

Inspection Certificate (EN10204 3.1)


Stock 4725044 07/26/2019
**SSFLANGE 3IN 150# 304 SS BLIND
 FLANGE IMPORT**



CUSTOMER : Southwest S&A
 PO. NO. : 642812
 MPS. NO. : N/A
 PROJECT NAME : N/A

SPECIFICATION : ASTM A182 F304/F304L-17
 ASME SA182 F304/F304L-2017ED

Felix Metal Tech Co., Ltd.
 Bac Hamlet, Luu Kiem Commune, Thuy Nguyen
 Dist, Hai Phong, Vietnam
 TEL : + 84 31 3692 194 (REP.)
 CERTIFICATE NO. : FV190405-011
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 DATE : 2019-04-05

Description	Lot No.	Tension Test *1							Hardness Test	Impact Test									
		*2	Size of Specimen		Y.S.	T.S.	E.L.	R.A.		Temp. : °C	Notch : mmV								
			D	G.L.															
			mm	mm															
3 #150 BL RF 3"	70	Spec. Min. Max. C2HM24	T	12.5	50	301.9	580.4	58.2	73.6	159, 159									
----- << B L A N K >> -----																			
TOTAL		70																	
Heat Treatment *4		Chemical Composition(%) *3																	
S : 1050°C x 2.0 hrs, WC		Heat No.	Spec. Min. Max.	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V	Nb	Al	N			
		FF-6022	H	0.025	0.45	1.73	0.039	0.009	8.05	18.32						0.10			
Remark - NACE MR0175/ISO15156-3 - 2015 : HRC22 Max(=HB237) - NACE MR0103/ISO17945 - 2015 - Country of Melting: INDIA/ E.I.F +A.O.D - No weld repair was performed. - All material supplied is certified to be free of Mercury contamination and no mercury bearing equipment was used during manufacturing.		Dimension & Visual					UT			MT			PT						
		Accepted (ASME B16.5-2013)					N/A			N/A			N/A						
Abbreviation *1. Tension Test : Y.S. = Yield Strength, T.S. = Tensile Strength, E.L. = Elongation, R.A. = Reduction of Area, G.L. = Gauge Length(mm), D. = Diameter(Ø) *2. Location : L = Longitudinal, Tr = Transverse, T = Tangential, R = Radial *3. Chemical Composition : H = Heat Analysis, P = Product Analysis *4. Heat Treatment : N = Normalized, A = Annealed, Q = Quenched, T = Tempered, S = Solution Treated, S.R. = Stress Relieved, A.C. = Air Cooled, W.C. = Water Cooled, F = Furnace Cooled *5. CE : C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15																			
We hereby certify that the material herein has been tested, inspected and satisfied in accordance with the above specification.										 M. T. Bui Manager / Q.M. Team									
Surveyor _____																			