



EXCELENCIA EN CALIDAD

Aceria 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 800 831 5700, USA 1800 332 2376.
 customerdata@deacero.com

/ CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / Certificate No.:	8331 - 25459723 - 22
Fecha / Date:	04/12/2024

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	
Cliente / Customer: SUPERIOR SUPPLY AND STEEL		Cliente / Customer: BEAUMONT	
Dirección / Address: 318 NORTH CITIES SERVICE HWY		Dirección / Address: 4855 FANNETT ROAD	
Ciudad / City: SULPHUR	Estado / State: LA	Ciudad / City: BEAUMONT	Estado / State: TX
Teléfono / Phone: 337 625 2300	País / Country: USA C.P./ZIP 70663		
Correo Electrónico / eMail: clabauve@supstl.com			
DATOS DEL EMBARQUE / SHIPPING INFORMATION		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
	Núm. Viaje / Travel No: 8331		Núm. Viaje / Travel No: 8331
	Núm. Factura / Invoice No: UK9915		Núm. Factura / Invoice No: UK9915
	Pedido / Customer Order No: 25459723		Pedido / Customer Order No: 25459723
	Núm. Plan / Shipping Plan: 8338		Núm. Plan / Shipping Plan: 8338
	Fecha Embarque / Date: 04/12/2024		Fecha Embarque / Date: 04/12/2024
	Orden de Compra / Purchase Order: P0251820-1		Orden de Compra / Purchase Order: P0251820-1

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
77217	41668	28407	ANGLE 2" x 2" x 3/8" A-36 20T	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
				0.21	0.70	0.18	0.007	0.010	0.25	0.085	0.081	0.018	0.011	0.000	0.005	0.002	0.008	0.351
77217	41670	28407	ANGLE 2" x 2" x 3/8" A-36 20T 2.0T	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
				0.21	0.70	0.18	0.007	0.010	0.25	0.085	0.081	0.018	0.011	0.000	0.005	0.002	0.008	0.351

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES											
Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kgfmm ² AVG	TS MPa AVG	% Elong AVG	LF kgfmm ² AVG	YS MPa AVG	P. Doblez / Bend Test
77217	41668	28407	ANGLE 2" x 2" x 3/8" A-36 20T	2" x 2" x 3/8"	10	42.15	413.42	33.03	36.80	360.92	Cumple / Successfully
77217	41670	28407	ANGLE 2" x 2" x 3/8" A-36 20T 2.0T	2" x 2" x 3/8"	4	52.65	516.37	28.42	44.99	441.27	Cumple / Successfully

$$CE = [C] + (([Mn] + [Si]) / 5) + (([Cu] + [Ni]) / 15) + (([Cr] + [Mo] + [V] + [Nb]) / 5)$$

OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION	
/ %Elongation specimen 8 in [200 mm]	
/ 1 ppm = 0.0001%	
/ Coating Type: Uncoated	
/ Country of Origin and Exporter: México	
/ Integrated Accessories: Strips	
/ Melted and Poured in Mexico	Aceria Ramos Arizpe Carretera a Monclova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente ZIP 25900 RAMOS ARIZPE, COAHUILA Phone
/ Presentation: Package	
/ Type of Finish: Smooth	
/ Type of Steel: Carbon Steel Hot Rolled	

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 A6/6M-2012, ASTM A6/AS6 / 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/AS6



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