



KOS LIMITED

(SEONGNAM- DONG) 4, GEONJI- RO 109BEON- GIL, SEO- GU, INCHEON, KOREA

TEL : (032) 583- 7402 FAX : (032) 583- 7403

Inspection Certificate

DATE OF ISSUE: 2022-03-10

DESCRIPTION	STAINLESS STEEL WIRE FOR COLD HEADING (WSB)		
MILL CERT.NO.	AA2-202203S-0088	GRADE	STS 316L
P.O NO.		DIAMETER	1.200 mm
INVOICE NO.	A223074-01	FINISH	BR X-CO (COIL)
CONTRACTOR	KOREA INDUSTRY STAIN	QUANTITY	302.3 KGS (6 COILS)
CUSTOMER	KOREA INDUSTRY STAIN	APP. SPEC	


CHEMICAL COMPOSITION

(wt %)

COMPONENT CH.NO.	C		Si		Mn		P		S		Ni		Cr		Mo	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
KNIX00214	0.0000	0.0300	0.0000	1.0000	0.0000	2.0000	0.0000	0.0450	0.0000	0.0300	12.0000	15.0000	16.0000	18.0000	2.0000	3.0000

INSPECTION RESULTS

ITEMS PRODUCTS NO.	SIZE	T/S	R/A	Weight			LOT NO	REMARK
	(mm)	(N/mm ²)	(%)	()	()	(kgs)		
	+0.000	760.0	MIN:65.0					
	-0.020	580.0						
A21A08701-0001	1.193	735.2	78.8			50.70	1T0101-11201-0001	KNIX00214
A21A08701-0002	1.193	735.2	78.8			54.80	1T0101-11201-0002	
A21A08701-0003	1.194	732.7	78.7			44.70	1T0101-11202-0003	
A21A08701-0004	1.194	734.5	78.8			52.90	1T0101-11202-0004	
A21A08701-0005	1.194	735.4	78.8			46.60	1T0101-11202-0005	
A21A08701-0006	1.194	736.6	78.8			52.60	1T0101-11202-0006	

REMARKS	<p>We hereby certify that the material described herein has been made in accordance with the specification of the order.</p> <p>Prior consultation with KOS Quality Control is necessary if used for aerospace, nuclear or medical applications.</p>	 JONG PO . KANG
		MANAGER OF Q.C Dept.

END



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DATE OF ISSUE: 2022-03-10

DESCRIPTION	STAINLESS STEEL WIRE FOR COLD HEADING (WSB)		
MILL CERT.NO.	AA2-202203S-0089	GRADE	STS 316L
P.O NO.		DIAMETER	1.600 mm
INVOICE NO.	A223074-02	FINISH	BR X-CO (COIL)
CONTRACTOR	KOREA INDUSTRY STAIN	QUANTITY	285.0 KGS (6 COILS)
CUSTOMER	KOREA INDUSTRY STAIN	APP. SPEC	


CHEMICAL COMPOSITION

(wt %)

COMPONENT CH.NO.		C	Si	Mn	P	S	Ni	Cr	Mo			
	Min	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	12.0000	16.0000	2.0000		
Max	0.0300	1.0000	2.0000	0.0450	0.0300	15.0000	18.0000	3.0000				
KSDX07158		0.0130	0.2700	0.8500	0.0310	0.0010	12.1400	16.6200	2.0400			

INSPECTION RESULTS

ITEMS PRODUCTS NO.	SIZE	T/S	R/A			Weight	LOT NO	REMARK
	(mm)	(N/mm ²)	(%)	()	()	(kgs)		
	+0.000	760.0	MIN:65.0					
	-0.020	580.0						
A22112703-0005	1.596	684.1	79.2			51.00	1T0101-20203-0005	KSDX07158
A22112703-0006	1.596	691.8	79.2			50.00	1T0101-20203-0006	
A22112703-0007	1.597	695.0	79.0			42.00	1T0101-20203-0007	
A22112703-0008	1.597	701.4	79.0			45.00	1T0101-20203-0008	
A22112703-0010	1.597	691.1	79.1			47.00	1T0101-20203-0010	
A22112703-0011	1.597	689.7	79.1			50.00	1T0101-20203-0011	

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		MANAGER OF Q.C Dept.

END

客户CUSTOMER	superstarpiercing (天钻饰品)		钢种名STEELGRADE	SUS316L			产品名称COMMODITY	奥氏体不锈钢		订单编号ORDERITEM NO	129-21008			
规格SIZE(mm)	0.81	形态CONDITION	圈线	公差范围SIZE TOLERANCE	+0.02	重量WEIGHT	112KG		证明书日期T/C ISSUE DATE	2021/8/30				
Heat No	化学成分Chemical Composition(wt.%)										机械性能Mechanical Properties			
		C	Si	Mn	P	S	Ni	Cr	Mo	N				
Standard	Min						12.000	16.000	2.000		抗拉T.S (N/mm ²)	屈服Y.S (N/mm ²)	延伸EL (%)	硬度Hardness HV
Cast	Max	0.030	1.000	2.000	0.045	0.030	14.000	18.000	3.000	0.100				
实际成分 The actual composition		0.020	0.470	0.840	0.021	0.003	12.070	17.460	2.030	0.03				320-350 1/2H
注释Notes	T.S=Tensile Test													
	Y.S=Yield Strength													
	E.L=Percentage Elongation After Fracture 外观和尺寸检验均合格VISUAL INSPECTION AND DIMENSION CH													
	兹证明本文所列产品，均依材料标准制造及试验，并符合标准及订单技术要求										质量负责人			
WE HEREBY CERYIFY THAT MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED										CHIEF OF INSPECTOR				
AND TESTED WITH RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE MATERIAL										Yang Neng Gen				
SPECIFICATION&P.0														



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DATE OF ISSUE: 2021-02-03

DESCRIPTION	STAINLESS STEEL WIRE FOR COLD HEADING (WSB)		
MILL CERT.NO.	AA2-202102S-0073	GRADE	STS 316L
P.O NO.		DIAMETER	3.600 mm
INVOICE NO.	A212039-01	FINISH	BR X-CO (CARRIER)
CONTRACTOR		QUANTITY	1,559.0 KGS (4 CARRIERS)
CUSTOMER		APP. SPEC	


CHEMICAL COMPOSITION

(wt %)

COMPONENT CH.NO.	C	Si	Mn	P	S	Ni	Cr	Mo			
KALX00197	0.0070	0.2300	0.8600	0.0300	0.0010	12.2100	16.8500	2.0800			

INSPECTION RESULTS

ITEMS PRODUCTS NO.	SIZE	T/S	R/A					LOT NO	REMARK
	(mm)	(N/mm ²)	(%)	()	()	()			
	+0.000	750.0							
	-0.025	600.0							
A20B18902-0001	3.582	675.1	74.7					1A1005-01207-0001	KALX00197
A20B18902-0004	3.580	661.4	74.5					1A1005-01210-0004	

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END