

# Mitsuoka Foundry Co., Ltd.

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Hirofumi Mitsuoka

We have an integrated casting system, from modelling and casting to heat treatment and machine processing, to meet customers' needs for high quality and quick delivery. Specializing in small-lot production of a wide variety of products, we can flexibly accept small production sizes from one piece to a few hundreds. Equipped with many special inspection machines, we established a reliable production system with good quality

Actively innovating new production methods, such as the use of 3D information, we are making an effort to be customers' production partner proposing ideas meeting their needs and expectations.

#### Products and Services

We produce cast parts for many industrial fields, including ship's machine parts and water supply parts. Produced with abundant experience, quality is always maintained for our thin-wall, thick-wall and jacket parts.

#### Equipment and facilities



High-frequency electric melting furnace (meltage: 1.5 tons, 2 tons): We can cast FC (gray iron) or FCD (ductile iron) into products weighing from 1 kg to 3.0 tons.



Casting simulation:

We convert two-dimensional drawings into three-dimensional information to perform solidification analysis and molten-metal flow simulation then, based on them, improving the draft plans and preventing defects.



Machining:

Utilizing vertical and horizontal machining centers and NC lathes, we perform programmed machining on cast products.

#### Company Information

Foundry, modelling, heat treatment, Industry:

and machining Established: 1970

40 million yen Capital: Annual sales: approx. 1 billion yen

Number of

employees: approx. 50 M I Machinery Co., Ltd. (affiliate)

156-1, Fukuriki, Tsuyama City, Address:

Okayama

·Magnetic-field test (MT) and Ultrasonic test (UT) are done in-company.

•We have such certifications to produce cast parts for the classification of large vessel as: Lloyd (UK), ABS (American), NK (Japanese), CCS (Chinese), DNV/GL (Norwegian/German), and BV (French).

## Overseas business

We have many international certifications as a producer of cast products for the classification of large vessel

as: Lloyd (UK), ABS (American), NK (Japanese), CCS (Chinese),

DNV/GL (Norwegian/German), and BV (French).



## Company PR

Also, we flexibly produce many water-supply joints, participating in customers' projects from the development stage to produce products for earthquake-proof construction of water-supply pipes and to realize a water-leak repair without cutting off water. Further, in large-scale disasters such as the big earthquakes Japan had, we quickly produced water-leakage prevention products for emergency measures and contributed to an early restoration of daily necessities ("lifelines") including supply of water, electricity, and gas.



### Recruitment history

Tsuyama Technical High School, Tsuyama Commercial High School, Tsuvama Higashi High School, Tsuvama High School,

Sakuyo High School, Mimasaka High School,

National Institute of Technology (Tsuyama College),

Osaka Sangyo University, Kansai University, Kochi University,

Shimane University Postgraduate School

## Ideal applicants

A person who:

Loves creating things.

Works on and think about a theme or problem

Responds to many situations flexibly, and Aims to be a worker relied on by others.

#### Message to applicants

Casting means making a mold and pouring in molten metal there to create a cast product. At Mitsuoka, you can see a final product made from something looking completely different from it. Foundry, especially, is the root of all manufacturing industries supporting Japan. This is work you will be proud of.