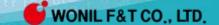
## **Company profile**

# The Best Technology WONIL F&T CO., LTD.

## Content

- 1. Company introduction
  - 1.1 CEO Greeting
  - 1.2 Overview
  - 1.3 History
  - 1.4 Organization
- 2. Manufacturing process
- 3. Manufacturing facilities and equipment
  - 3.1 Forging
  - 3.2 Heating
  - 3.3 Heat Treatment
  - 3.4 Machining
- 4. Mass(as forged) of largest forgings which can be made
- 5. Quality Assurance
  - 5.1 Quality Policy
  - 5.2 Certificate
  - 5.3 Testing equipment
- Service material
  - 6.1 Carbon steel
  - 6.2 Alloy steel
  - 6.3 Stainless steel
- 7. Raw material suppliers
- 8. Location



#### ☐ 1.1 CEO Greeting



#### WONIL F&T Co., Ltd.

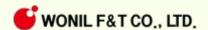
Which has been growing up as a world-wide forge manufacturer by continuous improving technology and investment, is producing forging products of Power Plant, Shipbuilding and Marine engine, Petrochemical, Oil & Gas, On/Off shore, Industries plant facilities and engineering systems and Aerospace compartments, since 2004.

We are advancing into the world-Europe, Asia, and the Middle East-with our high technology and reliance from the customers. We realize our ideal by quickly and accurately supplying the products to our customers.

We will continue do the our best to supply high quality products, to be a global company.

Best regards

C.E.O Sang Tae, Kim

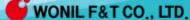


## 1.2 Overview

Company Name	WONIL F&T Co., Ltd.
C.E.O	Sang Tae, Kim
Establishment Date	Oct. 11 <sup>th</sup> . 2004
Head office & Factory	#468, Angok-ro, Hallim-myeon, Gimhae-si, Gyeongsangnam-do, Korea
Area	Site : 8,264m <sup>2</sup> Building : 3,169m <sup>2</sup>
Tel.	82-55-346-0680
Fax.	82-55-346-4832
E-mail	wonil0680@hanmail.net



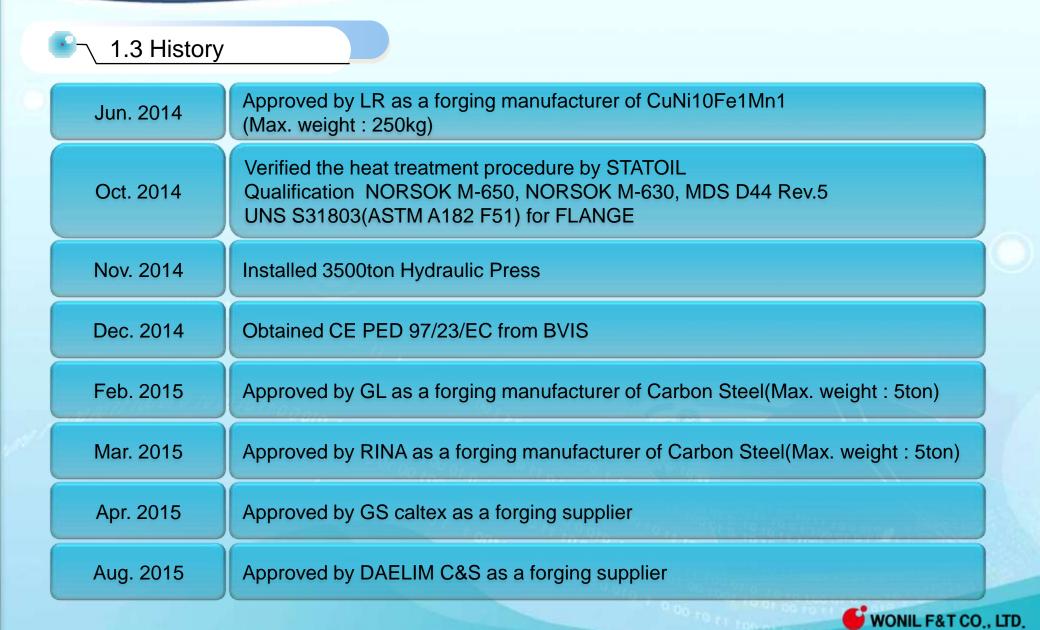




#### 1.3 History **Qualification NORSOK M-650** Jun. 2012 UNS S31803(ASTM A182 F51), UNS S32750(ASTM A182 F53) for Flange Approved by ABS and BV as a forging manufacturer of Carbon, Aug. 2012 Carbon-manganese, Alloy and Stainless Steels(Max. weight : 12ton) Approved by KR as a forging manufacturer of Carbon, Carbon-manganese, Aug. 2012 Alloy and Stainless Steels(Max. weight : 7ton) Dec. 2012 Installed 1.5ton Air Hammer & 10ton Heating Furnace(1unit) Qualification NORSOK M-650 Feb. 2013 UNS S31803(ASTM A182 F51) for Plate and Round Bar Approved by DNV as a forging manufacturer of Carbon, Carbon-manganese,

Mar. 2013Approved by DNV as a forging manufacturer of Carbon, Carbon-manganese,<br/>Alloy and Stainless Steels(Max. weight : 5ton)Mar. 2013Qualification NORSOK M-650<br/>UNS S31803(ASTM A182 F51) for FlangeJul. 2013Approved by LR as a forging manufacturer of Carbon, Carbon-manganese,<br/>Alloy and Stainless Steels(Max. weight : 5ton)





## I.3 History

Jul. 2015	Approved by TOTAL as a forging supplier for KAOMBO Project (TOTAL E&P ANGOLA BLOCK 32)
Mar. 2016	Approved by LR as a forging manufacturer of Duplex and Super Duplex Stainless Steel(Max. weight : 1,920kg)
Mar. 2016	Approved by EIL(ENGINEERS INDIA LIMITED)



#### 1.4 Organization C.E.O (S. T. Kim) Managing Director (S. T. Son) $\mathbf{v}$ Sales Dept. Q.A Dept. Management Dept. Purchasing Dept. **Production Dept.** (H. J. Kwun) (S. H. Park) (H. G. Kim) (W. S. Choi) (G. H. Im) Personal/ **Production Control Sales Control Quality Assurance General Affair** $\mathbf{v}$ $\mathbf{v}$ Accounting Forging **Delivery Control Quality Control** $\mathbf{v}$ $\mathbf{v}$ 54 **Total Employees** Management 7 Heat Treatment Laboratory Purchasing 2 $\mathbf{v}$ Production 32 Sales 8 Machining Q.A 5 WONIL F&T CO., LTD.

#### 2. Manufacturing process



#### $\sim$ 3.1 Forging facilities



Facility name	Capacity (W x H x L)mm	Q'ty (ea)	Manufacturer	Remark
Hydraulic Press	3,500ton (2,500 x 2,000)	1	HPM (USA)	
Hydraulic Press	2,500ton (2,500 x 2,000)	1	Dong Myoung (Korea)	
Ring Rolling Mill	Max. Outer Dia. : 2,500 Max. Thickness : 1,000	1	Kaltek (Korea)	
Air Hammer	1.5ton	1	VORONEJ (Russia)	

#### $\sim$ 3.2 Heating Furnace



Facility name	Capacity (W x H x L)mm	Q'ty (ea)	Manufacturer	Remark
Heating Furnace (Batch Type)	50ton (3,000 x 2,400 x 7,000)	1	Hyundae Special Furnace (Korea)	LNG
Heating Furnace (Batch Type)	30ton (3,000 x 2,000 x 3,000)	3	Hyundae Special Furnace (Korea)	LNG
Heating Furnace (Batch Type)	10ton (2,000 x 1,800 x 2,000)	1	Hyundae Special Furnace (Korea)	LNG
Heating Furnace (Batch Type)	10ton (2,000 x 1,700 x 3,000)	1	Hyundae Special Furnace (Korea)	Electric Power
			0 00 10 11 100 0	WONIL F&T CO., LTD.

#### 3.3 Heat Treatment

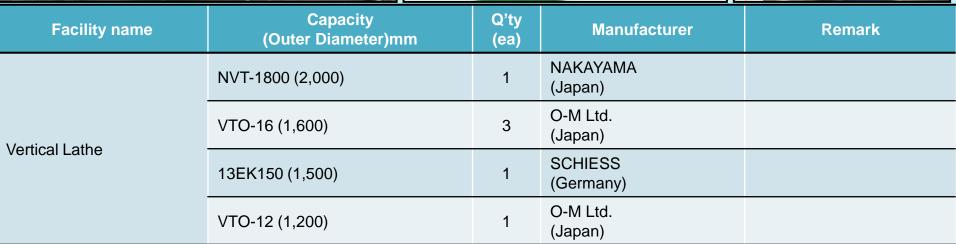
	REE
	LEUI
50 ton Heat Treatment Furnace	Quench Bath

Facility name	Capacity (W x H x L)mm	Q'ty (ea)	Manufacturer	Remark
Heat Treatment Furnace (Car-bottom Type)	50ton (3,000 x 2,400 x 7,000)	1	Hyundae Special Furnace (Korea)	LNG
Heat Treatment Furnace (Batch Type)	10ton (2,000 x 1,700 x 3,000)	1	Hyundae Special Furnace (Korea)	Electric Power
Quenching Bath	5,500 x 4,500 x 4,500	1	Ho Min Ind. (Korea)	water

√ 3.4 Machining









SCHIER

Max. Length : 400

Max. Outer Dia.: 3,000

#### √ 3.4 Machining

**Radial Drilling Machine** 

Facility name	Capacity (L x H)mm	Q'ty (ea)	Manufacturer	Remark
Milling Machine	YD1200 (2,700 x 1,100)	1	YONEDA(Japan)	
Milling Machine	STN-6UF (1,500 x 500)	1	STONIC CO., LTD.(Japan)	
Horizontal Lathe	Max. Outer Dia.: 1,000 Max. Length : 450	2	HANKOOK MACHINE TOOL CO., LTD.(Korea)	
(for Deep Hole)	Max. Outer Dia.: 1,200	1	HANKOOK MACHINE	

1

1

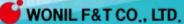
TOOL CO., LTD.(Korea)

SNK(Japan)

### 4. Mass(as forged) of largest forgings which can be made

Kind of Product	Size (mm)	Max. Mass (kg)	Remark
	Max. Outer Dia. : 2,500 Min. Inner Dia. : 250 Max. Thickness : 1,000	5,000	
	Max. Outer Dia. : 2,500 Min. Inner Dia. : 250 Max. Thickness : 2,000	10,000	
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	Max. Outer Dia. : 3,000 Min. Outer Dia. : 50 Max. Thickness : 2,000	10,000	
	Max. Outer Dia. : 3,000 Min. Outer Dia. : 50 Max. Thickness : 12,000	10,000	
	Max. Thickness : 2,000 Min. Thickness : 50 Max. Width : 3,000 Max. Length : 12,000	10,000	

\* For other products, please contact the sales department.



#### 5.1 Quality Policy

#### **Quality Policy**

- Establish and systematize quality management system to meet requirements of
- ▶ ISO 9001 2008
- PED(97/23/EC) Annex 1 Sec. 4.3

 Maintenance the best quality by continuous improvement and development of the system

The quality policy is to establish a quality management system that meets the ISO 9001:2008 and PED(97/23/EC) Annex1 sec.4.3 requirements and meets the customer's requirements and expectations.

Through continuous technology development and quality management activities is to maintain the highest quality that meets the customer's requirements.

All staffs and organization of WONIL F&T Co., Ltd. shall be understood, Implemented each responsibilities for achieve the quality policy.

C.E.O Sang-Tae, Kim ~14

#### HSE(Health, Safety, Environmental) Policy



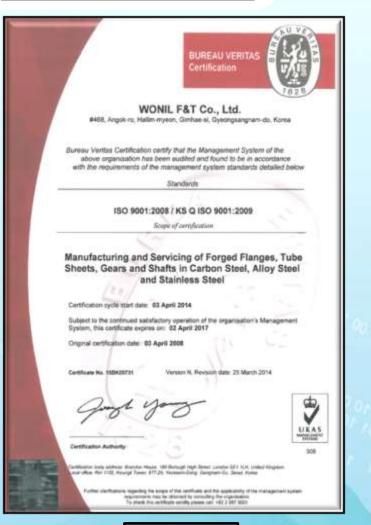
is committed to achieving operational excellence and delivering flawless customer service using an integrated risk-based approach to the management of Health, Safety, Environment, Quality and Security.

To fulfill our commitment, we will:

- Strive for zero harm to people and property by holding Health and Safety as our first priority
- Strive for zero oil spills and minimize the impact of our operations on the environment
- Safeguard personnel and property through risk based security measures
  Meet and exceed all regulatory requirements
- Enhance the competence of our people through training and career development
- Use performance measures to continuously improve our operations

C.E.O Sang-Tae, Kim Mu

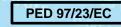
5.2 Certificate



ISO 9001:2008



Burnase Veritas 3.A. 17-71 Boulevard du Chamau, 82203 Neutity aur Seine, France



5.2 Certificate 승인협력사 인증서 1. 등록번호 : 자제-2016-2056 2. 협력사명 : (주)원일에프렌티 대표자명 : 김상태 소 꽤 지 : 경상남도 집해서 반담면 한국로468 사업자등록번호 : 615-81-64881 3. 승인품목 : Forging Product 4. 유효기간 : 2016. 7. 1 ~ 2018. 6.30 귀사는 상기 승인품목에 대해 GS칼텍스주식회사의 승인법리사임을 인중합니다. 2016년 7월 1일 GS 칼텍스주식회사 대표이사 부회장 허진수

ringe criste L Erighteens	trafia Bhaven, 1,1	Carry R. soni V Ehikuiji Cana Pia	den, vel Routh	110066	
	ent Develop			INTE.	
Tief. 4994/PDO/FIRE/W605		and the second se		18" March 2018	
Dear SPS,	levalidation of				
We refer to your application on subject mo been revailduted for that itsms as describe	atter and are pl of below:	mased to influen	t that your en	Estmant with EIL has	
Nam Description	-	P	rial / Range		
	Thisness	Gamerar	Material	Grade	
Non Standard Forgings/Tube Sheets	8°	80"	C5:55 A5	ASSA FTULIED FTT	
	Weight Lipla	00000-			
(This initiatment is valid for your facility in: Please note that this anischnent is subject mentioned terms when ordered for our war Further, it may be setted that any change Organisation structure ret: shall be int memory and refer. In the set	to satisfactory rous projects.	execution of o	iders in delw	ery and quality of above es Office. Managementi	
Please note that this enlistment is subject mentioned tems when ordered for our var Further, it may be reted that any change.	to satisfactory rous projects.	execution of o	iders in delw	ery and quality of above es Office. Managementi	
Please note that this antistment is subject mentioned items when ordered for our age Further, it may be relied that any change Organisation structure sit: shall be re- noccessary adon. In case, information to	to setisficatory rous projects in the product r imated to us is o any of the a	execution of o angle, totation mmediately air boxe referred i	iders in delw	ery and quality of above es Office. Managementi	
Please note that this anisothern is subject mentioned terms when ordered for our way Further, it may be selled that any change Organisation structure ret: shall be us indecessary action. In case, information t engoines may not reach you	To satisfactory rous projects in the product r imated to us a to any of the a ty rogular flow r 3, associated p clucking astreed	execution of or angle, totation mmediatory air bove referred i of angumes,	iders in dele in Works/Sai ing with neir Changes is in Changes is in	ery and quality of above es Office. Management went document for our at internated timely, our protect structs as par tree	2/
Please note that this anischent is subject mentioned terms when ordered for our wall Further, it may be setted that any dhange. Organisation structure etc. shall be us recessary action. In case, information t engatives may not reach you finitely may not reach you finitely may not reach you further with CR, shall not guarantee an in the event of direct indexect orders for E material (nearly increases tabled above) in	to satisfactory rous projects. In the product in marked to us in a any of the a ty regular flow in 3, associated p cluding agreed d.	execution of or impetition of or mmediately all boxe referred of enquines, projects, materi responsibility of	iders in dele in Works/Sai ing with neir Changes is in Changes is in	ery and quality of above es Office. Management went document for our at internated timely, our protect structs as par tree	2
Please note that this anisothern is subject mentioned terms when ordered for our wall Further, it may be setted that any change. Organisation structure risk, what he up recessary action. In case, information to indicate may not reach you Containent with CR, shall not guarantee an in the event of direct indepet orders for E material frage / works as statistic action and analytic frage / works as statistic to be cancelle	To satisfactory rous projects in the projects inacted to us a to any of the ar- ty regular flow ( 2, associated ) clusting agreed d. 11 <sup>4</sup> March, 201 in factory d.	execution of o ange, topetion mmediately all boxe referred i of angumes, majects, materi responsibility n 8.	iders in dolw if Works/Dai growth relic changes is n changes is n us will be su satis, if appl	ery and quality of above es Office, Management want document for our d internated timely, our opticod athody as per the cable, failing which your	2
Please note that this anischeant is subject mentioned terms when ordered for our way further, it may be series that any change organisation structure etc. shall be int recessary action. In case, information is enquines may not reach you Collationent with CB, what not guarantee an in the event of direct indirect orders for E material range / works as stated above in entational view. EL is shall not be cancelle The webby it this ERUITINENT is cept 3 You are advised to see the reactions.	To satisfactory rous projects in the projects inacted to us a to any of the ar- ty regular flow ( 2, associated ) clusting agreed d. 11 <sup>4</sup> March, 201 in factory d.	execution of o ange, topetion mmediately all boxe referred i of angumes, majects, materi responsibility n 8.	iders in dolw if Works/Dai growth relic changes is n changes is n us will be su satis, if appl	ery and quality of above es Office, Management want document for our d internated timely, our opticod athody as per the cable, failing which your	2
Please note that this anischent is subject mentioned terms when ordered for our val- further, it may be setted that any dhange, Organisation structure site, information to enquinies may not reach you. Entialment with CB, shall not guarantee an in the event of direct indexect orders for E material reacher when the stated above in material reacher when the tanget of the validity of this ENUITIMENT is upport You any advised to specification on the setue of procedures for revailables on the setue of	To satisfactory rous projects in the projects inacted to us a to any of the ar- ty regular flow ( 2, associated ) clusting agreed d. 11 <sup>4</sup> March, 201 in factory d.	execution of o ange, topetion mmediately all boxe referred i of angumes, majects, materi responsibility n 8.	iders in dolw if Works/Dai growth relic changes is n changes is n us will be su satis, if appl	ery and quality of above es Office, Management want document for our d internated timely, our opticod athody as per the cable, failing which your	2
Please note that this anischent is subject mentioned terms when ordered for our val Further, it may be setted that any dhange. Organisation structure etc. shall be us recessary action. In case, information to enquines may not reach you Entiatment with ER, shall not guarantee an in the event of direct inderect orders for E material regel vachas as stated above in entiatment with ER, is table to be canceled The validity of this ERCUTIVENT is uppo You any advised to specify for invalidate procedures for revalidation can be seen of Thereing you,	To satisfactory rous projects in the projects inacted to us a to any of the ar- ty regular flow ( 2, associated ) clusting agreed d. 11 <sup>4</sup> March, 201 in factory d.	execution of o ange, topetion mmediately all boxe referred i of angumes, majects, materi responsibility n 8.	iders in dolw if Works/Dai gray with relia changes is n changes is n us will be su satis, if appl	ery and quality of above es Office, Management want document for our d internated timely, our opticod athody as per the cable, failing which your	2

EIL

WONIL F&T CO., LTD.

GS Caltex



5.2 Certificate



Realities fraction (1996) Register 4 Aussilies Haussen Register 4 Aussilies Haussen Register 4 Aussilies Haussen Register 5 Aussilies Haussen Register	- (Nex 6	Andrew An		Qualification Siles, Joseff Co Monitor in and Monitor in Angel	e in die Namme Rijser ren Rijferr A. Regi	8 5	**
Anti- New Jones - A Sectore in Pro- tion of the sector of		Reference Reference Andrewer A		Apriligiais, Sp WORDCH IN 2022	Antiner 4. Kept	-	
An and a second		Andrews of the second s		Statut die Strigers			
Antina - volk Billinne Ten al Prin als the a hold huge 1544 shi et al (2015) denne conditions by Bool 1421 ( antificial histoheans and aveign antificial histoheans and aveign ten al (2015) (	a.w	Anna anna an Anna anna an Anna anna an		Anne die beging Richt start des. A			
defense versellitieren by Wassi 140 1 artifiaat 1553 benase and wering mense defense and wering team benase and wering team benase and team Annegelenken eigensterene mense by Annegelenken eigensterene annegelenken eigensterene de team benase and de team Annegelenken eigensterene mense by Annegelenken eigensterene mense by Annegelenken eigensterene de team benase and de team Annegelenken eigensterene de team benase and de team benase annegelenken eigensterene de team benase and de team benase de team benase and de team benase and de team benase de team benase and de team benase and de team benase de team benase and de team benase and de team benase and de team benase de team benase and de team benase	ANC			Arritrin: 244-00			
defense versellitieren by Wassi 140 1 artifiaat 1553 benase and wering mense defense and wering team benase and wering team benase and team Annegelenken eigensterene mense by Annegelenken eigensterene annegelenken eigensterene de team benase and de team Annegelenken eigensterene mense by Annegelenken eigensterene mense by Annegelenken eigensterene de team benase and de team Annegelenken eigensterene de team benase and de team benase annegelenken eigensterene de team benase and de team benase de team benase and de team benase and de team benase de team benase and de team benase and de team benase de team benase and de team benase and de team benase and de team benase de team benase and de team benase	0.71						
Ariffed Unickness and weight weight Southard Southards (Arity Constraints) (Arity Constraints) Arity Constraints Arity Constraints (Arity Constraints) (Arity Constraints)		Bradacher w Banacherher grittradeut	-	Type: dipd Sorg			
Notest Construit (Joseph (Marcol)      Bootest Construit (Joseph (Marcol)      Provide State (Marcol)      Provide (Marcol)      Provide (M		Panderson re-dimen-	-	All monthly and			146
Access (Molecular Maria Access) (Maria (M) (M) (M) AccessibleAcce adgebattures (M)			finited a	and qualified		ind weight	0
Acceptance algheteres	Specifical unique 1741	Pater		14440.)	disatified ministers (mm)	Tast press 1841	Suntaine Ingle
The is and the set	44	Garristan Witter Hange	00-00		100	798	40
W. D. 188			queen.	stine 7 Acces		teres .	
A set of vehicuted and have being the large of the set	n s.imm		Ca148 anderse ante ante the effect the effect the effect the first the fi	And Southern in costal 5 No. 4440 No. 4440	72.5.00	the basers of	8, 1, 1100
Column Column	Page Lot's	101004.000	deld.				Page (u)

Cathon Tabl Nacord Constanting (OTH) NONEXK MARK	WONIL	(QTH) (QTH) NOREOL & AN	AB 000 000
1 - 199 - Marine Marine & Tanagard and Associated	Michigan With Library Michigan	NAME AND ADDRESS OF TAXABLE PARTY.	
n Inter A Basemen (F) The Last Sector, S Ber and Sector,	Tableting designs Report to Separate	A MARTIN AT ANY CARACTER AND AND ANY	
ad two	Substances In Am	Brown of the later in the later	
An and the set of	Titlen and the	Andrew Service Strength of April Res.  Annual Science Strength of April Science Strength	100 0 10 10 10000
Official and a stand official state (in , if )  official states are associated as the state of (in , if )  official states are associated as the state of (in , if )  official states are associated as the state of (in , if )  official states are associated as the state of (in , if )  official states are associated as the state of (in , if )		Contract of the State of the St	errige Brees, Spins age 1000, Profes Arrow Barry & Brees States Margan Radio States
ing the second and weight		of and matthed the base and	and and
		a 100 1000 101 100	Name and
N	- 101		
m / Assaptance elgnatures		setfication / Acceptance signal	uree .
	Anna Anna C	The second secon	the lot to entropy of the
and the states and		-141-	the for
	-		~~
	W	ONIL F&T	CO., LT

#### 5.3 Testing equipment



Equipment name	Capacity	Q'ty (ea)	Manufacturer	Remark
Chemical analysis (PMI)	32channel	1	SPECTRO (Germany)	
Universal testing machine	500kN	1	ASAN (Korea)	
Charpy impact tester	500J	1	ASAN (Korea)	
Brinell hardness tester	3,000kg.f	1	SAMIL Precision Co. (Korea)	

#### √ 5.3 Testing equipment

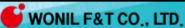


Equipment name	Capacity	Q'ty (ea)	Manufacturer	Remark
Ultrasonic tester	USM Go	1	GE (Germany)	
Magnetic particle tester	YOKE type	1	KANGSUNG IND. CO., LTD. (Korea)	
Liquid penetrant tester	Cleaner/Remover, Penetrant, Developer		KYUNGDO ENTERPRISE CO., LTD (Korea)	
Portable hardness tester	Equotip 3	2	Proceq (Switzerland)	

#### 6. Service material

 $\sim$  6.1 Carbon steel

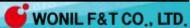
ASTM	JIS	ASTM	JIS	ASTM	JIS
	S15C	A668 CL.F	SF590B	A765 Gr.4	   
	S20C		SF640B		SM490A
	S25C	A181 CL.60	SFVC 1		SM490B
	S30C	A181 CL.70	SFVC 2A		SFT590
	S35C	A266 Gr.1	SFVC 1		SSWR1/R2/R3
	S40C	A266 Gr.2	SFVC 2A		
	S45C	A266 Gr.3			• • •
	S50C	A266 Gr.4	SFVC 2B	EN	
	S55C	A350 LF1	SFL 1	S355NL	
A668 CL.B	SF390A	A350 LF2	SFL 2	S355 J2 G3	   
A668 CL.C	SF440A	A694 F42			
A105	SF490A	A694 F50			
A668 CL.D	SF540A	A694 F52			
	SF540B	A694 F55			
A668 CL.E	SF590A	A765 GR.1			



#### 6. Service material

6.2 Alloy steel

ASTM	JIS	ASTM	JIS	ASTM	JIS
A182 / A336 F1	SFVA F1	A541 GR.22	1		SNCM420
A182 / A336 F6	SFVA F5A/B	A541 GR.22V			SNCM439
A182 / A336 F9	SFVA F9	A765 GR.3			SNCM815
A182 / A336 F11	SFVA F11A/B		SCM415	A291 CL.3A	SFNCM740 S/R/D
A182 / A 336 F12	SFVA F12A/B		SCM420		SFNCM780 S/R/D
A182 / A336 F22	SFVA F22A/B		SCM430	A291 CL.4	SFNCM830 S/R/D
A182 / A336 F91			SCM440	A291 CL.6	SFNCM880 S/R/D
A350 LF3	SFL 3		SCM445		SFNCM930 S/R/D
A508 GR.1			SFCM740 S/R/D	A291 CL.1	SFNCM980 S/R/D
A508 GR.2	SFVQ 2A		SFCM780 S/R/D		SFNCM1030 S/R/D
A508 GR.3	SFVQ 1A		SFCM830 S/R/D		SFNCM1080 S/R/D
A508 GR.4N	SFVQ 3		SFCM880 S/R/D	etc.	
A541 GR.1 & 1A	SFVQ 2B		SFCM930 S/R/D	EN 42CrMO4	
A541 GR.7B	SFVQ 3		SFCM980 S/R/D	AISI 4130	
A541 GR.11			SNCM220	AISI 4340	



#### 6. Service material

6.3 Stainless steel

ASTM	JIS	ASTM	JIS	ASTM	JIS
A182 F6a	SUS F410	A182 F51	   	B564 UNS N06625	
A182 / A965 F304	SUS F304	A182 F53		UNS N07718	
A182 / A965 F304L	SUS F304L	A182 F55		B564 UNS N08810	
A182 / A965 F304H	SUS F304H	A182 F60		B564 UNS N08825	
A182 / A965 F310	SUS F310			B564 UNS N04400	
A182 / A965 F316	SUS F316			Non-Ferrous steel	
A182 / A965 F316L	SUS F316L			5052	A5052 FD/FH
A182 / A965 F316H	SUS F316H			5083	A5083 FD/FH
A182 / A965 F317	SUS F317			6061	A6061 FD/FH
A182 / A965 F317L	SUS F317L		   	7075	A7075 FD/FH
A182 / A965 F321	SUS F321			B265 GR.1	
A182 / A965 F347	SUS F347			B265 GR.2	
A182 F44				B265 GR.2H	
A182 F904L				B265 GR.3	
	SUS 304N2			B265 GR.4	



#### 7. Raw material suppliers

Manufacturer	Commodity	Steel Grade	Remark
Hyundai Steel Company	Ingot Slab	Carbon steel Carbon-Manganese steel Alloy steel	Korea
JFE	Bloom	Carbon steel Carbon-Manganese steel Alloy steel	Japan
KISCO	Ingot Round bar	Carbon steel Carbon-Manganese steel Alloy steel	Korea
КОТОВИКІ	Bloom	Carbon steel Carbon-Manganese steel Alloy steel	Japan
OUTOKUMPU Stainless Ltd.	Slab	Stainless steel Duplex stainless steel Super duplex stainless steel	United Kingdom
POSCO	Slab	Carbon steel Carbon-Manganese steel Alloy steel	Korea
SeAH CSS	Ingot Round bar	Carbon steel Carbon-Manganese steel Alloy steel Stainless steel	Korea
SeAH Besteel	Bloom	Carbon steel Carbon-Manganese steel Alloy steel	Korea

WONIL F&T CO., LTD.

