

BV 201149004  
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# 信盛 (姜堰) 五金锻造有限公司

250286



## SHINSEI (JIANGYAN) STEEL FLANGES CO., LTD.

江苏省姜堰市经济开发区天目路688号 (邮编: 225500)

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SSWJ/QD8.2.4A-04

ACCORDING TO EN10204-3.1/2004

### MILL TEST & INSPECTION CERTIFICATE

CUSTOMER: VAN LEEUWEN STAINLESS B.V.

INVOICE NO: SS11030023

DATE: 2011-08-12

CERT NO: 11080051

ORDER NO: 103140

L/C NO: NLNLINL11M103994

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ITEM	RAW MATERIAL HEAT NO.	SHINSEI HT. CD.	DESCRIPTION	QUANTITY	SPECIFICATION: ASTM/ASME/SA182F316/F316L 08a
0230	YT10340	T456	FLANGE BLRF 2" 600Lb	8 PCS	DIMENSION: ASME/ANSI B16.5-2009  SURFACE: BY VISUAL... GOOD
0230	YT11135	T464	FLANGE BLRF 2" 600Lb	22 PCS	
0240	YT10760	T454	FLANGE BLRF 3" 600Lb	5 PCS	
0250	YT11160	T478	FLANGE LJ 6" 150Lb	60 PCS	
0270	10A1210-1742	T408	FLANGE LJ 1" 300Lb	50 PCS	
0290	YT10340	T456	FLANGE WNR 40S 1/2" 150Lb	50 PCS	
0300	YT11141	T474	FLANGE WNR 10S 12" 150Lb	5 PCS	

#### CHEMICAL COMPOSITION (%)

ITEM	C	Si	Mn	P	S	Cu	Cr	Ni	Mo	V	Cb(Nb)	N
Min	-	-	-	-	-	-	16.000	10.000	2.000	-	-	-
Max	0.030	1.000	2.000	0.045	0.030	-	18.000	15.000	3.000	-	-	0.100
0230	0.025	0.390	1.020	0.038	0.015	-	16.620	10.100	2.070	-	-	0.069
0230	0.019	0.420	1.150	0.039	0.003	-	16.560	10.070	2.070	-	-	0.074
0240	0.019	0.390	1.120	0.040	0.015	-	16.740	10.060	2.070	-	-	0.071
0250	0.019	0.450	1.120	0.039	0.003	-	16.700	10.090	2.070	-	-	0.061
0270	0.022	0.390	0.830	0.038	0.022	-	16.560	10.060	2.020	-	-	0.061
0290	0.025	0.390	1.020	0.038	0.015	-	16.620	10.100	2.070	-	-	0.069
0300	0.023	0.490	1.090	0.039	0.004	-	16.630	10.060	2.060	-	-	0.067

#### MECHANICAL TEST

ITEM	Tensile Strength (KSI)	Yield Strength (KSI)	Elongation (%)	R of A (%)	Hardness (HB)
	Min	75.0	30.0	30.0	60.0
Max	-	-	-	-	235.0
0230	87.6	44.8	54.8	74.8	156.0
0230	81.6	39.5	61.4	78.4	162.0
0240	83.8	41.4	59.6	70.1	164.0
0250	84.6	42.4	63.0	72.9	165.0
0270	81.7	40.7	64.6	76.6	162.0
0290	87.6	44.8	54.8	74.8	156.0
0300	84.4	44.0	62.0	78.1	154.0

Remark:  
SOLUTION TREATED: 1050°C (1/-20°C), W.Q  
MATERIAL IN ACC. WITH NACE MR0175-2003 (HARDNESS ONLY)  
ISO9001:2008  
FREE FROM RADIOACTIVE CONTAMINATION  
MERCURY FREE

WE CERTIFY THE ABOVE MENTIONED FLANGES HAVE BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH THE SPECIFICATIONS SHOWN

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Q.C. MANAGER

INSPECTOR

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