

# RFQ

## LIMANNTECH CO., LTD.

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## INTRODUCTION TO VALVE BUSINESS



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# 1. COMPANY INTRODUCTION



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SVS is a global company supplying High Performance (Metal, Teflon, Fire Safe Seat), Cargo Eccentric, Triple Eccentric, LNG Cryogenic Butterfly Valves to Shipbuilding & Offshore, Oil & Gas, Power & other industrial plants under the slogan "Let's pioneer a new markets through continuous technology development."

SVS is a technology innovative company with ISO 9001, Classification Certificates (ABS, DNV, LR, BV, etc.), Fire Safe Certificates and have lots of patents.

Also provide various smart solution for valves together with professional technicians have many experience in developing high performance butterfly valves.

SVS is a company dreams a family-like company.

We will do our best for customer impression with continuous research and development and quality improvement. We hope many love & support.

Many thanks,

## 2. COMPANY PROFILE



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2.1 ORGANIZATION

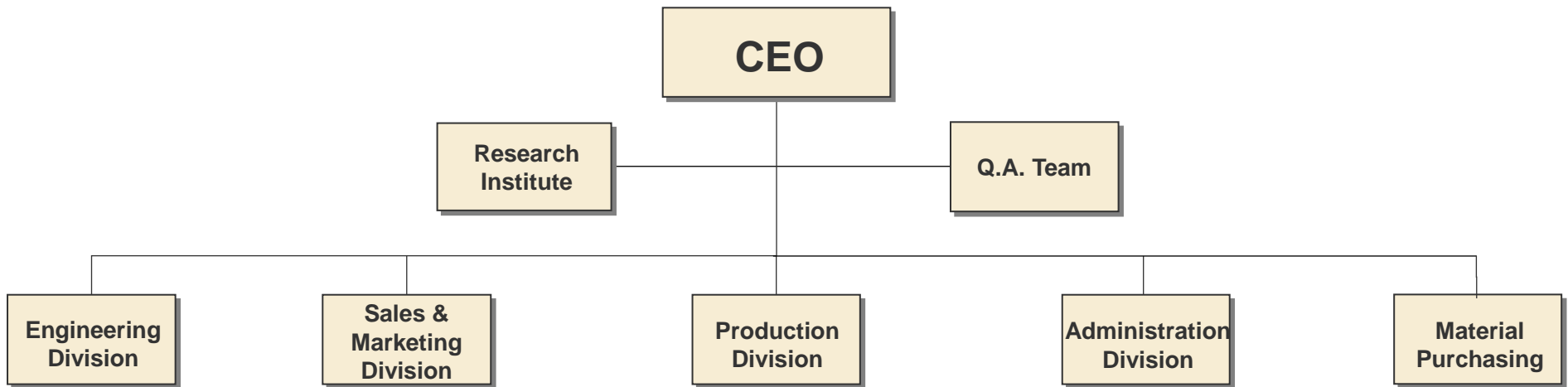
2.2 LOCATION

2.3 HISTORY

## 2.1 ORGANIZATION



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## 2.2 LOCATION



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### 1. HEAD OFFICE & FACTORY

: 487, Gwahaksandan-ro, Gangseo-gu, Busan, Republic of Korea



## 2.3 HISTORY



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Date	History
2017. 02. 14.	Established 'SVS Co., Ltd' corporation
2018. 05. 25.	Registered ISO 9001:2015
2018. 12. 17.	Registered Fire Safety Cert
2019. 01. 31.	Contract with IMR Corp. – Project 'MODEC– FPSO GOANABARA MV31 (Marine bulk valve)'
2019. 02. 12.	Registered DRYDOCKS WORLD–DUBAI LLC (UAE)
2019. 04. 25.	Contracted with Hull No. SPV 0001 – KOREA COAST GUARD
2019. 06. 13.	Contracted with Project MSC Hull No.1352~1356 – 6700TEU Container (Scrubber)
2019. 06. 20.	Contracted with Project 'Daehan–yuhwa Oxygen Facility Extension Construction'
2019. 06. 23.	Registered Cryogenic Test Cert . (Patent pending)
2019. 09. 06.	Contracted with Project No. S1027 ~ 30 – 6700TEU Container (Scrubber)
2020. 01. 20.	Certificate of Patent of Quadruple Offset Butterfly Valve
2020. 05. 28.	Registered as a venture company
2020. 05. 31.	Developed as Butterfly valve of buffing, Acid Cleaning & Registered as TK–FUJIJIN corporation
2020. 07. 01.	Contracted with Project 'Shapoorji KG–DWN–98/2 Development'
2021. 01. 25.	Certificate of Patent of Double Stem Cryogenic Butterfly Valve
2021. 05. 03.	Contracted with Project No. H2512 ~ 2513 (DSME)
2021. 06. 14	Contracted with Project 'Boryeong & Dangjin thermal power plant' (High–Performance butterfly valve)
2022. 06. 25	Contracted with BMT for cryogenic butterfly valve (4"~12" )
2023. 09. 04	Contracted with Project Hull no. 422001~2 (Kangnam shipyard)
2024. 01. 02.	Contracted with Project '5404–02–BALEINE II FPSO'(Drydocks world)

# 3. CERTIFICATE



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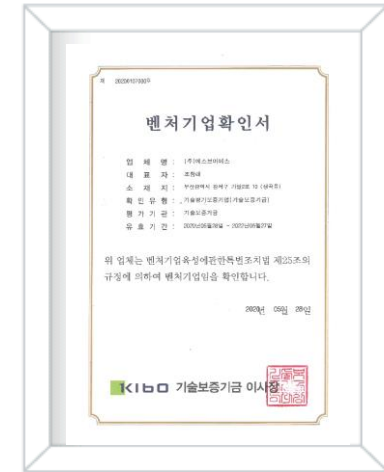
ISO9001\_ENG



Fire safety



ABS Certificate



Venture Business Confirmation



R&D Center



Certificate of Patent



Certificate of Patent



Certificate of Patent

## 4. MACHINERIES AND FACILITIES



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VALVE PRESSURE TESTER



LATHE Milling MACHINE  
(2-axis / 580mm / 1350rpm)



Woochang(DUA-560)  
( $\Phi 50 \times 500$ mm)



RADIAL DRILLING MACHINE



CRYOGENIC VALVE TESTER



# 5. PRODUCTION



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## 5.1 BUSINESS DIVISION INTRODUCTION

## 5.2 BUTTERFLY VALVE

### 5.2.1 CONCENTRIC VALVE

### 5.2.2 ECCENTRIC VALVE

### 5.2.3 TRIPLE ECCENTRIC METAL SEAT VALVE

### 5.2.4 WATER WORKS VALVE

### 5.2.5 CRYOGENIC VALVE

## 5.3 PRODUCTION CAPACITY

## 5.4 REFERENCE LIST

# 5.1 BUSINESS DIVISION INTRODUCTION



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- FPSO : Floating Production, Storage and Off-loading vessel
- EPC : Engineering, Procurement, Construction



## 5.2 BUTTERFLY VALVE



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### 5.2.1 Concentric Valve

- ▶ Diameter : DN40 ~ DN2000
- ▶ Type : Wafer, Semi-Lug, Full-Lug, Flange
- ▶ Seat : EPDM, NBR, VITON
- ▶ Fluid : Water(Salt water), Oil, Gas
- ▶ Pressure : ~ 10 Bar
- ▶ Fluid temperature : -20 °C ~ 130 °C



## 5.2 BUTTERFLY VALVE

### 5.2.2 Eccentric Valve

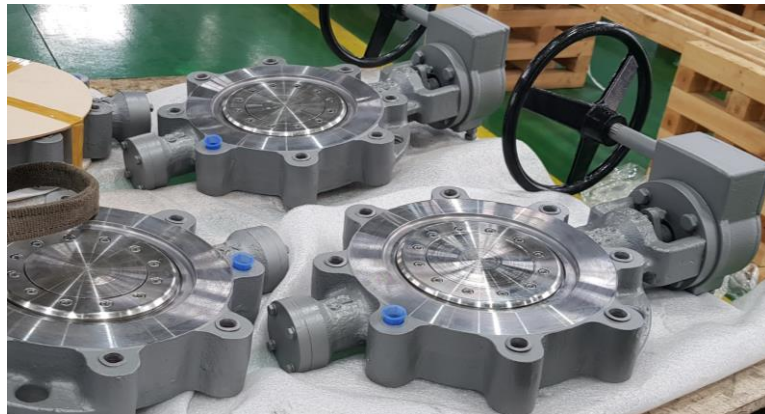
- ▶ Diameter : DN40 ~ DN1500
- ▶ Type : Wafer, Semi-Lug, Full-Lug, Flange
- ▶ Seat :
  - Fire Safety (PTFE+STAINLESS)
  - Teflon Seat (PTFE / RPTFE)
  - Cargo Rubber Seat (EPDM / NBR / VITON)
  - Metal Seat (STAINLESS / STAINLESS+GRAP.)
- ▶ Fluid : Water, Crude Oil, Gas, Thermal Oil, Chemical
- ▶ Pressure : ~ 50 Bar
- ▶ Fluid temperature : -20 °C ~ 400 °C



## 5.2 BUTTERFLY VALVE

### 5.2.3 Triple Eccentric Metal Seat Valve

- ▶ Diameter : DN80 ~ DN2000
- ▶ Type : Wafer, Semi-Lug, Full-Lug, Flange
- ▶ Seat :
  - Solid Seat
  - Laminate Seat
- ▶ Fluid : Water, Oil, Gas, Chemical, Steam
- ▶ Pressure : ~ 250 Bar
- ▶ Fluid temperature : -20 °C ~ 600 °C



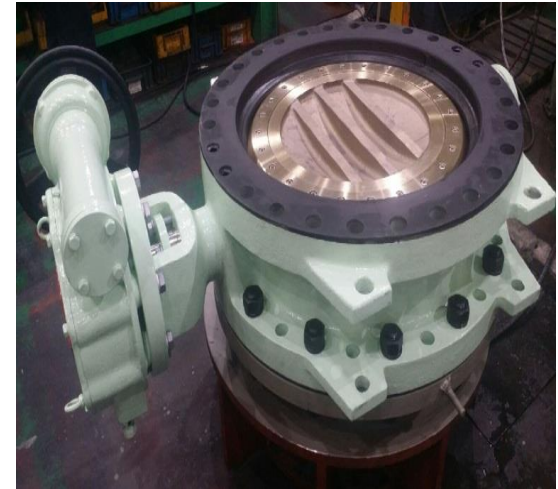
## 5.2 BUTTERFLY VALVE



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### 5.2.4 Water Works Valve

- ▶ Diameter : DN80 ~ DN3000
- ▶ Type : Wafer, Semi-Lug, Full-Lug, Flange
- ▶ Seat : Rubber Seat (EPDM / NBR)
- ▶ Fluid : Water(Salt water), Oil
- ▶ Pressure : ~ 40 Bar
- ▶ Fluid temperature : -20 °C ~ 130 °C



## 5.2 BUTTERFLY VALVE



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### 5.2.5 Cryogenic Valve

- ▶ Diameter : DN80 ~ DN2000
- ▶ Type : Flange, Butt-weld(Side Entry)
- ▶ Seat : Metal & Soft
- ▶ Fluid : LNG
- ▶ Pressure : ~ 50 Bar
- ▶ Fluid temperature : -196 °C ~ +400 °C



## 5.3 PRODUCTION CAPACITY



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### 1 Butterfly Valve

Butterfly Valve	Diameter	Production Capacity
▶ Concentric	DN40 ~ DN2000	2,000 EA/MON.
▶ Eccentric	DN40 ~ DN1500	1,000 EA/MON.
▶ Triple Eccentric Metal Seat	DN80 ~ DN2000	100 EA/MON.
▶ Water Works	DN80 ~ DN3000	300 EA/MON.
▶ Cryogenic	DN80 ~ DN2000	50 EA/MON.

### 2 Flange Rating

▶ Flange Rating	JIS KS 5K~40K // ASME / ANSI CLASS 150~2500 // (DIN, BS, EN, ISO) PN6~PN40 // AWWA C207 CLASS B~F
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