Main Markets

Marine Market

No.1 Global Market Share in LNG Carriers

Demand for Natural gas is growing as clean energy. Our products boast 95% share in LNG carrier market. In addition, we have many Experience with FPSO which is used for offshore crude oil production. Fukui products are contributing to stable supply of energy.

Power Plant Market

Experiences to Super High Temperature and Pressure Market

Electric power is an essential part to our lives. We have been supplying many safety valves to various kinds of power plants. In recent years, responding to the increased demand for power plants with high-efficiency and low CO2 emission, the power plant market has stepped into the fields of ultra-high temperature and super critical pressure.

Oil & Gas Market

Development for New Clean Energy Market

There are various energy plants expanding all over the world. Fukui, a safety valve manufacturer, has fulfilled a wide variety of product requirements from the market. Through offering ideal safety valves for our customers such as major engineering companies, machinery manufacturers and end users, and ensuring the safety of their plants, Fukui has earned our customers’ trusts.
Benefits

Top Quality from Japan

• 77 Years Experience as Safety Valve Specialized Manufacturer
• Fully Integrated Manufacturing at One Place
• World’s Most Advanced Test Facilities
• LNG Carrier Market Share 95%

Experience since 1936

Top Unparalleled Variety

• Various Types
  Ex. (Spring Loaded, Pilot Operated, Electrical Relief, Vacuum Relief)

One-Stop Shop

Top Global Support

• Worldwide After-Sales Support
• Plant Life-Time Cover Parts Supply
• User Friendly 3D Instruction Manual

On Your Side

For More Information Visit www.fkis.co.jp
Products

**Spring Loaded For Process Line**
- **RE**: ASME UV (Sec VIII) Approved
- Type Approval by various class
- Certified value:
  - Air, Gas: 0.869
  - Steam: 0.869
  - Liquid: 0.717
- Pressure: 0.035 ~ 41.4 MPa
- Temp: -268 ~ 538 °C
- Size: 3/4 inch ~ 20 inch
- Various Material/Option

**Pilot Operated For Process Line**
- **RP**: ASME UV (Sec VIII) Approved
- Certified value: Air, Gas: 0.877
  - Water: 0.743
- Pressure: 0.1 ~ 41.4 MPa
- Temp: -196 ~ 260 °C
- Size: 1 inch ~ 20 inch
- POP & Modulate Action

**Pilot Operated For Storage Tank**
- **PSL-MD**: Type approval by various class
- Pressure: 1 ~ 250 kPa
- Temp: -196 ~ 125 °C
- Size: 2 inch ~ 14 inch

**Vacuum Relief Valves**
- **EVDW**: Pressure: -0.22 ~ -0.66 kPa
  - Size: 8 inch ~ 12 inch
  - 16 ~ 18 inch (Under Development)
  - Material: Stainless or Aluminum

**Spring Loaded For Power Boiler**
- **SL**: ASME V (Sec I) / UV (Sec VIII) Approved
- Type Approval by various class
- Certified value: Steam: 0.878
- Pressure: ~ 36.8 MPa
- Temp: ~ 604 °C
- Size: 1 inch ~ 8 inch

**Pilot Operated For Economizer**
- **RPE**: ASME V (Sec I) Approved
- Pressure: ~ 25 MPa
- Temp: ~ 350 °C
- Size: 1 inch ~ 8 inch
- This series can be used for both steam and water.

**Pilot Operated For Process Line**
- **PSL-MP**: Type approval by various class
- Pressure: 0.1 ~ 2 MPa
- Temp: -196 ~ 125 °C
- Size: 2 inch ~ 8 inch

**Electric Relief Valves For Power Boiler**
- **PCV**: ASME V (Sec I) Approved
- Set Press Tolerance ± 1%
- Certified value: Steam: 0.818
- Pressure: ~ 36.8 MPa
- Temp: ~ 604 °C
- Size: 1.1/2 inch ~ 6 inch

- **Dead-Weight**
- **Pump Relief**
- **Forged Body**
- **Jacket**
- **Water Sealed**
Company History

Since the establishment in 1936, as Safety Valve Specialized Manufacturer, we have been providing our knowledge and experiences for all over the world.

1936 Established
Started to manufacture mainly safety valves and water gauges

1948 Incorporated and re-established as FUKUI SEISAKUSHO CO.,LTD

1940

1950

1970

1972 Head Office relocated and consolidate to Hirakata Plant

1971 Invested by SBIC West Japan

1971 Granted High Pressure Gas Control Law Approval by the MITI

1972 FUKUI Safety Valve registered with the patent office

1977 Qualified the “V”, “UV” ASME STAMP

1978 Development of electrically operated relief valve and PSV for supercritical boilers (32MPa, 540°C)

1979 IGC CODE revision conference was held at our company

1981 New material warehouse constructed

1990

1992 Supplied POPRVs※1 for cargo tanks of LNG carriers (classed by NK)
ISO9001 certified

1992 Supplied PSVs for Sakhalin II LNG

1998 Development of electrically operated relief valve and PSV for supercritical boilers (32MPa, 540°C)

2000

2001 Cerebrated 65th Anniversary party

2003 Built the steam test facility (22MPa, 600°C) and the steam chamber (1M³, 5M³)

2006 Small-size PSV shop constructed

2008 Supplied PSV for Sakhalin II LNG

2008 New material warehouse constructed

2009 IGC CODE revision conference was held at our company

2010 Held the demonstration of Power actuated Control valve (PCV) and PCV for supercritical power boiler

2011 Supplied PCVs and PSVs for Indian and Egyptian super critical power boilers. Total 5 plants, 11 units. An order total of PSVs for LNG ship cargo tanks became 300 ships.

2012 Started the construction of New technical building for improving the capacity of flow capacity testing devices

※1 POPRV・・・Pilot Operated Pressure Relief Valve
A Message from CEO

Master the Safety Valve
Live for the Safety Valve

President / CEO
Isao Fukui

Since the establishment in 1936, we, FUKUI SEISAKUSHO CO., LTD. as the manufacturer of Safety Valve has delivered the Safety to our customers. Our supply markets are wide-ranging in the energy industry such as for power plants, LNG carriers and gas storage tanks.

In such diversified and highly developing fields, we have been receiving high reputation from domestic / overseas customers for our earnest and continuous efforts.

In the recent significant globalization including the development of rising nations, we found the difficulty of doing the business in the old-time way. Now, trying to expand our view points by studying markets, we reorganized our company structure while making efforts to enter each market more efficiently.

"Taking Initiative" is our keyword of doing business and our missions in this society are: making a contribution to our customers and building the organization culture in which the company members can have goals in life. We look forward to sharing those hopes with you and greatly appreciate your continuous encouragement.

Company Profile

- Representative: Isao Fukui, President/CEO
- Capital: 100 Million Yen
- Annual Sales: 5,200 Million Yen (March, 2012)
- Employees: 185 (As of April, 2012)
- Land: 15,000㎡
- Building: 7,800㎡
- Products: Pilot-operated Pressure Relief Valves and Service
  - Spring-loaded Safety Valves, Relief Valves, Vacuum Valves,
  - Design / Manufacturing / Sales / Maintenance service

Sales Rates by Markets (Fiscal 2011)

- Marine: 22%
- Power Plant: 16%
- Chemical: 21%
- Gas: 18%
- Refinery: 13%
- Industrial Machinery: 10%
Global Service Networks

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Certificates

ASME “V”  ASME “UV”  SQL in China  CE Marking

To Deliver the Confident “Safety”
To Develop the Future "Industry"
To Maintain the Rich "Environment"

Major Class Type Approval
and more…

Since 1936

Worldwide Parts Supply
and Technical Support Services

Japan  Taiwan  Philippines  Malaysia  Australia  PNG  Madagascar  Saudi Arabia  U.A.E.
South Korea  China  Singapore  India  Germany  Netherlands  U.S.A.  Brazil

ASME "V"  ASME "UV"  SQL in China  CE Marking

ISO 9001

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and Technical Support Services