



Aceria Ramos Arizpe
 CARRETERA MONCLOVA KM 4 NUMERO 2125
 TRAMO SANTA CRUZ OJO CALIENTE
 C.P./ZIP RAMOS ARIZPE, COAHUILA
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**CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST
 AND ANALYSIS**

No. Certificado / Certificate No.	124397 - 21636585
Fecha / Date:	20/07/2018

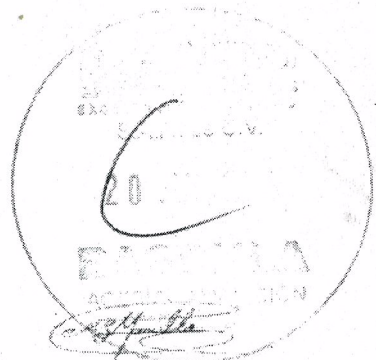
EXCELENCIA EN CALIDAD

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO	DATOS DEL EMBARQUE / SHIPPING INFORMATION
Cliente / Customer ACEROMEX SA DE CV		Cliente / Customer ALMACEN PRODUCTO TERMINADO TULTITLAN	Núm. Viaje / Travel No: 124397
Dirección / Address CARRETERA LIBRE FEDERAL MONTERREY LAREDO KM 27 CENTRO		Dirección / Address: VIA JOSE LOPEZ PORTILLO # 12 BIS SAN FRANCISCO CHILPA	Núm. Factura / Invoice No: FQ69263
Ciudad / City: CIENEGA DE FLORES Estado / State N.L.		Ciudad / City: TULTITLAN Estado / State: EDO DE MEXICO	Pedido / Customer Order No: 21636585
Teléfono / Phone: 81555500 País / Country MEXICO C.P./ZIP 65550			Fecha Embarque / Date: 20/07/2018
Correo Electrónico / eMail: lmontoya@aceromex.com			Orden de Compra / Purchase Order: 4500225759

COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)																															
Coada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C		% Mn		% Si		% P		% S		% Cu		% Cr		% Ni		% Mo		% Sn		% Ti		% V		PPM		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	AVG
25308	32327	60135	REDONDO S 1 1/2" A-36 P 6 10m 2.0T	0.08	1.01	0.20	0.008	0.009	0.12	0.04	0.05	0.011	0.006	0.011	0.004	0.004	0.011	0.006	0.011	0.004	0.004	0.011	0.006	0.011	0.004	0.004	316	84	0.26	0.26	
25317	32328	60135	REDONDO S 1 1/2" A-36 P 6 10m 2.0T	0.30	0.90	0.18	0.008	0.001	0.12	0.06	0.05	0.013	0.012	0.012	0.014	118	76	0.36	0.36												
30880	37421	60135	REDONDO S 1 1/2" A-36 P 6 10m 2.0T	0.21	0.73	0.20	0.008	0.006	0.26	0.11	0.06	0.019	0.012	0.001	0.002	15	90	0.35	0.35												
26361	37625	10497	CANAL 10" x 15.3 A36/A572-50 6.10m 2.0T	0.07	1.01	0.22	0.010	0.004	0.11	0.04	0.04	0.009	0.006	0.010	0.005	300	83	0.25	0.25												
29120	37626	10497	CANAL 10" x 15.3 A36/A572-50 6.10m 2.0T	0.07	1.06	0.21	0.009	0.006	0.12	0.04	0.04	0.013	0.008	0.011	0.003	303	80	0.25	0.25												
30069	37624	10497	CANAL 10" x 15.3 A36/A572-50 6.10m 2.0T	0.07	1.05	0.25	0.006	0.006	0.10	0.02	0.05	0.016	0.008	0.010	0.006	350	68	0.25	0.25												
30835	37503	63097	VIGA S 5" x 10.0 A36/A572-50 6.10m 2.0T	0.21	0.90	0.19	0.006	0.004	0.20	0.06	0.04	0.017	0.008	0.008	0.012	92	70	0.30	0.30												

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES												
Coada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT		TS		% Elong / Elong		P. Doblez / Bend Test
						kg/mm ²	AVG	PSI	AVG	AVG	AVG	
25305	32327	60135	REDONDO S 1 1/2" A-36 P 6 10m 2.0T	1 1/2"	2	49.6	70651.9	24.7	39.8	43928.0	Cumple / Successfully	
25317	32328	60135	REDONDO S 1 1/2" A-36 P 6 10m 2.0T	1 1/2"	2	52.4	74636.3	24.7	33.7	48054.7	Cumple / Successfully	
30880	37421	60135	REDONDO S 1 1/2" A-36 P 6 10m 2.0T	1 1/2"	4	52.6	74977.8	33.4	36.6	52181.4	Cumple / Successfully	
26361	37625	10497	CANAL 10" x 15.3 A36/A572-50 6.10m 2.0T	10" x 15.3	1	54.7	77951.0	24.7	39.2	55909.6	Cumple / Successfully	
29120	37626	10497	CANAL 10" x 15.3 A36/A572-50 6.10m 2.0T	10" x 15.3	1	54.3	77340.0	24.7	39.8	56635.4	Cumple / Successfully	
30069	37624	10497	CANAL 10" x 15.3 A36/A572-50 6.10m 2.0T	10" x 15.3	2	54.6	77823.8	24.7	40.0	56991.1	Cumple / Successfully	
30835	37503	63097	VIGA S 5" x 10.0 A36/A572-50 6.10m 2.0T	5" x 10.0	5	50.9	72501.8	30.5	40.0	57019.6	Cumple / Successfully	



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



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.