



EXCELENCIA EN CALIDAD

Acerta Ramos Arizpa
Carretera a Monclova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente
C.P./ZIP 25800 RAMOS ARIZPE, COAHUILA
Tel/Phone (+52) 01 818 368 1111
FAX 800 831 5700, USA 1800 332 2376.
customer@deacero.com

/ CERTIFICATE OF TEST AN ANALYSIS

No. Certificado / Certificate No:	388 - 24499513 - 22
Fecha / Date:	13/06/2023

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	
Cliente / Customer: SUPERIOR SUPPLY AND STEEL		Cliente / Customer: SUPERIOR SUPPLY AND STEEL	
Dirección / Address: 318 NORTH CITIES SERVICE HWY		Dirección / Address: 318 N. Cities Service Hwy	
Ciudad / City: SULPHUR	Estado / State: LA	Ciudad / City: SULPHUR	Estado / State: LA
Teléfono / Phone: 337 625 2300	País / Country: USA C.P./ZIP 70663		
Correo Electrónico / eMail: clabaune@supstl.com			
		Núm. Vaje / Travel No: 388	
		Núm. Factura / Invoice No: VZ427	
		Pedido / Customer Order No: 24499513	
		Núm. Plan / Shipping Plan: 361	
		Fecha Embarque / Date: 13/06/2023	
		Orden de Compra / Purchase Order: P0239780-1	

Celda / Host	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)															
				% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	% Nb	% N	CE	
63156	25219	60676	ROUND BAR 1/2" A-36 20' 1.5T	0.17	0.97	0.20	0.010	0.008	0.20	0.101	0.058	0.017	0.008	0.001	0.004	0.004	0.008	0.329	
29341	10937	60675	ROUND BAR 3/8" A-36 20' 1.5T	0.15	0.72	0.21	0.010	0.004	0.25	0.066	0.097	0.017	0.010	0.001	0.003	0.003	0.008	0.290	
31087	11850	60675	ROUND BAR 3/8" A-36 20' 1.5T	0.15	0.69	0.18	0.010	0.004	0.21	0.113	0.076	0.021	0.010	0.001	0.003	0.003	0.007	0.293	
35190	13190	60675	ROUND BAR 3/8" A-36 20' 1.5T	0.14	0.85	0.18	0.007	0.008	0.20	0.068	0.080	0.018	0.009	0.001	0.003	0.000	0.008	0.285	
35210	13186	60675	ROUND BAR 3/8" A-36 20' 1.5T	0.15	0.73	0.18	0.007	0.015	0.20	0.059	0.081	0.020	0.008	0.001	0.004	0.002	0.009	0.289	
63084	71006	60949	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	0.20	0.70	0.21	0.007	0.005	0.30	0.130	0.082	0.016	0.010	0.000	0.004	0.002	0.009	0.347	
63984	71810	60849	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	0.20	0.70	0.21	0.007	0.005	0.30	0.130	0.082	0.016	0.010	0.000	0.004	0.002	0.009	0.347	
63988	71811	60849	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	0.21	0.72	0.20	0.009	0.005	0.22	0.084	0.076	0.016	0.008	0.000	0.004	0.002	0.008	0.348	

Celda / Host	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES									
						RT	TS	% Elong	LF	YS	P. Doblez / Bend Test				
63156	25219	60676	ROUND BAR 1/2" A-36 20' 1.5T	1/2"	3	47.82	68000.07	31.45	38.48	54721.90	Cumple / Successfully				
29341	10937	60675	ROUND BAR 3/8" A-36 20' 1.5T	3/8"	10	51.87	73756.08	31.06	36.45	51829.75	Cumple / Successfully				
31087	11850	60675	ROUND BAR 3/8" A-36 20' 1.5T	3/8"	3	51.42	73116.21	26.18	35.82	50933.93	Cumple / Successfully				
35190	13190	60675	ROUND BAR 3/8" A-36 20' 1.5T	3/8"	3	48.68	69220.09	24.72	30.21	42958.84	Cumple / Successfully				
35210	13186	60675	ROUND BAR 3/8" A-36 20' 1.5T	3/8"	1	50.47	71785.37	32.83	35.05	49839.03	Cumple / Successfully				

Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2008, A529-2005 (re aprobada el 2009), A572-2012 y A992-2011 y a las normas dimensionales NMX B252, ASTM A6/A6M-2012. / We certify that this material has been produced hot-rolled carbon, inspected and tested according to standards applicable steelmaking to ASTM A36-2008, A529-2005 (Reapproved 2009), A572-2012 y A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012.



MANUEL MARCELINO GARCIA RAMOS
Gerente de Aseguramiento de Calidad / Quality Assurance Manager



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PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm ² AVG	TS PSI AVG	% Elong / AVG	LF kg/mm ² AVG	YS PSI AVG	P. Doblez / Bend Test
63984	71808	60649	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	4"	4	52.52	74684.61	32.48	38.72	55070.35	Cumple / Successfully
63984	71810	60649	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	4"	6	52.25	74287.84	32.69	38.54	54807.30	Cumple / Successfully
63988	71811	60649	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	4"	12	52.50	74654.75	32.30	38.74	55085.95	Cumple / Successfully

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