



PERFILES COMERCIALES SIGOSA S.A. DE . C.V.

Calzada Vallejo No. 1361 Local H. Nueva Industrial Vallejo Mexico, D.F. C.P. 07700
Almacén Matamoros Tel. (868)150-1900 al 29 Fax. (868)150-19-53 y 54

Certificado de Calidad de Pruebas Físicas y Químicas (Mill Test Report)

Información del Cliente / Client Information :

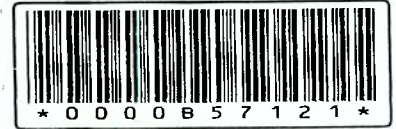
GRUPO COLLADO, S.A. DE C.V.

Fecha / Date: 26/09/2018 15:05 PM

Fecha Impresión / Print Date: 26/09/2018 16:22 PM

Orden / Order: 57257

Certificado / Certificate: B57121



#	SERIE	PRODUCTO	COLADA	GRADO	*LE	*UT	PE	LE/UT	C	Mn	Si	P	S	Cu	Cr	Ni	Mo	Sn	V	Nb	Al	CEQ
#	SERIAL	PRODUCT	HEAT	GRADE	*YS	*TS	%EL	(YS/TS)														
1	1201809143045	ANG 1.5x1.5x0.188 20ft	000000152354	A36/A529-50	50200	71000	29	0.71	.161	.82	.171	.009	.025	.16	.06	.068	.021	.008	.001	.003	.001	.358
2	1201809143064	ANG 1.5x1.5x0.188 20ft	000000152354	A36/A529-50	50200	71000	29	0.71	.161	.82	.171	.009	.025	.16	.06	.068	.021	.008	.001	.003	.001	.358
3	1201809143060	ANG 1.5x1.5x0.188 20ft	000000152354	A36/A529-50	50200	71000	29	0.71	.161	.82	.171	.009	.025	.16	.06	.068	.021	.008	.001	.003	.001	.358
4	2201711211011	ANG 20ft 3x3x1/4	000000172298	A36/A529-50	54700	75840	33	0.72	.196	.874	.198	.02	.027	.396	.109	.172	.037	.019	.001	.003	.001	.442
5	1201805231034B	ANG 1-1/2x1-1/2x0.109 20ft	000000180865	A529-50	58700	85900	30	0.68	.194	.94	.192	.014	.028	.307	.105	.165	.055	.017	.001	.003	.002	.446
6	1201805231034A	ANG 1-1/2x1-1/2x0.109 20ft	000000180865	A529-50	58700	85900	30	0.68	.194	.94	.192	.014	.028	.307	.105	.165	.055	.017	.001	.003	.002	.446
7	1201805231028B	ANG 1-1/2x1-1/2x0.109 20ft	000000180865	A529-50	58700	85900	30	0.68	.194	.94	.192	.014	.028	.307	.105	.165	.055	.017	.001	.003	.002	.446
8	2201808141026	ANG 20ft 3x3x1/4	000000181605	A36/A529-50	51200	73400	30	0.7	.182	.871	.194	.013	.023	.253	.072	.076	.023	.011	.001	.001	.001	.401
9	2201808141027	ANG 20ft 3x3x1/4	000000181605	A36/A529-50	51200	73400	30	0.7	.182	.871	.194	.013	.023	.253	.072	.076	.023	.011	.001	.001	.001	.401
10	2201808141029	ANG 20ft 3x3x1/4	000000181605	A36/A529-50	51200	73400	30	0.7	.182	.871	.194	.013	.023	.253	.072	.076	.023	.011	.001	.001	.001	.401
11	2201808172018	ANG 20ft 4x4x1/4	000000182154	A36/A529-50	52000	78600	30	0.66	.193	.863	.189	.016	.025	.32	.172	.087	.022	.01	.001	.002	.002	.435
12	2201808172019	ANG 20ft 4x4x1/4	000000182154	A36/A529-50	52000	78600	30	0.66	.193	.863	.189	.016	.025	.32	.172	.087	.022	.01	.001	.002	.002	.435
13	2201808172014	ANG 20ft 4x4x1/4	000000182153	A36/A529-50	53600	73900	35	0.73	.199	.888	.184	.015	.024	.319	.18	.086	.023	.011	.001	.001	.003	.446
14	2201808172015	ANG 20ft 4x4x1/4	000000182153	A36/A529-50	53600	73900	35	0.73	.199	.888	.184	.015	.024	.319	.18	.086	.023	.011	.001	.001	.003	.446
15	2201808172013	ANG 20ft 4x4x1/4	000000182153	A36/A529-50	53600	73900	35	0.73	.199	.888	.184	.015	.024	.319	.18	.086	.023	.011	.001	.001	.003	.446
16	2201808172017	ANG 20ft 4x4x1/4	000000182153	A36/A529-50	53600	73900	35	0.73	.199	.888	.184	.015	.024	.319	.18	.086	.023	.011	.001	.001	.003	.446
17	1201809203014	ANG 1-1/2x1-1/2x0.109 20ft	000000182434	A36/A529-50	50300	75400	30	0.67	.177	.897	.196	.019	.026	.373	.114	.107	.026	.013	.001	.003	.003	.419
18	1201809203015	ANG 1-1/2x1-1/2x0.109 20ft	000000182434	A36/A529-50	50300	75400	30	0.67	.177	.897	.196	.019	.026	.373	.114	.107	.026	.013	.001	.003	.003	.419
19	1201809203018	ANG 1-1/2x1-1/2x0.109 20ft	000000182434	A36/A529-50	50300	75400	30	0.67	.177	.897	.196	.019	.026	.373	.114	.107	.026	.013	.001	.003	.003	.419
20	1201809203020	ANG 1-1/2x1-1/2x0.109 20ft	000000182434	A36/A529-50	50300	75400	30	0.67	.177	.897	.196	.019	.026	.373	.114	.107	.026	.013	.001	.003	.003	.419
21	1201809203021	ANG 1-1/2x1-1/2x0.109 20ft	000000182434	A36/A529-50	50300	75400	30	0.67	.177	.897	.196	.019	.026	.373	.114	.107	.026	.013	.001	.003	.003	.419

*Las unidades expresadas en L.E. y U.T son en PSI. La composición química esta expresada en % en peso.

*The units expressed in L.E and U.T are in PSI. The chemical composition is expressed in % in weight.

Certificamos que el producto aquí descrito, cumple y ha sido fabricado, muestreado, probado e inspeccionado de acuerdo con los requisitos aplicables de la especificación:
2013: ASME SA36; ASME SA-6/SA-6M; A36;
2014: ASTM A6/ A6 M-13; A529 / A529M; ASTM A370 - 12a

We certify that the product above mentioned accomplishes and has been manufactured, sampled, tested and inspected in accordance with applicable requirements of specifications:
2013: ASME SA36; ASME SA-6/SA-6M; A36;
2014: ASTM A6/ A6 M-13; A529 / A529M; ASTM A370 - 12a

Gerente de Aseguramiento de Calidad

En SIGOSA S.A DE CV nos comprometemos a satisfacer las expectativas y requerimientos de nuestros clientes, Mediante un sistema de Gestión de Calidad, la mejora continua de nuestros productos, el uso eficiente de los recursos, y la participación individual y de equipo de todo su personal.

FOR-CAL-CAL-001 REV. 4 OCTUBRE 2014.