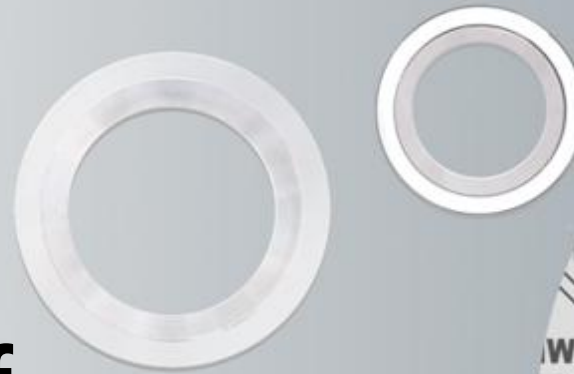


Introduction of Tae Hwa Kalpa Seal Co., Ltd.



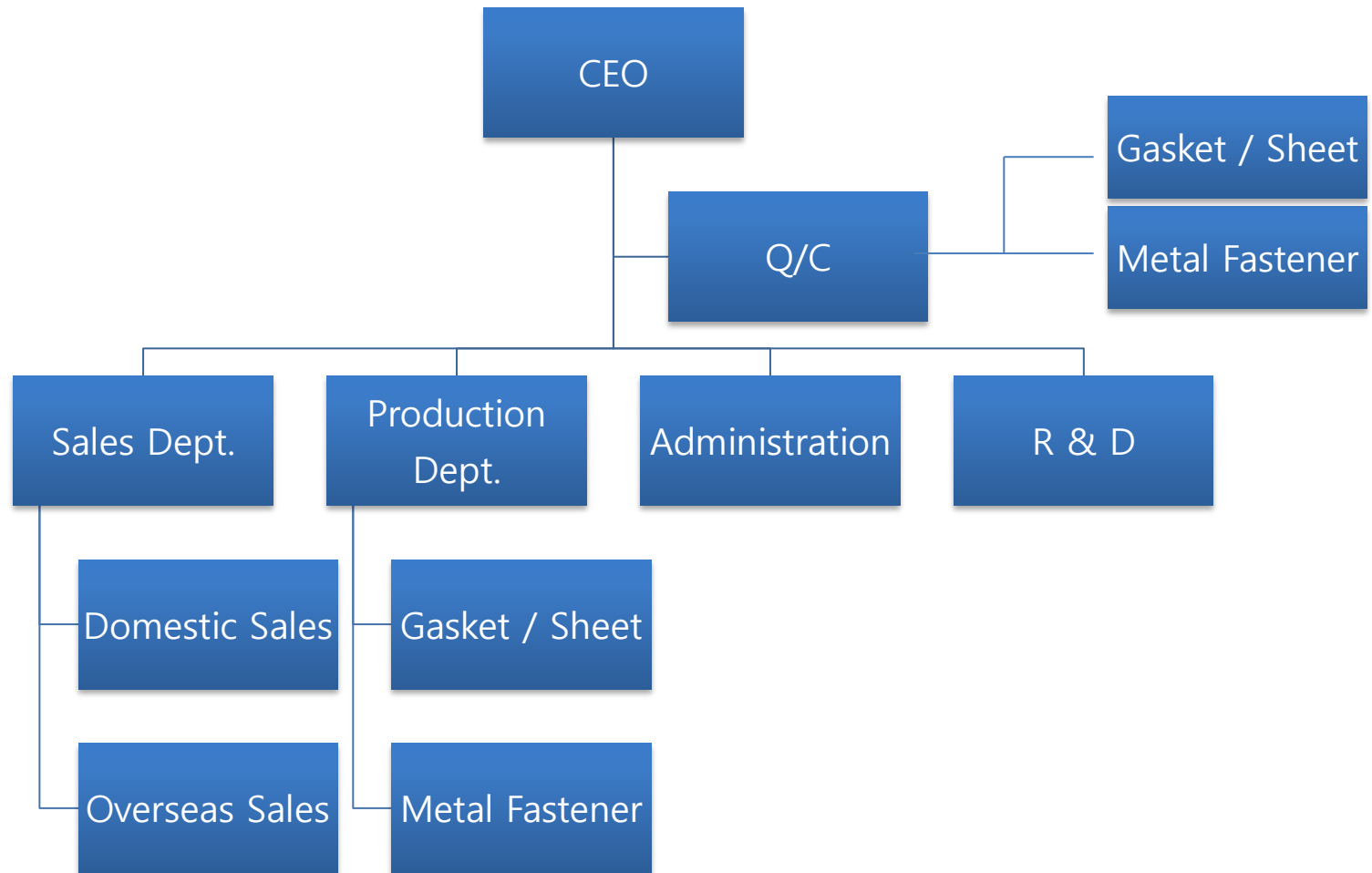
- 1. Company Profile**
- 2. Organization Chart**
- 3. History**
- 4. Products Specification**
 - Gasket & Compressed Non-asbestos Sheet
 - Metal Fastener
- 5. Certificates**
- 6. Supply Records**
- 7. View of R&D Lab.**

1. Company Profile

- Company Name: Taehwa E & P
- Annual revenue: US\$ 11 million
- Employees: 40
- Products: Gasket & Compressed Non-asbestos Sheet
Metal Fastener(Bolt & Nut)



2. Organization Chart

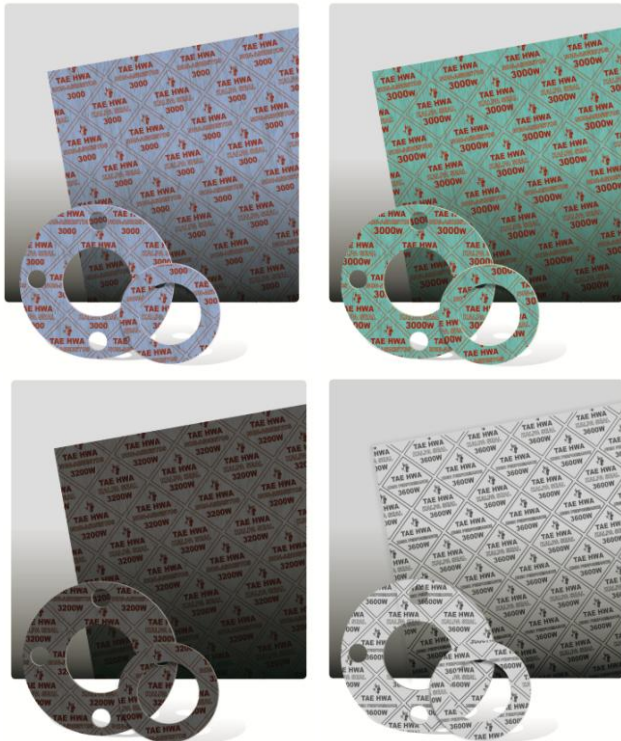


3. History

- Nov-2012, Registered for Peru Public Procurement Service
- May-2012, Registered in DSEC vendor list
- Oct-2011, Certified ISO 14001
- APR-2011, Registered in KOCOAL vendor list
- Mar-2011, Certified ISO 9001, ISO/TS 29001 & API 6A
- Jan-2011, Registered in POSCO Construction vendor list
- Jan-2011, Registered in Doosan E&C vendor list
- Sep-2010, Passed of product Certified ASTM A193/A194
- Aug-2010, Registered in LOTTE Construction vendor list
- Jun-2010, Certified TYPE APPROVAL by Russian Marine Register of Shipping
- Sep-2009, Registered in Doosan Heavy Industry vendor list
- Mar-2008, Certified TYPE APPROVAL by GL
- Nov-2007, Certified TYPE APPROVAL BY ABS
- Nov-2007, Registered in DAEHAN Shipbuilding vendor list
- Aug-2007, Certified TYPE APPROVAL BY Lloyd's
- Nov-2003, Registered in DSME vendor list
- Apr-2003, Registered in STX Shipbuilding vendor list
- Aug-2002, Registered in HYUNDAI MIPPO Dockyard vendor list
- May-2002, Registered in POSCO vendor list
- Nov-2001, Registered in SAMSUNG Heavy Industries vendor list
- Sep-2001, Registered in HANJIN Heavy Industries vendor list

4. Products Specification ①

- Gasket & Compressed Non-asbestos Sheet
 - Non-metallic Gasket & Non-asbestos Sheet



Compressed Non-asbestos Sheet & Gasket

Manufactured by hot calendar process using high quality non-asbestos fibers and oil resistant synthetic rubber, Specially, this sheet has oil superior sealibility with excellent oil resistance.

4. Products Specification ②

- Non-metallic Gasket & Non-asbestos Sheet



P.T.F.E. Gasket

P.T.F.E sheet is made into cut gasket. It can be used safely at high temperature and pressure steam, hot water, gas, organic solvents, acid due to its tolerance to chemicals.

Carbon, glass, or other filler materials can be used for special service area.



Rubber Sheet Gasket

Ozone and weather resistance are excellent. It's resistance to mineral oil, aromatic and aliphatic hydrocarbons and alcohol depending on the actual nitrile content of the elastomer.

4. Products Specification ③

- Non-metallic Gasket & Non-asbestos Sheet



Graphite Sheet Gasket

Expanded graphite gasket shows a good adherence to flange and performs a sealing ability even under low seating stress. There is in property change under temperature variation. It shows good corrosive resistance.

4. Products Specification ④

- Semi-metallic Gasket



Spiral Wound Gasket

Spiral-type gasket is an ideal type among the semi-metal gaskets. The V-shaped plate and non-metal fillers are overlapped, and they are wrapped into the spiral pattern and the two ridges are soldered together. As it is consisted of flexible metal and smooth filler, it has the following excellent gasket function:

- To be used for high pressure and high temperature
- Automatically adjusts to the changes of the pressure, temperature and vibration
- Has excellent sealing capability compare to the size
- Has excellent sealing capability on the irregular flange surface
- Any shape of size is available with reasonable price
- Hoop and filler materials can be selected according to the special operation conditions

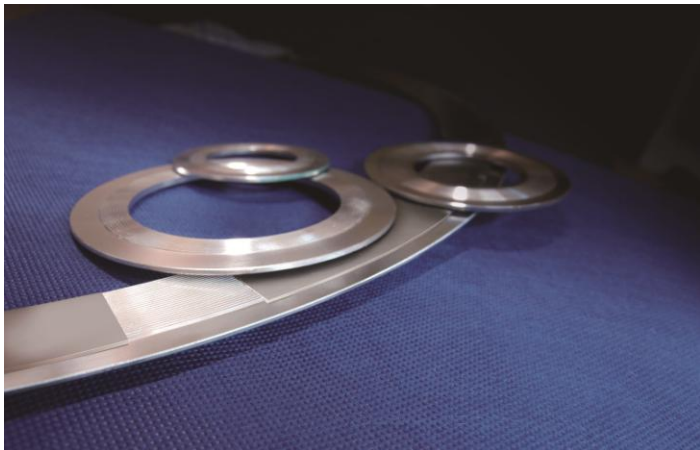
4. Products Specification ⑤

- Metallic Gasket



Ring Type Joint Gasket

Known as RTJ. It's suitable for high temperature and pressure environment pipe flange, pump, valve joint. Standards are manufactured to meet both API 6A and ASME B16.20 sizes and ratings.



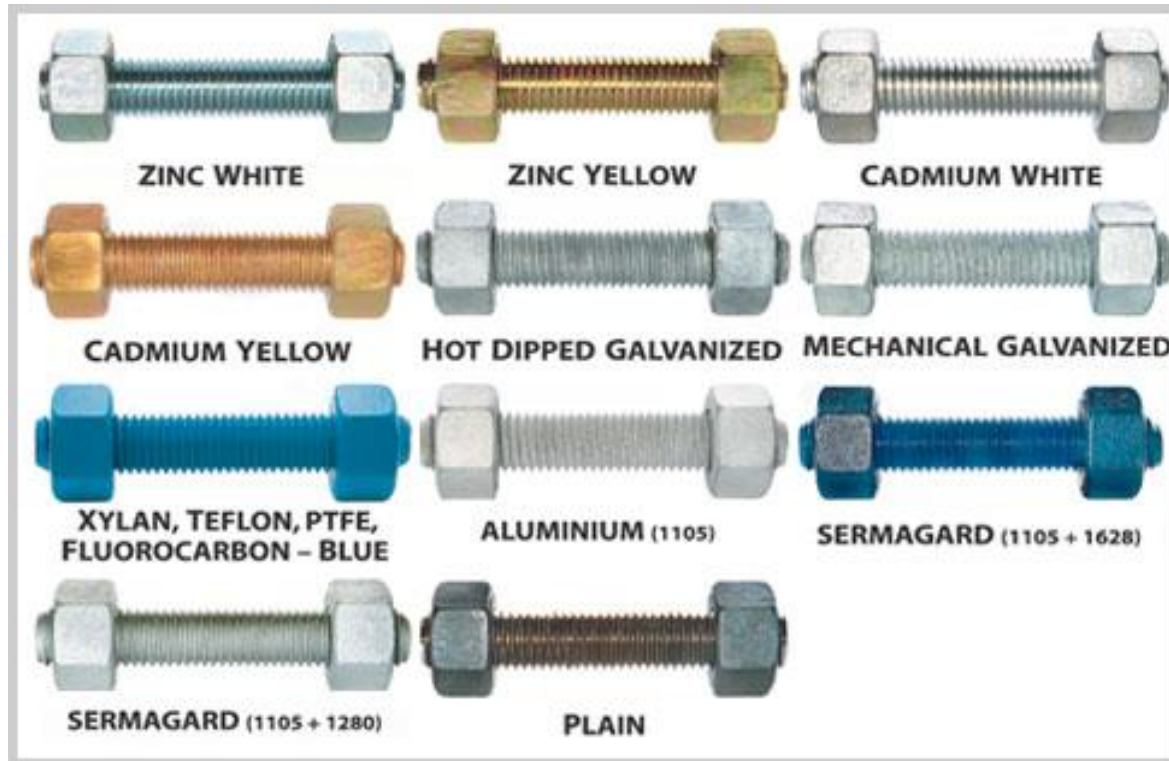
Kammprofile Gasket

It's serrated metal gasket and widely used on high pressure & high temperature plumbing flanges and is ideal for the pressure vessels, heat exchangers and valve bonnet. It has smaller contact area and has excellent sealing effect with lower torque than flat metal gasket.

4. Products Specification ⑥

- Metal Fastener

Stud bolt & nuts



5. Certificates ②

Certificate of Registration

This is to certify that:

YUJINCO METAL CO., LTD.

HEADQUARTER : 4096-1, DAEGU-DONG, GANGSEONG-GU, BUSAN, KOREA
 FACTORY(HEAD CENTER) : 4773-1A, SONGJONG-DONG, GANGSEONG-GU, BUSAN, KOREA

Has been assessed by International Certification Register Ltd., in respect of their Quality Management System and found to comply with:

ISO 9001:2008

Approval is hereby granted for registration providing the rules and conditions relating to certification are observed at all times.

Certification Scope
 Production of Bolt, Nut, Washer & Precision Parts for Marine Energy Plant, Nuclear, Wind Power, Marine Engine, Automobile Engine, Gas Turbine, Heat Exchanger, Defense Industry

Certificate Issue Date : 20th November 2012 Certificate No. : Q49512
 Expiration Date : 29th November 2015

The Seal of ICR Limited was here to affixed in the presence of:

President

Certificate of Registration

This is to certify that:

YUJINCO METAL CO., LTD.

HEADQUARTER : 4096-1, DAEGU-DONG, GANGSEONG-GU, BUSAN, KOREA
 FACTORY(HEAD CENTER) : 4773-1A, SONGJONG-DONG, GANGSEONG-GU, BUSAN, KOREA

Has been assessed by International Certification Register Ltd., in respect of their Environmental Management System and found to comply with:

ISO 14001:2004

Approval is hereby granted for registration providing the rules and conditions relating to certification are observed at all times.

Certification Scope
 Production of Bolt, Nut, Washer & Precision Parts for Marine Energy Plant, Nuclear, Wind Power, Marine Engine, Automobile Engine, Gas Turbine, Heat Exchanger, Defense Industry

Certificate Issue Date : 20th November 2012 Certificate No. : K27312
 Expiration Date : 29th November 2015

The Seal of ICR Limited was here to affixed in the presence of:

President

CERTIFICATE NO. 10-20165A

P.O. NO. KY Sub
 SUPPLIER NO. N/A
 PROJECT NO. MK001-000
 REGISTRATION KY Sub
 DATE 11/11/10
 ISSUE NO. 1 of 2

DESCRIPTION: Yujinco Metal Co. Ltd., 4096-1, Daegu 2-dong, Gangseong-gu, Busan 610-000 Korea

TESTING PERFORMANCE:
 Compliance Chemistry
 Hardness
 Room Temperature Round Tensile Test

CONFORMANCE SUMMARY
 The following tests meet the requirements for ASTM A1914-06, Grade B7 steel:

TEST RESULTS

ELEMENT	SPC. RANGE per ASTM A1914-06, Grade B7 %	RESULTS	METHOD
C	0.17 - 0.49	0.42	ASTM E100004
Mn	0.05 - 1.10	0.75	NXP
P	0.0075 max.	0.0060	NXP
S	0.0040 max.	0.0010	ASTM E100004
Si	0.15 - 0.35	0.21	NXP
Cr	0.72 - 1.29	1.06	NXP
Ni	0.12 - 0.24	0.12	NXP
Fe	Remainder	Remainder	NXP

Hardness (50 HRC max.): 53 HRC

11/1/2010 Date

Audited Signature on file

11/1/2010 Date

CERTIFICATE NO. 10-20167B

P.O. NO. KY Sub
 SUPPLIER NO. N/A
 PROJECT NO. MK001-000
 REGISTRATION KY Sub
 DATE 11/11/10
 ISSUE NO. 1 of 2

DESCRIPTION: Yujinco Metal Co. Ltd., 4096-1, Daegu 2-dong, Gangseong-gu, Busan 610-000 Korea

TESTING PERFORMANCE:
 Compliance Chemistry
 Hardness
 Room Temperature Round Tensile Test

CONFORMANCE SUMMARY
 The following tests meet the requirements for ASTM A1914-06, Grade B7N steel:

TEST RESULTS

ELEMENT	SPC. RANGE per ASTM A1914-06, Grade B7N %	RESULTS	METHOD
C	0.08 max.	0.08	ASTM E100004
Mn	2.49 max.	0.43	NXP
P	0.045 max.	0.016	NXP
S	0.0030 max.	0.0027	ASTM E100004
Si	1.00 max.	0.63	NXP
Cr	10.0 - 11.8	10.22	NXP
Ni	10.0 - 11.0	10.74	NXP
Mo	2.00 - 3.00	2.08	NXP
Fe	Remainder	Remainder	NXP

Hardness (50 HRC max.): 17 HRC

11/1/2010 Date

Audited Signature on file

11/1/2010 Date

CERTIFICATE NO. 10-20166A

P.O. NO. KY Sub
 SUPPLIER NO. N/A
 PROJECT NO. MK001-000
 REGISTRATION KY Sub
 DATE 11/11/10
 ISSUE NO. 1 of 1

DESCRIPTION: Yujinco Metal Co. Ltd., 4096-1, Daegu 2-dong, Gangseong-gu, Busan 610-000 Korea

TESTING PERFORMANCE:
 Compliance Chemistry
 Hardness
 Axial Proof Load Test

CONFORMANCE SUMMARY
 The following tests meet the requirements for ASTM A1914-06, Grade B7 steel:

TEST RESULTS

ELEMENT	SPC. RANGE per ASTM A1914-06, Grade B7 %	RESULTS	METHOD
C	0.17 max.	0.42	ASTM E100004
Mn	1.00 max.	0.68	NXP
P	0.0075 max.	0.0070	NXP
S	0.0040 max.	0.0027	ASTM E100004
Si	0.15 max.	0.20	NXP
Fe	Remainder	Remainder	NXP

Hardness (147 HB min.): 277 HBW / 10 500012

Axial Proof Load Test (18,200 lbs.): (For sample meets the axial proof load requirements of ASTM A1914, Grade B7)

11/1/2010 Date

Audited Signature on file

11/1/2010 Date

7. View of R&D Lab.

