



EXCELENCIA EN CALIDAD

Aceria Ramos Arizpe

CARRETERA MONCLOVA KM 4 NUMERO 2125
TRAMO SANTA CRUZ OJO CALIENTE
C.P./ZIP RAMOS ARIZPE, COAHUILA
Tel/Phone (+52) 01 818 368 1111
MX 01 800 021 3322, USA 1800 332 2376

CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST AND ANALYSIS

Table with 2 columns: Field (No. Certificado, Certificate No., Fecha / Date) and Value (129995 - 21738775, 10/10/2018)

Hecho en México / Made in Mexico.

Table with 3 main sections: DATOS DEL CLIENTE / SOLD TO, CLIENTE CONSIGNADO / SHIP TO, and DATOS DEL EMBARQUE / SHIPPING INFORMATION. Includes fields for customer name, address, city, state, phone, and shipping details.

Table titled 'COMPOSICION QUIMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)'. Columns include Colada / Heat, Secuencia / Sequence, Clave / Code, Producto / Description of Goods, and various chemical elements (% C, % Mn, % Si, % P, % S, % Cu, % Cr, % Ni, % Mo, % Sn, % Ti, % V, PPM Nb, PPM N, CE).

Table titled 'PROPIEDADES MECANICAS / MECHANICAL PROPERTIES'. Columns include Colada / Heat, Secuencia / Sequence, Clave / Code, Producto / Description of Goods, Calibre / Diameter, Cantidad / Bundle, RT kg/mm², TS PSI, % Elong / Elong, LF kg/mm², YS PSI, and P. Doblez / Bend Test.

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, 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



GUSTAVO GABRIEL MANCILLA GARZA
Gerente de Aseguramiento de Calidad / Quality Assurance Manager



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**CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST  
 AND ANALYSIS**

No. Certificado / Certificate No:	129995 - 21738775
Fecha / Date:	10/10/2018

Hecho en México / Made in Mexico

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES												
Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm <sup>2</sup>	TS PSI	% Elong / Elong	LF kg/mm <sup>2</sup>	YS PSI	P. Doblez / Bend Test	
						AVG	AVG	AVG	AVG	AVG		
32558	38660	60346	ANGULO LI 2 1/2" x 2 1/2" x 3/16" A36/529-50 12.20m 4.0T	2 1/2" x 2 1/2" x 3/16"	1	50.4	71847.2	30.5	41.6	59324.8	Cumple / Successfully	
31535	37903	78025	VIGA R 10" x 19.0 A992/A572-50 12.20m 4.0T	10" x 19.0	1	51.0	72701.0	31.7	37.6	53547.4	Cumple / Successfully	
31535	37904	78025	VIGA R 10" x 19.0 A992/A572-50 12.20m 4.0T	10" x 19.0	1	52.6	74963.6	32.4	37.4	53319.8	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, 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



*[Signature]*  
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 Assurance Manager