

COMPANY OVERVIEW



"Highest Quality Valves & Fittings for Special Clients Worldwide"

KPL INDUSTRY, A PREMIER HIGH PRESSURE VALVES AND FITTINGS MANUFACTURERS IN SOUTH KOREA, SERVE THE OIL & GAS, POWER GENERATION, THERMAL & CHEMICAL PROCESSING AND OTHER MISSION-CRITICAL INDUSTRIES IN THE WORLD.

EXTENSIVE CAPABILITY RANGE, EXCEPTIONAL QUALITY AND SUPERB CUSTOMER SERVICE MAKES **KPL INDUSTRY** THE PREMIER VALUE SOLUTION FOR ALL OF YOUR VALVES AND FITTINGS NEEDS.

KPL INDUSTRY WILL DO ITS BEST TO PROVIDE OUR VALUED CUSTOMERS WITH THE HIGHEST QUALITY PRODUCTS AT THE INDUSTRY'S MOST COMPETITIVE PRICE LEVEL.

GIVE US AN OPPORTUNITY TO EXCEED YOUR EXPECTATIONS.







2017

• JAN 2017 ACQUIRED KC CERTIFICATE

2016

- Nov 2016 Acquired Approval factory from RINA
- Nov 2016 Acquired PED certificate
- Nov 2016 Acquired ISO 14001 Certificate

2015

- SEP 2015 FOUNDED KPL R&D CENTER
- DEC 2015 ESTABLISHED KPL US BRANCH

2014

• JAN 2014 ESTABLISHED KPL CHINA BRANCH

2013

- DEC 2013 BE AWARDED MEDAL FOR 3MILLION-DOLLARS EXPORT
- OCT 2013 OBTAINED A CERTIFICATE OF QUALIFIED SUPPLIER (POSCO E&C)

2012

• APR 2012 OBTAINED A CERTIFICATE FOR NUCLEAR QUALIFICATION FROM KEPIC MN

2011

- MAR 2011 OBTAINED A CERTIFICATE OF QUALIFIED SUPPLIER (HYUNDAI)
- MAR 2011 OBTAINED A CERTIFICATE OF REGISTRATION ISO9001 FROM HSB

2009

- MAY 2009 EXPORTED FORGED FITTINGS TO JAPAN
- OCT 2009 EXPORTED PLANT ITEMS TO UAE &
 OMAN

WWW/KPLFITTING.COM

2008

AUG 2008 ESTABLISHED KPL COMPANY





MERITS & ADVANTAGES





PLUG VALVES

1" x 2" 1502 M x F Standard & H2S 2" x 2" 1502 M x F , LP Thread Standard & H2S 3" x 3" 1502 M x F , LP Thread Standard & H2S 15,000psi working pressure 22,500 psi Tested



PLUG VALVE REPAIR KIT

Plug seal, plug, insert, insert o-ring, Adjust Nut

OTECO STYLE GATE VALVES

2" to 5", 2,000psi to 5,000psi WP Female Line pipe connection / Union End connection / Butt welded end & Flange end connection



DEMCO STYLE GATE VALVES.

2" to 5" 7,500psi WP Butt Welded End Connection Flanged End Connection KĐ



PUB JOINT

2" & 3" 10,000psi & 15,000psi WP, 1ft to 15ft Length Integral Type (1ft to 10ft length) Non pressure Seal Type (1ft to 20ft length)

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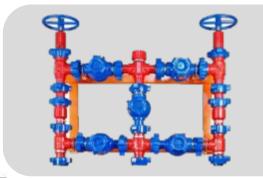
HOSE LOOP

Designs are available for sour gas services at cold working pressures up to 15,000psi 2" & 3" Long Radius Style 50 & Style 10 8ft to 12ft



INTEGRAL FITTINGS

We provide series of high pressure integral fittings inkling Tees, Crosses, Elbows 2" to 4" 3,000psi to 20,000psi



MANIFOLD

5pcs of plug valves & 2 Adjustable choke valves Available in standard and H2S service H2S service made per NACE MR-0175 NPT and Autoclave ports are available by customer request Other combinations are also available by customer request



CHOKE VALVE

2" to 3" Standard & H2S service

10,000psi to 20,000psi

Repair part can be interchangeable with international brands



CHOKE PART

Choke Stem, Choke Seat, Choke Bean



SWIVEL JOINT

2" to 4", 6,000psi to 20,000psi WP Fig602, Fig1002, Fig 1502 Style 10 to 100



HAMMER UNION

KPL Hammer unions can be interchanged with products in international market The model of welding Union : FIG20, FIG60,FIG1002,FIG1502, FIG2002 The model of H2S welding Union : FIG602, FIG1002,FIG1502, FIG2202



Forged fittings

Construction, Power Plant, Oil Refining, Chemical Plant, LPG Pipe Line. - Maximum Operating Pressure : 9000 lb at 100°F (38°C)

- Operating Temperature Range : 1000°F (537°C)



Flanges

Various Industrial Site.

- Pipe Size:1/2 up to 24 inch

Butt welding fittings

Weld Fittings for various industrial site

- Pipe Size:1/2 up to 24 inch



Instrumentation, High pressure and Temperature, Cryogenic service.

- Maximum Operating Pressure :9000 psig(620barg) @ 100°F(38°C)
- Operating Temperature Range :-325°F(-198°C) to 1200°F(648°C)
- Size :OD 1/16 -2 inch, OD 2mm -38mm



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Integral Bonnet Needle Valve Instrument Isolation, General Service for Test Stand.

-Maximum Operating Pressure:5000 psig (340 barg) at 100°F (38°C)

-Operating Temperature:-65°F (-54°C) to 450°F (232°C)

KPL WILL DO THE BEST FOR THE LEADING COMPANY OF FITTING INDUSTRIES WITH HIGH TECHNIQUE AND PRODUCTS

Manufacturing Process



KPL

KPLWILL DO THE BEST FOR THE LEADING COMPANY OF FITTING INDUSTRIES WITH HIGH TECHNIQUE AND PRODUCTS

KPL Production

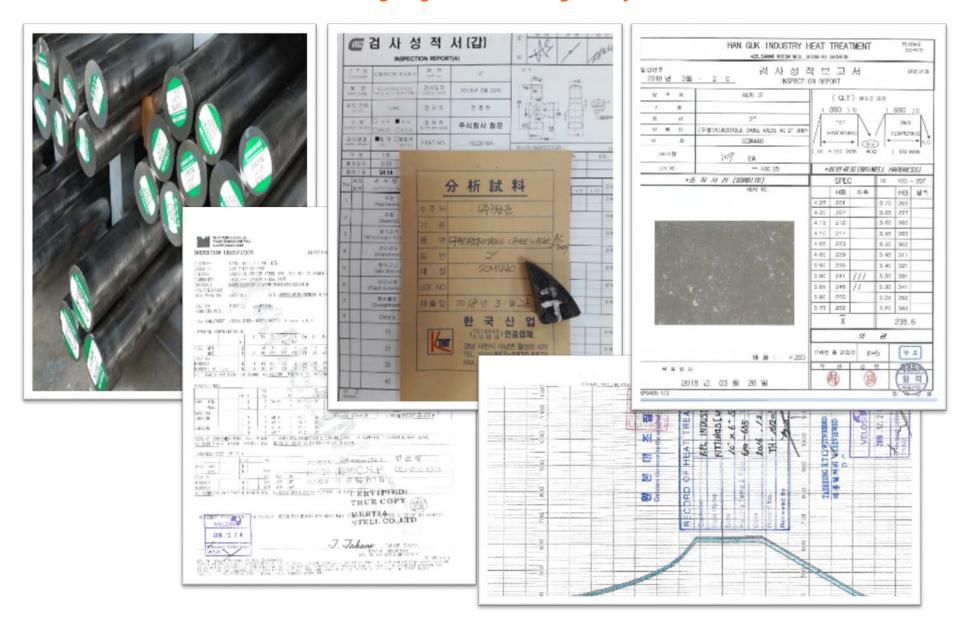


KPL Production



Quality Control & Inspection

"Raw Material Traceability System Fully Implemented "



Quality control & Inspection

"3rd party inspection available upon customer's request "



Quality control & Inspection

"100% hydraulic testing performed prior to shipment"



Quality control & Inspection

TEST EQIPMENTS

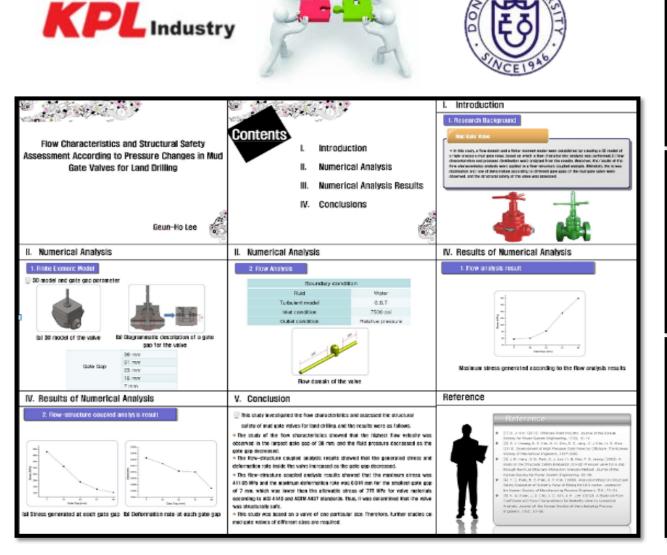


Certificates



ISO 14001:2004 / ISO 9001 : 2009 / RINA Workshop REC1477 16PU / PED 16KQ PP 2_161104

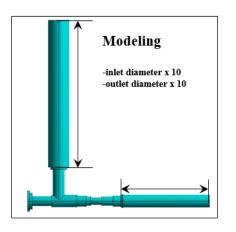
"Continue developing new product offerings with renowned local R&D institutions"





Research and Development

3D Modeling & Numerical analysis



FEA Mesh information - Nodes : 727636 - Elements : 2663828 - Option : Inflation

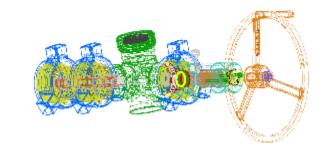
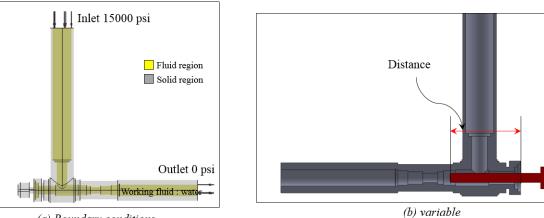
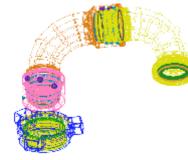


figure-1) Modeling and FEA model

Boundary conditions and variable

 $\checkmark\,$ This simulation was carried out in following conditions





(a) Boundary conditions

Figure-2 Boundary conditions and variable

Fluid Analysis

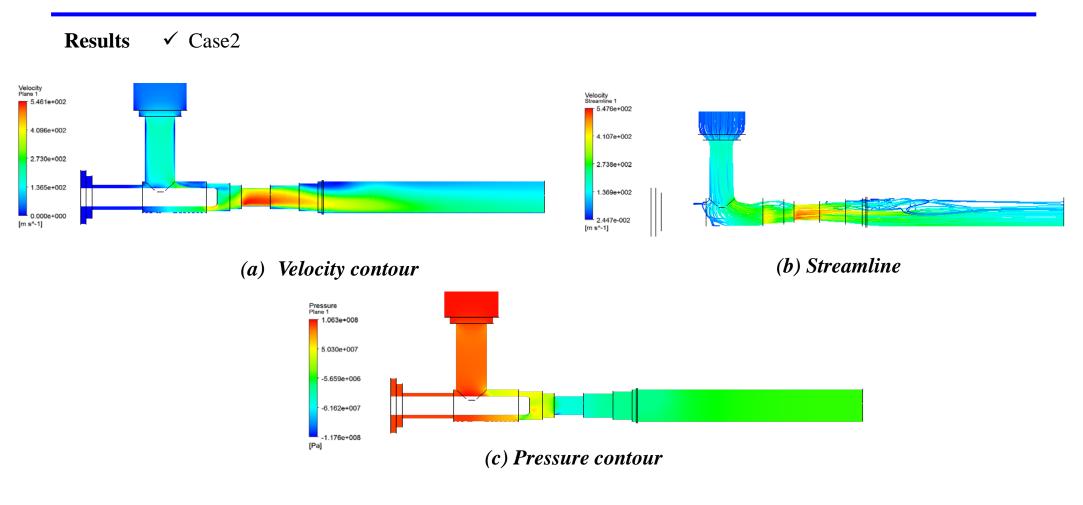
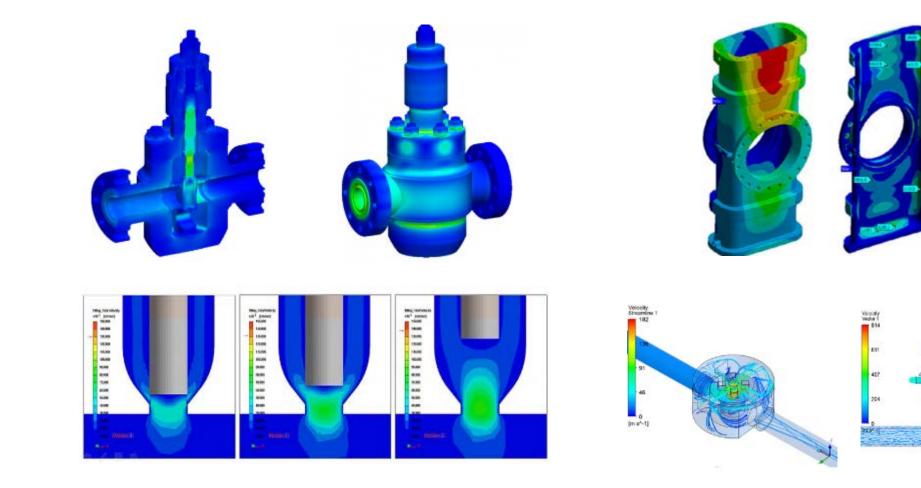


Figure-4 Simulation results

Fluid Analysis

Results ✓ Case3



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Fluid Analysis

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Results ✓ Case4

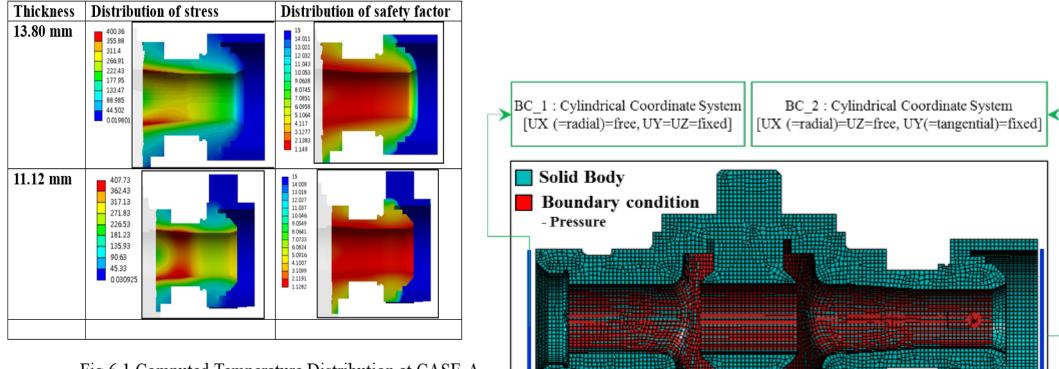


Fig.6.1 Computed Temperature Distribution at CASE-A

Packaging

"We pack our products in safe packaging and elegant designs."



Main concept : Metal

Main concept : Connection

Contact

"If you have any inquiries do not hesitate to contact us."



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