">https://www.okuielec.co.jp/</a>
TSUBOTA-SOKKI Co., Ltd.	Electrical equipment manufacturing	Manufacture of electrical machinery, equipment and supplies	Electrical Parts	Operating units used by Liquid Crystal Display (LCD) for IoT(Internet of Things)	<a href="http://www.tsubota-sokki.com/">http://www.tsubota-sokki.com/</a>
ASCO Japan Co., Ltd	Electrical equipment manufacturing	Manufacture of electrical machinery, equipment and supplies	Valves	Solenoid Valves, Limit Switches	<a href="https://www.ascojp.co.jp/">https://www.ascojp.co.jp/</a>
HANSHINKIKI Co., LTD.	Electrical equipment manufacturing	Manufacture of electrical machinery, equipment and supplies	Electrical /Control Panels	Power generation system with fuel cell unit	<a href="https://www.hanshinkiki.co.jp/">https://www.hanshinkiki.co.jp/</a>
Yamamoto Electric Works Co. Ltd.	Electrical equipment manufacturing	Manufacture of electrical machinery, equipment and supplies	Measuring Devices	Level sensor for LH storage tank	<a href="https://www.manostar.co.jp/">https://www.manostar.co.jp/</a>

**Category: Other manufacturing**
**3 companies**

Company Name	Category-1	Category-2	Product (Main)	Expected supply to Hydrogen industrial field	Web Site
Kobe Material Testing Laboratory Co., Ltd.	Other manufacturing	Manufacture of fabricated metal products Manufacture of general machinery Manufacture of precision instruments and machinery Miscellaneous business services	Material Testing	Advance testing techniques to evaluate of structural materials in hydrogen environments	<a href="https://www.kmtl.co.jp/">https://www.kmtl.co.jp/</a>
SANYO KOJI Co.,LTD	Other manufacturing	Manufacture of fabricated metal products	Manufacture of machinery parts,elevator, furnacebody	Processing and manufacturing of hydrogen turbine	<a href="https://www.sanyo-koji.com/">https://www.sanyo-koji.com/</a>
MARUI GALVANIZING Co., Ltd.	Other manufacturing	Galvanized and other hot-dip coated metal products, except coated steel	Plating	Surface treatment to prevent penetration of hydrogen	<a href="http://www.e-marui.jp/">http://www.e-marui.jp/</a>

Note: Company with gray color has already entered the hydrogen business.