



EXCELENCIA EN CALIDAD

Aceria Ramos Arizpe
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CERTIFICADO DE CALIDAD / CERTIFICATE OF TEST AND ANALYSIS

No. Certificado / Certificate No:	186261 - 22932042
Fecha / Date:	31/10/2020

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	Estado / State: EDO. DE MEXICO	País / Country: MEXICO	C.P./ZIP 54940
Dirección / Address: AV VALLE DE LAS ALAMEDAS 66 0 SAN FRANCISCO CHILPAN	Ciudad / City: TULTITLAN	Estado / State: EDO. DE MEXICO	País / Country: MEXICO
Ciudad / City: TULTITLAN	Estado / State: EDO. DE MEXICO	País / Country: MEXICO	C.P./ZIP 54940
Teléfono / Phone: 10838570	Correio Electrónico / eMail: rceballos@plesa.com.mx		
Cliente / Customer: MATRIZ TULTITLAN	Dirección / Address: AV VALLE DE LAS ALAMEDAS 66 0 66 SAN FRANCISCO CHILPAN	Ciudad / City: TULTITLAN	Estado / State: EDO. DE MEXICO
Núm. Viaje / Travel No: 186261	Núm. Factura / Invoice No: FQ113187	Pedido / Customer Order No: 22932042	Núm. Plan / Shipping Plan: 199999
Fecha Embarque / Date: 31/10/2020	Orden de Compra / Purchase Order: 30377		

COMPOSICION QUIMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	PPM Nb	PPM N	CE
43847	16010	79678	REDONDO S 3/8" A-36 6.10m 1.5T	0.14	0.56	0.12	0.009	0.015	0.04	0.03	0.02	0.008	0.002	0.000	0.005	4	78	0.24
43955	16040	79678	REDONDO S 3/8" A-36 6.10m 1.5T	0.16	0.71	0.20	0.014	0.030	0.19	0.04	0.07	0.020	0.008	0.000	0.005	12	81	0.29
43955	16041	79678	REDONDO S 3/8" A-36 6.10m 1.5T	0.16	0.71	0.20	0.014	0.030	0.19	0.04	0.07	0.020	0.008	0.000	0.005	12	81	0.29
45245	8545	60223	SOLEIRA 1" x 1/4" A-36 6.10m 2.0T NMX	0.20	0.73	0.21	0.009	0.003	0.24	0.08	0.09	0.021	0.008	0.001	0.002	3	91	0.34
45246	8542	60223	SOLEIRA 1" x 1/4" A-36 6.10m 2.0T NMX	0.20	0.74	0.22	0.010	0.003	0.22	0.07	0.09	0.025	0.009	0.001	0.003	4	93	0.34
44217	8222	60229	SOLEIRA 2" x 1/4" A-36 6.10m 2.0T NMX	0.21	0.72	0.20	0.010	0.010	0.28	0.06	0.08	0.023	0.013	0.001	0.005	20	109	0.35
45065	8359	60325	ANGULO L1 1/2" x 1 1/2" x 1/4" A36/529-50 6.10m 2.0T	0.20	0.73	0.24	0.008	0.013	0.28	0.04	0.10	0.018	0.011	0.001	0.000	4	84	0.33
44858	8274	60287	ANGULO L1 1/2" x 1 1/2" x 3/16" A-36 P	0.16	0.68	0.19	0.008	0.005	0.20	0.05	0.06	0.019	0.008	0.001	0.000	4	109	0.31
44929	8264	60287	ANGULO L1 1/2" x 1 1/2" x 3/16" A-36 P	0.21	0.73	0.22	0.008	0.006	0.26	0.08	0.11	0.021	0.011	0.001	0.000	6	91	0.35
44930	8262	60287	ANGULO L1 1/2" x 1 1/2" x 3/16" A-36 P	0.21	0.76	0.22	0.009	0.004	0.28	0.06	0.12	0.023	0.010	0.001	0.000	6	93	0.35
44975	8346	60287	ANGULO L1 1/2" x 1 1/2" x 3/16" A-36 P	0.22	0.95	0.22	0.010	0.006	0.03	0.02	0.02	0.007	0.002	0.011	0.013	90	84	0.38

PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kgf/mm²	TS PSI	% Elong / Elong	LF kgf/mm²	YS PSI	P. Doblez / Bend Test
43847	16010	79678	REDONDO S 3/8" A-36 6.10m 1.5T	3/8"	1	49.1	69968.9	32.8	32.3	45979.9	Cumple / Successfully
43955	16040	79678	REDONDO S 3/8" A-36 6.10m 1.5T	3/8"	5	50.2	71488.6	32.5	34.9	49696.2	Cumple / Successfully
43955	16041	79678	REDONDO S 3/8" A-36 6.10m 1.5T	3/8"	4	48.0	68390.8	32.5	34.4	48998.1	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/AGM-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/AGM-2012.



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

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