

Cust#: HARSPPR Company#: HARRY COOPER SUPPLY
 MTR#: FEFL/FEFL00014-7.pdf PO#: P1343888-80# LGKBA8
 Item: FJ4LB030 Bundle: C2DM24 Heatno: C2DM24

Inspection Certificate (EN10204 3.1)



CUSTOMER : TACHEN INTERNATIONAL, INC
PO. NO. : L71858
MPS. NO. : N/A
PROJECT NAME : N/A

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

Felix Metal Tech Co., Ltd.
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CERTIFICATE NO. : FV180620-007
PAGE : 1 OF 1
DATE : 2018-06-20

Description	Lot No.	Spec. Min. Max.	Tension Test *1						Hardness Test	Impact Test					
			Size of Specimen		Y.S.	T.S.	E.L.	R.A.		Temp. : °C	Notch : mmV				
			D	G.L.											
			mm	mm	MPa		%	%		HBW	Min.	Avg.			
11 #150 BL RF 3"	C2DM24	T	12.5	50	303.9	580.3	60.4	73.6							
F14LB030			<< B L A N K >>												
TOTAL	105														
Heat Treatment *4 S : 1050°C x 2.0 hrs, WC	Heat No.	Spec. Min. Max.	Chemical Composition (%) *3												
			C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V	Nb	Al	N
			0.03	1.00	2.00	0.045	0.030	8.00	18.00						
Remark - Country of Melting: INDIA/ E.A.F +V.O.D - Country of forging: VIET NAM	H10275	H	0.015	0.45	1.86	0.037	0.028	8.26	18.30						0.00
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 *5. CE : C+Mn/5+(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.															
Surveyor															

FTV-F-QM-027 / Inspection certificate (en10204 3.1) rev.0 / 2014-12-26

QM 1/1

Stock 4725044 09/20/20
 SSFLANGE 3IN 150# 304 SS BLIND
 FLANGE IMPORT