

CERTIFIED MATERIAL TEST REPORT

Trinity Fitting Group Inc

250-Bendish Hackney * Ladish * Rely-Bendadi
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BPCS

Order Number: 0000002 (283403-004) DOC #00167610 05/01/12 Date: 01/11/12

Sold to: PLESA ANAHUAC Y CIAS S. A. DE Ship to: PLESA ANAHUAC Y CIAS 001
 VALLE DE LAS ALAMEDAS NO 66-0 C/O SPECIALIST IN TRANSIT FWR
 SAN FRANCISCO CHILPAN 1801 MARKLEY - MODERN IND PARK
 LAREDO TULTITLAN EOO DE MEX 54940 LAREDO TX 78041

Heat Code	Quantity	Description / Specifications	Specification	Heat Code	Quantity
EK04IFS1	3	24 X 16 STD CON	A/SA 234 - 03	EK04IFS1	3
EJ04WSS	50	A106-B 09/S82029	STRESS RELIEVED NURMA	EJ04WSS	50
EL04XDS	50	8 STD CAP	A/SA 234 - 03	EL04XDS	50
		A516-70 154/A4U2046	STRESS RELIEVED		
		154/4106446	STRESS RELIEVED		
EH04WNS	25	12 STD CAP	A/SA 234 - 03	EH04WNS	25
		A516-70 154/A4T1860	STRESS RELIEVED		

Chemical Analysis

Heat Code	Test	C	Mn	P	S	Si	Cu	Ni	Al	Mo	Al
EK04IFS1	M	.190	1.050	.008	.006	.200	.040	.030	.090	.030	
EJ04WSS	M	.211	1.140	.013	.013	.190	.230	.060	.060	.010	.0130
EL04XDS	M	.190	1.040	.014	.003	.200	.250	.090	.130	.030	
EH04WNS	M	.211	1.160	.009	.006	.200	.180	.060	.070	<.010	.0100

Chemical Analysis (cont.)

Heat Code	N	V	B	Ti	Cb	Sn	W	Pb	Co	CE
EK04IFS1		.001								.391
EJ04WSS		<.010	<.0005	<.0100	<.010	.009	<.002	.002	<.050	.437
EL04XDS		.013			.002					.420
EH04WNS		<.010	<.0005	<.0100	<.010	.007	<.002	.002	<.050	.438

Physical Properties

Heat Code	Tensile KSI	Type	Thickness	Yield KSI	% Elong. (4D)	% RA	Hardness HB
EK04IFS1	76.2	L		42.0	35.0	74.0	137
EJ04WSS	78.5	T		49.9	26.0	54.0	149
EL04XDS	82.3	T		55.2	32.0		156
EH04WNS	83.6	T		51.3	29.0	64.0	141

Charpy Results

Heat Code	Size x 10mm	Type	Temp. (F)	Foot Pounds	Later. Expansion	% Shear
EK04IFS1						
EJ04WSS						
EL04XDS						
EH04WNS						

Test: M=Mill Product
 Type: L=Longitudinal T=Transverse

We certify that the material herein described has been manufactured, heat treated, sampled, tested, and inspected in accordance with the above standards and specifications and satisfies those requirements. We certify these flanges and fittings capable of passing a hydrostatic test compatible with their rating. The above figures are correct as contained in the records of the Company. This information has been electronically transmitted to our customer.
 /S/ Glinda LaFleur