

**CERTIFICADO DE CALIDAD
INSPECTION CERTIFICATE
(DIN EN 10204 3.1.B - ISO 10474 3.1.B)**

Vendido a: PIESA ANAHUAC Sold to:	Pedido del Cliente No: 100000399 Customers Order No:	Lista de Empaque: 6913 Packing List:	Fecha/Date: 30 de Julio de 2004
Especificaciones y Grados / Standard or Specification and Steel Grade Seamless Fittings according to ASTM/ASME A53 234 WPC - NACE MR 01.75 ed. 02 - Conform to ASME II Eq. 2001	Dimensiones y tolerancias / Dimension and tolerances ASME B 16.9 and ASME B 16.28 edition 2001	Factura/Invoice: Bocas / Ends Biselado / Bevelled ends	

ART. ITEM	COLADA HEAT CODE	CANTIDA QUANTITY	DESCRIPCION / DESCRIPTION	ESF. CEDENCIA YIELD STRENGTH (Mpa)	ESF. RUPATURA TENSILE STRENGTH (Mpa)	ELONG. %2"	DUREZA HARDNESS HB	DIMENSIONES SAMPLE DIM mm	1 Joules	2 Joules	3 Joules	PROMEDIO AVERAGE Joules
1	SIM6	200	ELLS 4" X 45° SCH-STD.	333	489	35	147					
2	DUS	5	CONC. RED. 6" X 24" SCH-STD.	352	484	33	137					
3	THF6	10	CONC. RED. 10" X 4" SCH-STD.	323	480	44	141					
4	SIY5	50	CONC. RED. 3" X 24" SCH-STD.	337	491	34	141					
5	TGU6	15	CONC. RED. 8" X 4" SCH-STD.	316	481	42	141					
6	TJJ6	5	CONC. RED. 6" X 3" SCH-STD.	315	487	42	141					
7	SZL5	250	ELLS 14" X 90° L.R. SCH-STD.	367	521	51	133					
8	SZL5	100	ELLS 2" X 90° L.R. SCH-STD.	349	491	35	122					
9	SZY5	50	ELLS 24" X 90° L.R. SCH-STD.	331	492	35	129					
10	TGM6	4	RED. TEE 8" X 6" SCH-STD.	319	476	44	141					
11	SHL6	128	ELLS 4" X 90° L.R. SCH-STD.	346	494	33	22					

PROCESO PROCESS	COLADA HEAT CODE	COLADINHEAT M.P./MOTHER PIPE	%C.E.	%C	%Mn	%P	%S	%SI	%Cr	%Cu	%Mo	%Ni	%V	%Nb
HF	SIM6		0.325	0.180	0.800	0.014	0.001	0.270	0.030	0.034	0.010	0.017	0.001	0.001
CF	DUS	95891	0.304	0.170	0.670	0.006	0.002	0.260	0.050	0.075	0.024	0.040	0.000	0.000
CF	THF6	16533	0.331	0.190	0.660	0.008	0.003	0.280	0.060	0.080	0.053	0.040	0.000	0.000
CF	SIY5	22138	0.315	0.180	0.730	0.010	0.001	0.310	0.030	0.050	0.010	0.020	0.001	0.001
CF	TGU6	15954	0.333	0.190	0.690	0.009	0.003	0.280	0.050	0.086	0.046	0.050	0.000	0.000
CF	TJJ6	16729	0.329	0.190	0.700	0.020	0.001	0.270	0.060	0.059	0.023	0.030	0.000	0.000
HF	SZL5	25296	0.324	0.180	0.790	0.010	0.002	0.290	0.030	0.040	0.010	0.020	0.001	0.001
HF	SZL5	25296	0.324	0.180	0.790	0.010	0.002	0.290	0.030	0.040	0.010	0.020	0.001	0.001
HF	SZY5	26122	0.307	0.180	0.720	0.009	0.001	0.030	0.010	0.030	0.010	0.010	0.001	0.001
CF	TGM6	16532	0.318	0.180	0.660	0.007	0.004	0.270	0.060	0.086	0.038	0.040	0.000	0.000
HF	SHL6	30968	0.321	0.180	0.740	0.012	0.001	0.300	0.040	0.058	0.020	0.025	0.001	0.001

ANALISIS QUIMICO / CHEMICAL ANALYSIS

Certificamos que los resultados de los Analisis Quimicos y Pruebas Mecanicas son verdaderos o una copia fiel de los certificados enviados por el fabricante y/o el proveedor de Materia Prima con N°.

We certify that result of chemical analysis and mechanical test are true and correct copy of the test certificate issued by the manufacturer and/or supplier. Raw material cert N°:

201028	02007112	04009739
152476	04011137	04014061
164723	165671	165679
04009594	199018	

Este material cumple con los requerimientos especificados en la orden.
The material of this certificate heat number mentioned above is in compliance with the requirements specified in the order.