

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

Vendido a:	PLESA ANAHUAC	Pedido del Cliente No.:	1019 905	Lista de Empaque:	80 49	Fecha/Date:	21 de Febrero de 2006
Sold to:		Customers Order No.:		Packing List:			
Especificaciones y Grados / Standard or Specification and Steel Grade		Dimensiones y tolerancias / Dimension and tolerances		Factura/Invoice:		Bocas / Ends	
Seamless Fittings according to ASTM A 234-97, A234-02 / ASME AISA 234 WPB -		ASME B 16.9 and ASME B 16.28 edition 2001		Biselado / Bevelled ends			
NACE MR 01.75-2003 - Conform to ASME II Ed. 2001							

ART. ITEM	COLADA HEAT CODE	CANTIDAD QUANTITY	DESCRIPCION / DESCRIPTION	PRUEBAS MECANICAS / MECHANICAL TEST			PRUEBA DE IMPACTO 0°C / IMPACT TEST 0°C			
				ESF. CEDENCIA YIELD STRENGTH (Mpa)	ESF. RUPTURA TENSILE STRENGTH (Mpa)	ELONG. %2"	DUREZA HARDNESS HB	DIMENSIONES SAMPLE DIM mm	1 Joules	2 Joules
1	T25993	2	ELLS 10 X 45 SCH-STD	320	485	42	124			
2	T26740	4	ELLS 10 X 45 SCH-STD	312	474	40	116			
3	T26804	194	ELLS 10 X 45 SCH-STD	332	494	38	107			
4	T25668	3	ELLS 12 X 45 SCH-STD	337	480	44	121			
5	T26569	15	ELLS 12 X 45 SCH-STD	317	486	44	121			
6	SEP6	18	ELLS 2 1/2 X 90 L.R. SCH-STD	340	501	41	141			
7	S24928	8	ELLS 2 1/2 X 90 L.R. SCH-STD	340	500	39	141			
8	S32202	29	ELLS 2 1/2 X 90 L.R. SCH-STD	344	497	50	150			
9	S33676	15	ELLS 2 1/2 X 90 L.R. SCH-STD	341	496	51	113			
10	S33683	30	ELLS 2 1/2 X 90 L.R. SCH-STD	322	483	50	123			
11	S38130	60	ELLS 2 X 90 L.R. SCH-XH	347	489	39	116			

PROCESO PROCESS	COLADA HEAT CODE	COLADAH/HEAT M.P./MOTHER PIPE	ANALISIS QUIMICO / CHEMICAL ANALYSIS											
			%C.E.	%C	%Mn	%P	%S	%SI	%Cr	%Cu	%Mo	%NI	%V	%NB
HF	T25993	25993	0.314	0.180	0.670	0.006	0.002	0.280	0.050	0.071	0.026	0.030	0.000	0.000
HF	T26740	26740	0.307	0.170	0.680	0.007	0.001	0.270	0.060	0.062	0.019	0.050	0.000	0.000
HF	T26804	26804	0.317	0.170	0.680	0.009	0.001	0.280	0.090	0.091	0.031	0.050	0.000	0.000
HF	T25668	25668	0.296	0.160	0.670	0.008	0.003	0.290	0.040	0.075	0.043	0.040	0.000	0.000
HF	T26569	26569	0.305	0.170	0.670	0.009	0.001	0.300	0.050	0.058	0.035	0.040	0.000	0.000
HF	SEP6	24928	0.340	0.200	0.730	0.008	0.001	0.310	0.040	0.050	0.020	0.040	0.001	0.001
HF	S24928	24928	0.334	0.190	0.760	0.007	0.001	0.290	0.040	0.030	0.020	0.040	0.001	0.001
HF	S32202	32202	0.329	0.190	0.300	0.010	0.001	0.300	0.400	0.044	0.020	0.021	0.001	0.001
HF	S33676	33676	0.344	0.190	0.800	0.007	0.002	0.320	0.040	0.042	0.040	0.020	0.002	0.001
HF	S33683	33683	0.316	0.170	0.790	0.015	0.001	0.310	0.040	0.040	0.010	0.018	0.001	0.001
HF	S38130	38130	0.313	0.180	0.710	0.009	0.001	0.280	0.030	0.043	0.020	0.022	0.001	0.001

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 conforme ASTM A106Grades 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 certs conform to ASTM A106 Grade B N°: 06000051 06001834 06002795 05027288 06000744 158103 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.