



EXCELENCIA EN CALIDAD

Aceria Ramos Arizpe  
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/ CERTIFICATE OF TEST AN ANALYSIS

No. Certificado / Certificate No:	130 - 24499397 - 22
Fecha / Date:	23/03/2023

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: 337 825 2300			
Correo Electrónico / eMail:			
DATOS DEL EMBARQUE / SHIPPING INFORMATION		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
Núm. Viaje / Travel No: 130		Núm. Factura / Invoice No: VZ135	
		Pedido / Customer Order No: 24499397	
		Núm. Plan / Shipping Plan: 145	
		Fecha Embarque / Date: 23/03/2023	
		Orden de Compra / Purchase Order: P0239778-1	

COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)																		
Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	% Nb	% N	CE
55924	19959	80621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	AVG 0.22	AVG 0.72	AVG 0.20	AVG 0.014	AVG 0.003	AVG 0.25	AVG 0.111	AVG 0.090	AVG 0.019	AVG 0.012	AVG 0.001	AVG 0.003	AVG 0.000	AVG 0.008	AVG 0.366
63610	27704	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	0.22	0.71	0.20	0.008	0.010	0.19	0.087	0.072	0.017	0.009	0.000	0.003	0.002	0.008	0.364
63631	27703	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	0.22	0.70	0.20	0.008	0.008	0.24	0.114	0.075	0.022	0.010	0.000	0.004	0.002	0.008	0.360
63634	27702	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	0.23	0.70	0.22	0.012	0.015	0.24	0.090	0.068	0.013	0.010	0.000	0.004	0.002	0.008	0.367

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES													
Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	R <sub>t</sub> / kgf/mm <sup>2</sup> / AVG	TS / PSI / AVG	% Elong / Elong / AVG	LF / kgf/mm <sup>2</sup> / AVG	YS / PSI / AVG	P. Doblez / Bend Test		
55924	19959	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	2" x 2" x 1/4"	3	52.02	73970.80	31.49	41.41	58892.53	Cumple / Successfully		
63610	27704	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	2" x 2" x 1/4"	1	51.01	72541.75	22.83	43.95	62497.15	Cumple / Successfully		
63631	27703	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	2" x 2" x 1/4"	9	51.01	72541.75	22.83	42.10	59872.25	Cumple / Successfully		
63634	27702	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	2" x 2" x 1/4"	7	51.02	72548.88	22.83	42.10	59872.25	Cumple / Successfully		

CE=[C]+((Mn)/6)+((Cu)+(Ni))/15)+((Cr)+Mn)/6)+((Ni)/5)

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/A614-2012, ASTM A6/A36/A529-50 / The information on the chemical and mechanical properties contained in this certificate are average values obtained from the company's internal records, where we certify that this material has been produced, inspected and tested in accordance with the standard: ASTM A6/A36/A529-50



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