

PTM-005-7

PROCARSA, S.A. DE C.V.



**CERTIFICADO DE INSPECCION
DE PRUEBAS MECANICAS Y ANALISIS QUIMICO**

INSPECTION CERTIFICATE OF MECHANICAL TESTS AND CHEMICAL ANALYSES

CLIENTE: PLESA ANAHUAC Y CIAS. S.A. DE C.V.

NUMERO:
NUMBER

PTM-07993-2019

CUSTOMER:

PELIDO CLIENTE / P.O.

PELIDO INTERNO / I.O. 0269

FECHA
DATE

ENERO 25, 2019

PARTIDA (S)
ITEMS

80025-10


DIAMETRO EXTERIOR: OUTSIDE DIAMETER:	ESPESOR DE PARED: WALL THICKNESS:	GRABO: GRADE:	PRESSION HIDROSTATICA: HYDROSTATIC TEST:																																																																																																						
6 5/8"	0.432"	ASTM A53-B	193 kg/cm ² 2,740 PSI																																																																																																						
REQUERIMIENTOS DE TENSION / TENSILE TEST REQUIREMENTS	REQUERIMIENTOS DE ANALISIS QUIMICO % EN PESO / CHEMICAL ANALYSES BY PERCENTAGE OF WEIGHT REQUIREMENTS																																																																																																								
<table border="1"> <tr> <th>LMITE ELASTICO / YIELD STRENGTH</th> <th>ULTIMA TENSION / TENSILE STRENGTH</th> <th>% ELONG. 2" / 29 in.</th> <th>LEJOT V STS</th> <th>C</th> <th>Mn</th> <th>P</th> <th>S</th> <th>CB</th> <th>CP+V</th> <th>CP+V+Ti</th> <th>Si</th> <th>Cu</th> <th>Al</th> <th>Ca</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>N</th> <th>CE UW</th> <th>CE Pcm</th> </tr> <tr> <td>60000 PSI MIN.</td> <td>60000 PSI MIN.</td> <td>29 min.</td> <td></td> <td>0.300 max</td> <td>1.200 max</td> <td>0.050 max</td> <td>0.045 max</td> <td>0.045 max</td> <td>0.050 max</td> <td>0.050 max</td> <td>0.040 max</td> <td>0.040 max</td> <td>0.040 max</td> <td>0.040 max</td> <td>0.040 max</td> <td>0.040 max</td> <td>0.150 max</td> <td>0.0061</td> <td>0.0061</td> <td>0.0061</td> </tr> </table>	LMITE ELASTICO / YIELD STRENGTH	ULTIMA TENSION / TENSILE STRENGTH	% ELONG. 2" / 29 in.	LEJOT V STS	C	Mn	P	S	CB	CP+V	CP+V+Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE UW	CE Pcm	60000 PSI MIN.	60000 PSI MIN.	29 min.		0.300 max	1.200 max	0.050 max	0.045 max	0.045 max	0.050 max	0.050 max	0.040 max	0.040 max	0.040 max	0.040 max	0.040 max	0.040 max	0.150 max	0.0061	0.0061	0.0061	<table border="1"> <tr> <th>LMITE ELASTICO / YIELD STRENGTH</th> <th>ULTIMA TENSION / TENSILE STRENGTH</th> <th>% ELONG. 2" / 29 in.</th> <th>LEJOT V STS</th> <th>C</th> <th>Mn</th> <th>P</th> <th>S</th> <th>CB</th> <th>CP+V</th> <th>CP+V+Ti</th> <th>Si</th> <th>Cu</th> <th>Al</th> <th>Ca</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>N</th> <th>CE UW</th> <th>CE Pcm</th> </tr> <tr> <td>56 274</td> <td>64 882</td> <td>39</td> <td>0.87</td> <td>0.122</td> <td>0.78</td> <td>0.014</td> <td>0.007</td> <td>0.001</td> <td>0.302</td> <td>0.004</td> <td>0.277</td> <td>0.020</td> <td>0.044</td> <td>0.0030</td> <td>0.030</td> <td>0.030</td> <td>0.006</td> <td>0.0061</td> <td>0.0061</td> <td>0.0061</td> </tr> </table>	LMITE ELASTICO / YIELD STRENGTH	ULTIMA TENSION / TENSILE STRENGTH	% ELONG. 2" / 29 in.	LEJOT V STS	C	Mn	P	S	CB	CP+V	CP+V+Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE UW	CE Pcm	56 274	64 882	39	0.87	0.122	0.78	0.014	0.007	0.001	0.302	0.004	0.277	0.020	0.044	0.0030	0.030	0.030	0.006	0.0061	0.0061	0.0061																				
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NUM. TUBERIA DESCRIPTION	COLADA HEAT	LMITE ELASTICO YIELD STRENGTH (PSI)	ULTIMA TENSION TENSILE STRENGTH (PSI)	% ELONG. 2" / 29 in.	LEJOT V STS	C	Mn	P	S	CB	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	CE UW	CE Pcm
48B-8 Lc	169219	56 274	64 882	39	0.87	0.122	0.78	0.014	0.007	0.001	0.302	0.004	0.277	0.020	0.044	0.0030	0.030	0.030	0.006	0.0061	0.0061	0.0061

CERTIFICAMOS QUE LA TUBERIA AQUI DESCRITA CUMPLE Y HA SIDO FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO CON LOS REQUISITOS APLICABLES DE LA ESPECIFICACION:

WE CERTIFY THAT THE ABOVE DESCRIBED PIPE HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATION, AND MEETS THE APPLICABLE REQUIREMENTS THEREIN

ASTM A53


ING. ALVARO MARCON CAZARES
JEFE DE LABORATORIO METALURGICO
METALLURGICAL LABORATORY CHIEF