



METALLURGICAL TEST REPORT

MET - 04 Rev No.: 4 Rev. Date: 08/16/22
10/18/2022

Bulletin	Order Item	Heat	PO No.	Shipping Mode	Order Dimensions	Slab Origin	TC No.
T125126	USW20875-02	S32359	HOU-10309-TG	TRUCK	0.375x120x480	JSW USA	T125126-2359-1
				NO WELD REPAIR	MELTED AND MANUFACTURED IN THE USA.		
					REDUCTION RATIO 24:1		

Plates Certified for the Following grades
 ASTM A36, ASTM A709-36, ASME SA36 AR
 Hot Rolled Carbon Steel Plates
 Plates Manufactured in the USA
 Sold To: UNIVERSAL STEEL AMERICA 1230 E. RICHEY RD HOUSTON, TX 77073
 Ship To: UNIVERSAL STEEL AMERICA 1230 E. RICHEY RD HOUSTON, TX 77073
 Complies with ASTM A36 2019

Test	C	Min	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	V	B	Ti	Nb	Ca	CE
LADLE	0.12	0.85	0.009	0.001	0.16	0.083	0.088	0.057	0.031	0.005	0.040	0.0077	0.004	0.0003	0.003	0.001	0.0014	0.30

Carbon Equivalent CE = C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15
 PCM = C + Si/30 + Mn/20 + Cu/20 + Ni/60 + Cr/20 + Mo/15 + V/10 + Sb
 AWS = C + (Mn+Si)/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

Plate Tested	Smpl. Loc.	Slab Identity	Gauge Tested	Test Cond	Test Dir.	Yield Point (KSI)	Ten. Stgth. (KSI)	Elong in 2"	[Y/S]/[UTS] Ratio	Yield Strength Determined At
1266999	A	03C	0.3940	AR	T	50	71	34.0%	0.70	0.2%
1266706	A	03E	0.3150	AR	T	44	71	31.0%	0.62	0.2%

Plates Certified For The Above Tests

Material	Thick(In)	Width (In)	Len(In)	Wgt(Lb)
1268844A	0.3750	120.000	480.00	6125.760

DIN: EN 10204 2004 3.1 This is to certify that the product described herein was manufactured, sampled, and tested in accordance with the specifications and requirements in such specifications. Fine Grain, Si-Al Fully Killed Steel. We certify that delivery of this product with the requirement of the specification and purchase order received from customer. DRC Conflict Free. No intentional addition of Pb, Se, S, Hg or B. JSW Steel USA, Inc is an ISO 9001:2015 certified facility.

