



**Acería Ramos Arizpe**  
 Carretera a Monclova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente  
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**/ CERTIFICATE OF TEST AN ANALYSIS**

No. Certificado / Certificate No: 92124 - 24726325 - 22  
 Fecha / Date: 27/07/2023

Hecho en México / Made in Mexico

**EXCELENCIA EN CALIDAD**

DATOS DEL CLIENTE / SOLD TO		CLIENTE CONSIGNADO / SHIP TO		DATOS DEL EMBARQUE / SHIPPING INFORMATION	
Cliente / Customer: 1				Núm. Viaje / Travel No: 92124	
Dirección / Address: 8411 IRVINGTON BLVD.		Dirección / Address: 8807 Liberty Road		Núm. Factura / Invoice No: VC109213	
Ciudad / City: HOUSTON	Estado / State: TX	Ciudad / City: HOUSTON	Estado / State: TX	Pedido / Customer Order No: 24726325	
Teléfono / Phone: 6977105				Núm. Plan / Shipping Plan: 76410	
Correo Electrónico / eMail: ACCOUNTSPAYABLE@SSS-STEEL.COM				Fecha Embarque / Date: 27/07/2023	
				Orden de Compra / Purchase Order: HOU-203946	

Coilada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	% C	% Mn	% Si	% P	% S	% Cu	% Cr	% Ni	% Mo	% Sn	% Ti	% V	% Nb	% N	CE
66903	26912	60675	ROUND BAR 3/8" A-36 20' 1.5T	0.13	0.65	0.17	0.012	0.009	0.30	0.120	0.091	0.024	0.010	0.000	0.003	0.003	0.008	0.300
66904	26927	60675	ROUND BAR 3/8" A-36 20' 1.5T	0.15	0.65	0.16	0.009	0.006	0.30	0.100	0.099	0.025	0.009	0.000	0.003	0.002	0.008	0.314
62882	25137	60669	SQUARE BAR 3/8" A-36 20' 1.5T	0.13	0.49	0.14	0.010	0.014	0.19	0.094	0.078	0.018	0.010	0.001	0.005	0.003	0.008	0.231
66154	26744	60669	SQUARE BAR 3/8" A-36 20' 1.5T	0.16	0.88	0.20	0.011	0.013	0.25	0.115	0.106	0.029	0.016	0.000	0.001	0.002	0.009	0.328
66154	26746	60669	SQUARE BAR 3/8" A-36 20' 1.5T	0.16	0.88	0.20	0.011	0.013	0.25	0.115	0.106	0.029	0.016	0.000	0.001	0.002	0.008	0.328
66181	26743	60669	SQUARE BAR 3/8" A-36 20' 1.5T	0.13	0.51	0.12	0.008	0.021	0.22	0.100	0.089	0.023	0.011	0.000	0.002	0.002	0.008	0.235
66901	26853	60599	FLAT BAR 1 1/4" x 1/8" A-36 20' 2.0T ASTM A6/A36	0.15	0.67	0.17	0.006	0.003	0.25	0.085	0.079	0.019	0.009	0.000	0.003	0.003	0.008	0.307
66901	26854	60599	FLAT BAR 1 1/4" x 1/8" A-36 20' 2.0T ASTM A6/A36	0.15	0.67	0.17	0.006	0.003	0.25	0.085	0.079	0.019	0.009	0.000	0.003	0.003	0.008	0.307
67145	31217	60615	ANGLE 1 1/2" x 1 1/2" x 1/4" A36/529-50 20' 2.0T	0.21	0.73	0.21	0.008	0.007	0.25	0.100	0.083	0.021	0.010	0.000	0.004	0.003	0.009	0.353
67339	31338	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	0.20	0.73	0.21	0.012	0.011	0.27	0.150	0.110	0.024	0.009	0.000	0.003	0.002	0.008	0.349
67342	31341	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	0.20	0.71	0.20	0.008	0.011	0.22	0.088	0.077	0.021	0.010	0.000	0.003	0.003	0.008	0.336
67342	31342	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T	0.20	0.71	0.20	0.008	0.011	0.22	0.088	0.077	0.021	0.010	0.000	0.003	0.003	0.008	0.336
57464	24704	60628	ANGLE 3" x 3" x 3/16" A36/529-50 40' 4.0T	0.20	0.91	0.19	0.012	0.003	0.21	0.143	0.075	0.020	0.011	0.008	0.010	0.008	0.009	0.378
67337	31362	60628	ANGLE 3" x 3" x 3/16" A36/529-50 40' 4.0T	0.22	0.70	0.22	0.012	0.009	0.30	0.150	0.089	0.028	0.012	0.001	0.006	0.003	0.008	0.363
67337	31363	60628	ANGLE 3" x 3" x 3/16" A36/529-50 40' 4.0T	0.22	0.70	0.22	0.012	0.009	0.30	0.150	0.089	0.028	0.012	0.001	0.006	0.003	0.008	0.363

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, ASTM A6/A36/A529-50 / We certify that this material has been produced hot-rolled carbon, inspected and tested according to standards applicable steelmaking to ASTM A36-2008, A572-2012 y A992-2011, and the dimensional standards NMX B252, ASTM A6/A6M-2012, ASTM A6/A36/A529-50



**MANUEL MARCELINO GARCIA RAMOS**  
 Gerente de Aseguramiento de Calidad / Quality Assurance Manager



EXCELENCIA EN CALIDAD

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Colada / Heat	Secuencia / Sequence	Clave / Code	Producto / Description of Goods	Calibre / Diameter	Cantidad / Bundle	RT kg/mm <sup>2</sup> AVG	TS PSI AVG	% Elong / Elong AVG	LF kg/mm <sup>2</sup> AVG	YS PSI AVG	P. Doble / Bend Test
66903	26912	60675	ROUND BAR 3/8" A-36 20' 1.5T		4	55.96	79576.09	32.87	40.83	58069.23	Cumple / Successfully
66904	26927	60675	ROUND BAR 3/8" A-36 20' 1.5T		9	48.60	69119.13	32.87	34.56	49142.28	Cumple / Successfully
62682	25137	60669	SQUARE BAR 3/8" A-36 20' 1.5T		3	49.30	70110.23	32.30	35.67	50727.75	Cumple / Successfully
66154	26744	60669	SQUARE BAR 3/8" A-36 20' 1.5T		6	48.82	69426.27	32.87	38.08	54160.31	Cumple / Successfully
66154	26746	60669	SQUARE BAR 3/8" A-36 20' 1.5T		3	48.12	69850.01	32.99	38.08	54160.31	Cumple / Successfully
66161	26743	60669	SQUARE BAR 3/8" A-36 20' 1.5T		1	48.71	69268.44	32.97	39.08	55572.30	Cumple / Successfully
66901	26853	60589	FLAT BAR 1 1/4" x 1/8" A-36 20' 2.0T ASTM A6/A36		1	53.59	76206.09	32.52	40.00	56879.06	Cumple / Successfully
66901	26854	60589	FLAT BAR 1 1/4" x 1/8" A-36 20' 2.0T ASTM A6/A36		3	53.67	76318.42	32.89	40.00	56879.06	Cumple / Successfully
67145	31217	60615	ANGLE 1 1/2" x 1 1/2" x 1/4" A36/529-50 20' 2.0T		2	50.05	71175.26	24.40	41.74	59361.77	Cumple / Successfully
67339	31338	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T		1	54.38	77325.16	30.84	42.04	58788.78	Cumple / Successfully
67342	31341	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T		1	53.82	76541.67	30.53	41.91	59566.39	Cumple / Successfully
67342	31342	60621	ANGLE 2" x 2" x 1/4" A36/529-50 20' 2.0T		5	54.70	77788.71	30.61	42.29	60138.15	Cumple / Successfully
57464	24704	60628	ANGLE 3" x 3" x 3/16" A36/529- 50 40' 4.0T		1	53.56	76167.70	29.21	38.12	54211.50	Cumple / Successfully
67337	31362	60628	ANGLE 3" x 3" x 3/16" A36/529- 50 40' 4.0T		2	53.63	76271.50	30.55	44.29	62983.46	Cumple / Successfully
67337	31363	60628	ANGLE 3" x 3" x 3/16" A36/529- 50 40' 4.0T		2	53.63	76271.50	30.55	43.91	62445.96	Cumple / Successfully

PROPIEDADES MECANICAS / MECHANICAL PROPERTIES

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, ASTM A6/A36/A529-50 / We certify that this material has been produced hot-rolled carbon, 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, ASTM A6/A36/A529-50



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