



**Acería Ramos Arizpe**  
 Carretera a Monclova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente  
 C.P./ZIP 25900 RAMOS ARIZPE, COAHUILA  
 Tel/Phone (+52) 01 818 368 1111  
 MX 01 800 021 3322, USA 1800 332 2376

**/ CERTIFICATE OF TEST AN ANALYSIS**

**EXCELENCIA EN CALIDAD**

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			
Correo Electrónico / Email: dabauve@supstl.com			
País / Country: USA C.P./ZIP 70663		País / Country: USA C.P./ZIP 70663	

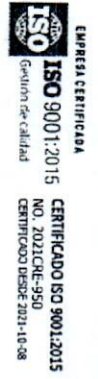
**COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)**

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	
				AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG			
64767	28773	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	0.22	0.70	0.18	0.012	0.009	0.025	0.118	0.080	0.016	0.008	0.000	0.006	0.002	0.008	0.367															
64767	28774	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	0.22	0.70	0.18	0.012	0.009	0.025	0.118	0.080	0.016	0.008	0.000	0.006	0.002	0.008	0.367															
64768	28779	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	0.20	0.70	0.21	0.009	0.010	0.020	0.094	0.073	0.015	0.007	0.000	0.005	0.002	0.008	0.342															
64768	28780	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	0.20	0.70	0.21	0.009	0.010	0.020	0.094	0.073	0.015	0.007	0.000	0.005	0.002	0.008	0.342															
64769	28775	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	0.22	0.70	0.23	0.007	0.010	0.017	0.069	0.067	0.017	0.006	0.000	0.005	0.003	0.008	0.352															
62472	70227	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T	0.21	0.90	0.20	0.014	0.008	0.024	0.104	0.082	0.021	0.013	0.010	0.009	0.008	0.381																
62472	70228	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T	0.21	0.90	0.20	0.014	0.008	0.024	0.104	0.082	0.021	0.013	0.010	0.009	0.008	0.381																
62472	70229	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T	0.21	0.90	0.20	0.014	0.008	0.024	0.104	0.082	0.021	0.013	0.010	0.009	0.008	0.381																
62494	70230	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T	0.20	0.93	0.19	0.013	0.008	0.023	0.149	0.082	0.022	0.015	0.011	0.011	0.010	0.008	0.380															

**PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES**

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT		TS		% Elong		LF		YS		P. Doblez / Bend Test
						AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG			
64767	28773	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	3" x 3" x 1/4"	12	53.50	76096.2	32.87	42.51	60459.5	1	1	1	1	1	Cumple / Successfully
64767	28774	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	3" x 3" x 1/4"	7	53.50	76096.2	32.87	42.51	60459.5	1	1	1	1	1	Cumple / Successfully
64768	28779	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	3" x 3" x 1/4"	16	53.50	76096.2	28.74	42.51	60459.5	1	1	1	1	1	Cumple / Successfully
64768	28780	60629	ANGLE 3" x 3" x 1/4" A36/529-50 20' 2.0T	3" x 3" x 1/4"	4	53.50	76096.2	28.54	42.51	60459.5	1	1	1	1	1	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 A592-2011 Y a las normas dimensionales NMX B252, ASTM A6/6M-2012, ASTM A6/6M/AS29-50 / 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 A6/6M/AS29-50



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



EXCELENCIA EN CALIDAD

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/ CERTIFICATE OF TEST AN ANALYSIS

No. Certificado / Certificate No:	225 - 2440379 - 22
Fecha / Date:	25/04/2023

Hecho en México / Made in Mexico

PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diámetro	Cantidad / Bunde	RT / kg/mm <sup>2</sup> / AVG	TS / PSI / AVG	% Elong / Elong / AVG	LE / kg/mm <sup>2</sup> / AVG	YS / PSI / AVG	P. Doblez / Bend Test
64169	28775	60629	ANGLE 3" x 3" x 1/4" A36/572-50 20' 2.0T	3" x 3" x 1/4"	3	53.52	76115.0	32.87	42.56	60629.1	Cumple / Successfully
62472	70227	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T *MA*	6"	4	54.26	77164.4	32.87	41.47	58975.0	Cumple / Successfully
62472	70228	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T *MA*	6"	4	54.47	77465.9	32.87	41.47	58969.3	Cumple / Successfully
62472	70229	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T *MA*	6"	10	53.87	76608.5	28.52	40.86	58111.8	Cumple / Successfully
62494	70230	60651	CHANNEL 6" x 8.2 A36/572-50 20' 2.0T *MA*	6"	3	54.05	76855.9	31.69	41.00	58302.4	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, A572-2005 (re aprobada el 2009), A572-2012 y A592-2011 y a las normas dimensionales NMX B252, ASTM A6/AM-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



EMPRESA CERTIFICADA  
**ISO 9001:2015**  
Gestión de calidad  
CERTIFICADO DECE 2021-16-09

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