



CUSTOMER:

CLIENTE / P.O.

N/A

pedido interno / I.O.

N/A

PARTIDA (S)

N/A

ITEMS

N/A

FECHA
DATE AGOSTO 19, 2005

LAMIANO
ESPESOR DE PARED
WALL THICKNESS

N/A

GRADO:
GRADE:

N/A

PRESION HIDROSTATICA:
HYDROSTATIC TEST:

N/A

TENSILE TEST

CHEMICAL ANALYSES PERCENT WEIGHT

PARTIDA ITEM	NUM PROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LEULT Y.S.T.S.	CHEMICAL ANALYSES PERCENT WEIGHT																												
							C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N														
1	8-24 Lc	247499	56 101	64 516	38	0.87	0.133	0.82	0.013	0.006	--	--	--	0.130	0.010	0.029	0.0042	0.020	0.030	--	--														
1	10-9 Lc	247500	52 489	62 695	40	0.84	0.124	0.84	0.018	0.006	--	--	--	0.150	0.010	0.029	0.0031	0.020	0.020	--	--														
2	1-8 Lc	147833	59 208	68 089	34	0.87	0.127	0.81	0.014	0.004	--	--	--	0.180	0.020	0.026	0.0026	0.020	0.030	--	--														
3	6-10 Lc	148593	49 113	66 446	33	0.76	0.138	0.79	0.015	0.007	--	--	--	0.150	0.020	0.040	0.0029	0.030	0.040	--	--														
			<table border="1"> <thead> <tr> <th>PARTIDA ITEMS</th> <th>DIMENSIONES SIZE</th> <th>GRADO GRADE</th> <th>PARTIDA ITEM</th> <th>No. PEDIDO P.O.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12" X 12" X 0.250"</td> <td>ASTM A500-B</td> <td>B0589-60</td> <td>13954</td> </tr> <tr> <td>2</td> <td>16" X 16" X 0.375"</td> <td>ASTM A500-B</td> <td>61665-130</td> <td>13955</td> </tr> <tr> <td>3</td> <td>16" X 12" X 0.500"</td> <td>ASTM A500-B</td> <td>62632-220</td> <td>13955</td> </tr> </tbody> </table>		PARTIDA ITEMS	DIMENSIONES SIZE	GRADO GRADE	PARTIDA ITEM	No. PEDIDO P.O.	1	12" X 12" X 0.250"	ASTM A500-B	B0589-60	13954	2	16" X 16" X 0.375"	ASTM A500-B	61665-130	13955	3	16" X 12" X 0.500"	ASTM A500-B	62632-220	13955											
PARTIDA ITEMS	DIMENSIONES SIZE	GRADO GRADE	PARTIDA ITEM	No. PEDIDO P.O.																															
1	12" X 12" X 0.250"	ASTM A500-B	B0589-60	13954																															
2	16" X 16" X 0.375"	ASTM A500-B	61665-130	13955																															
3	16" X 12" X 0.500"	ASTM A500-B	62632-220	13955																															

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 THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:

ASTM

ING. FERNANDO OSORIO PEREZ
GERENTE DE ABEGURAMIENTO DE CALIDAD
QUALITY ASSURANCE MANAGER