



JSW Steel (USA) INC.
5200, East McKinney Road,
BAYTOWN, TX 77523

METALLURGICAL TEST REPORT

MET - 04 Rev. No.: 3 Rev. Date: 02/27/2018

5/28/2022

Bulletin	Order Item	Heat	PO No.	Shipping Mode	Order Dimensions	Slab Origin	TC No.
T114417	JSW19163-10	S30979	25.498	TRUCK	3x96x240	INDIA	T114417-0979-1

Plates Certified for the Following grades	Specifications	Marking Instructions
ASTM-A36, ASTM-A709-36, ASME-SA36 AR		Stencil in 1 location(s); X Loc. 18 Y Loc. 30; CUST; MADEINUSA PN PO; DIM GRADE; FREIGHT ORDERITEM PLATEID SHIPWEEK SLABID
Hot Rolled Carbon Steel Plates Plates Manufactured in the USA		TRANSMODE Stamp in 1 location(s); X Loc. 18 Y Loc. 12; Slab ID; Slab ID
Sold To:	Complies with ASTM A36 2019	
Ship To:		

Test	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	V	B	Ti	Nb	Ca	CE
LADLE	0.19	1.15	0.014	0.004	0.20	0.005	0.007	0.019	0.001	0.001	0.040	0.0037	0.001	0.0003	0.003	0.001	0.0002	0.39

Carbon Equivalent CE = C + Mn/8 + (Cr + Mo + V)/5 + (Ni + Cu)/15
 PCM = C + Si/30 + Mn/20 + Cu/20 + Ni/60 + Cr/20 + Mo/15 + V/10 + 5B
 AWS = C + (Mn+Si)/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

Plate Tested	Smp. Loc.	Slab Identity	Gauge Tested	Test Cond	Test Dir.	Yield Point (KSI)	Ten. Stgth. (KSI)	Elong in 2"	YS/UTS Ratio	Yield Strength Determined At
1248081	A	02B1	3.0000	AR	T	42	72	32.0%	0.58	0.2%

Plates Certified For The Above Tests

Material	Thick(IN)	Width(IN)	Len(IN)	Wgt(LB)	Material	Thick(IN)	Width(IN)	Len(IN)	Wgt(LB)	Material	Thick(IN)	Width(IN)	Len(IN)	Wgt(LB)
1248081A	3.0000	96.000	240.00	19602.432										

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.

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