



EXCELENCIA EN CALIDAD

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

/ CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / 8265 - 25331325 - 22
Certificate No:
Fecha / Date: 04/11/2024

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				Ciudad / City: BEAUMONT			
Teléfono / Phone: 337 625 2300				Estado / State: , TX			
Correo Electrónico / eMail: clabaue@supstl.com				Estado / State: , LA			
				País / Country: USA C.P./ZIP 70663			
				Pedido / Customer Order No: 25331325			
				Núm. Plan / Shipping Plan: 8362			
				Fecha Embarque / Date: 04/11/2024			
				Orden de Compra / Purchase Order: P0249822-1			

COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)															
Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C		% Mn		% Si		% P		% S		% Cu	
				AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
68908	33474	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	0.25	0.70	0.20	0.005	0.014	0.23	0.058	0.084	0.019	0.010	0.000	0.004
76472	85534	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	0.23	0.74	0.21	0.006	0.005	0.22	0.084	0.090	0.023	0.009	0.000	0.008
76472	85535	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	0.23	0.74	0.21	0.006	0.005	0.22	0.084	0.090	0.023	0.009	0.000	0.008
76472	85536	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	0.23	0.74	0.21	0.006	0.005	0.22	0.084	0.090	0.023	0.009	0.000	0.008
76473	85532	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	0.22	0.74	0.19	0.006	0.005	0.18	0.122	0.094	0.028	0.008	0.000	0.008
75766	85676	60649	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	0.20	0.90	0.20	0.007	0.004	0.12	0.085	0.057	0.013	0.006	0.010	0.012
76429	85674	60649	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	0.20	0.90	0.19	0.006	0.007	0.15	0.090	0.056	0.013	0.007	0.008	0.009
76664	85683	60649	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	0.21	0.72	0.20	0.006	0.013	0.23	0.092	0.094	0.021	0.012	0.000	0.006

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES										
Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT		TS		% Elong / Elong
						kgfmm ² AVG	MPa AVG	kgfmm ² AVG	MPa AVG	
68908	33474	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	3" x 3" x 3/8"	1	54.46	534.12	31.31	40.18	Cumple / Successfully
76472	85534	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	3" x 3" x 3/8"	5	53.24	522.14	32.99	40.94	Cumple / Successfully
76472	85535	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	3" x 3" x 3/8"	5	53.24	522.14	32.99	40.79	Cumple / Successfully
76472	85536	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	3" x 3" x 3/8"	7	53.23	522.02	32.99	40.93	Cumple / Successfully
76473	85532	60631	ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T	3" x 3" x 3/8"	2	53.24	522.14	32.87	40.94	Cumple / Successfully
75766	85676	60649	CHANNEL 4" x 5.4 A36/529-50 20' 2.0T	4"	3	54.22	531.77	32.87	40.08	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/A6M-2012, ASTM A6/A36, 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, ASTM A6/A36/A529-50

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





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PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES											
Clada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm ² AVG	TS MPa AVG	% Elong / Elong AVG	LF kg/mm ² AVG	YS MPa AVG	P. Doblez / Bend Test
76429	85674	60649	CHANNEL 4" x 5.4 A36/A529-50	4"	1	64.44	533.90	32.87	38.82	380.70	Cumple / Successfull
76664	85683	60649	CHANNEL 4" x 5.4 A36/A529-50	4"	1	53.58	525.45	32.87	44.26	434.06	Cumple / Successfull

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	Acería 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	



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