



**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

Order / Orden: 48199

Certificado / Certificate: B48078

LAMINADORA VISTA HERMOSA, S.A. DE C.V.

Fecha / Date: 18/04/2017 10:05 AM  
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#	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	1201609131029	ANG 20R 1-1/4x1-1/4x0.109	000000162027	A36/A529-50	56100	78900	28	0.71	.179	.857	.188	.012	.03	.234	.114	.11	.037	.01	.001	.002	.002	.407
2	1201609131038	ANG 20R 1-1/4x1-1/4x0.109	000000162027	A36/A529-50	56100	78900	28	0.71	.179	.857	.188	.012	.03	.234	.114	.11	.037	.01	.001	.002	.002	.407
3	1201703021015	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
4	1201703021014	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
5	1201703021016	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
6	1201703021015	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
7	1201703021012	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
8	1201703021016	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
9	1201703021015	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
10	1201703021017	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
11	1201703021025	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
12	1201703021033	ANG 20R 1-1/4x1-1/4x0.109	000000170283	A36/A529-50	53500	75700	34	0.71	.18	.863	.174	.019	.032	.284	.116	.121	.05	.012	.001	.002	.002	.413
13	1201703021028	ANG 20R 1-1/4x1-1/4x0.109	000000170319	A36/A529-50	53600	73300	31	0.73	.173	.88	.177	.022	.028	.373	.135	.113	.028	.017	.001	.003	.002	.414
14	1201703021040	ANG 20R 1-1/4x1-1/4x0.109	000000170319	A36/A529-50	53600	73300	31	0.73	.173	.88	.177	.022	.028	.373	.135	.113	.028	.017	.001	.003	.002	.414
15	1201703021034	ANG 20R 1-1/4x1-1/4x0.109	000000170319	A36/A529-50	53600	73300	31	0.73	.173	.88	.177	.022	.028	.373	.135	.113	.028	.017	.001	.003	.002	.414
16	1201703021035	ANG 20R 1-1/4x1-1/4x0.109	000000170319	A36/A529-50	53600	73300	31	0.73	.173	.88	.177	.022	.028	.373	.135	.113	.028	.017	.001	.003	.002	.414
17	1201703021020	ANG 20R 1-1/4x1-1/4x0.109	000000170319	A36/A529-50	53600	73300	31	0.73	.173	.88	.177	.022	.028	.373	.135	.113	.028	.017	.001	.003	.002	.414
18	1201703021026	ANG 20R 1-1/4x1-1/4x0.109	000000170319	A36/A529-50	53600	73300	31	0.73	.173	.88	.177	.022	.028	.373	.135	.113	.028	.017	.001	.003	.002	.414
19	1201703021010	ANG 20R 1-1/4x1-1/4x0.109	000000170318	A36/A529-50	51600	72100	32	0.72	.187	.89	.178	.021	.032	.359	.137	.128	.03	.015	.001	.004	.002	.431

\*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

*[Signature]*  
 Gerente de Aseguramiento de Calidad

En SIGOSA, SA 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 y el uso eficiente de los recursos, y la participación individual y de equipo de todo su personal.