



Aceria Ramos Arizpe
 CARRETERA MONCLOVA KM 4 NUMERO 2125
 TRAMO SANTA CRUZ OJO CALIENTE
 C.P / ZIP RAMOS ARIZPE, COAHUILA
 Tel/Phone (+52) 01 818 358 1111
 MX 01 800 021 3322 USA 1800 332 2376

CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / Certificate No.	89771-20841784
Fecha / Date.	07/03/2017

Hecho en Mexico / 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		Num. Viaje / Travel No: 89771	
Direccion / Address: CARRETERA LIBRE FEDERAL MONTERREY LAREDO KM 27 CENTRO		Direccion / Address: VIA JOSE LOPEZ PORTILLO # 12 BIS SAN FRANCISCO CHILPA		Num. Factura / Invoice No: FQ48294	
Ciudad / City: CIENEGA DE FLORES Estado / State: N.L.		Ciudad / City: TULTITLAN Estado / State: EDO. DE MEXICO		Pedido / Customer Order No: 20841784	
Telefono / Phone: 81559500 Pais / Country: MEXICO C.P / ZIP: 63550				Num. Plan / Shipping Plan: 95604	
Correo Electronico / eMail: kharera@deacero.com				Fecha Embarque / Date: 07/03/2017	
				Orden de Compra / Purchase Order: 4500171402	

COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)

Ciudad / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Composición Química (%)														PPM N	PPM S	CE
				% C	% Mn	% S	% P	% Si	% Cu	% Cr	% Ni	% Mo	% Nb	% Ti	% V	AVG	AVG			
21038	8052	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	0.13	0.67	0.20	0.009	0.011	0.23	0.07	0.06	0.023	0.010	0.003	0.005	26	34	0.26		
21002	8049	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	0.15	0.89	0.24	0.009	0.014	0.20	0.11	0.12	0.030	0.010	0.001	0.006	24	94	0.28		
21872	8050	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	0.15	0.89	0.24	0.009	0.014	0.20	0.11	0.12	0.030	0.010	0.001	0.006	24	94	0.28		
21007	8051	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	0.15	0.89	0.18	0.008	0.009	0.25	0.09	0.09	0.021	0.009	0.004	24	84	0.26			

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES

Ciudad / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Cantura / Diameter	Cantidad / Burds	RT		YS		% Elong		LF		YS		P Dicro2 / Hard Test
						AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG			
21038	8052	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	1 1/4" x 1/8"	5	43.2	816/35.2	30.5	28.7	4089/0						Cumple / Successfully
21002	8049	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	1 1/4" x 1/8"	1	42.5	8050/9.9	32.1	26.7	3789/1						Cumple / Successfully
21002	8050	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	1 1/4" x 1/8"	4	45.4	84718/0	30.5	29.6	42149/2						Cumple / Successfully
21007	8051	80224	SOLERA 1 1/4" x 1/8" A-36 P 6 10m 2 OT	1 1/4" x 1/8"	10	41.9	89709/0	30.5	29.0	42148/0						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 to ASTM A36-2008, A529-2005 (Reapproved 2009), A572-2012 and A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012.



Francisco Javier Vargas Soto
 FRANCISCO JAVIER VARGAS SOTO
 Gerente de Aseguramiento de Calidad / Quality Assurance Manager