Acería Ramos Arizpe
CARRETERA MONCLOVA KM 4 NUMERO 2125
TRAMO SANTA CRUZ OJO CALIENTE
C.P./ZIP RAMOS ARIZPE, COAHUILA
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EXCELENCIA EN CALIDAD

CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / Certificate No:	176536 - 22711560
Fecha / Date:	22/06/2020

Hecho en México / Made in Mexico

DATOS DEL CLIENTE / SOLD TO	CLIENTE CONSIGNADO / SHIP TO	DATOS DEL EMBARQUE / SHIPPING INFORMATION
Cliente / Customer: PLESA ANAHUAC Y CIAS SA DE CV	Cliente / Customer: MATRIZ TULTITLAN	Núm. Viaje / Travel No: 176536
Dirección / Address: AV VALLE DE LAS ALAMEDAS 66 0 SAN FRANCISCO CHILPAN	Dirección / Address: AV VALLE DE LAS ALAMEDAS 66 0 66 SAN FRANCISCO CHILPAN	Núm. Factura / Invoice No: FQ106538
Ciudad / City: TULTITLAN Estado / State: EDO. DE MEXICO	Ciudad / City: TULTITLAN Estado / State: EDO. DE MEXICO	Pedido / Customer Order No: 22711560
Teléfono / Phone: 10838570 País / Country: MEXICO C.P./ZIP 54940		Núm. Plan / Shipping Plan: 188423
Correo Electrónico / eMail: rceballos@plesa.com.mx		Fecha Embarque / Date: 22/06/2020
		Orden de Compra / Purchase Order: 29875

COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C AVG	% Mn AVG	% Si AVG	% P AVG	% S AVG	% Cu AVG	% Cr AVG	% Ni AVG	% Mo AVG	% Sn AVG	% Ti AVG	% V AVG	PPM Nb AVG	PPM N AVG	CE AVG
43689	7162	60229	SOLERA 2" x 1/4" A-36 6.10m 2.0T NMX B252/ASTM A6	0.21	0.74	0.19	0.010	0.017	0.13	0.07	0.05	0.015	0.006	0.000	0.005	11	90	0.34
43689	7163	60229	SOLERA 2" x 1/4" A-36 6.10m 2.0T NMX B252/ASTM A6	0.21	0.74	0.19	0.010	0.017	0.13	0.07	0.05	0.015	0.006	0.000	0.005	11	90	0.34
43690	7160	60229	SOLERA 2" x 1/4" A-36 6.10m 2.0T NMX B252/ASTM A6	0.21	0.72	0.19	0.012	0.013	0.16	0.06	0.05	0.012	0.007	0.000	0.004	8	91	0.34
43580	7165	22237	SOLERA 2" x 3/16" A-36 6.10m 2.0T NMX B252/ASTM A6	0.20	0.75	0.22	0.013	0.003	0.28	0.07	0.09	0.024	0.010	0.000	0.003	8	88	0.35
43693	7151	60230	SOLERA 2" x 3/8" A-36 6.10m 2.0T NMX B252/ASTM A6	0.21	0.72	0.19	0.012	0.008	0.20	0.06	0.08	0.022	0.007	0.001	0.007	13	89	0.35
43693	7152	60230	SOLERA 2" x 3/8" A-36 6.10m 2.0T NMX B252/ASTM A6	0.21	0.72	0.19	0.012	0.008	0.20	0.06	0.08	0.022	0.007	0.001	0.007	13	89	0.35
43694	7150	60230	SOLERA 2" x 3/8" A-36 6.10m 2.0T NMX B252/ASTM A6	0.20	0.76	0.23	0.012	0.015	0.20	0.05	0.08	0.022	0.008	0.001	0.005	9	85	0.34
43348	47646	17078	ANGULO LI 3" x 3" x 1/2" A36/529-50 6.10m 2.0T	0.22	0.71	0.21	0.011	0.016	0.25	0.06	0.08	0.017	0.011	0.001	0.0028	19	90	0.36
43348	47647	17078	ANGULO LI 3" x 3" x 1/2" A36/529-50 6.10m 2.0T	0.22	0.71	0.21	0.011	0.016	0.25	0.06	0.08	0.017	0.011	0.001	0.0028	19	90	0.36
43162	15822	78326	ANGULO LI 3/4" x 3/4" x 1/8" A-36 P 6.00m 1.1T	0.10	0.58	0.15	0.008	0.004	0.15	0.06	0.05	0.013	0.008	0.001	0.0030	13	102	0.20

PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm² AVG	TS PSI AVG	% Elong / Elong AVG	LF kg/mm² AVG	YS PSI AVG	P. Doblez / Bend Test
43689	7162	60229	SOLERA 2" x 1/4" A-36 6.10m 2.0T NMX B252/ASTM A6	2" x 1/4"	3	54.4	77416.8	32.6	39.4	56171.5	Cumple / Successfully
43689	7163	60229	SOLERA 2" x 1/4" A-36 6.10m 2.0T NMX B252/ASTM A6	2" x 1/4"	1	54.3	77359.9	33.0	39.5	56272.5	Cumple / Successfully
43690	7160	60229	SOLERA 2" x 1/4" A-36 6.10m 2.0T NMX B252/ASTM A6	2" x 1/4"	1	54.4	77463.8	32.8	39.4	56151.5	Cumple / Successfully

DEACERO EXCELENCIA EN CALIDAD S.A.P.I. de C.V. 22 JUN 2020 BASCULA ACERIA RAMOS

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.

DEACERO +VERDE

JUAN ALEJANDRO GALVAN GARCIA
Gerente de Aseguramiento de Calidad / Quality Assurance Manager