



TECNO CORPORATIVO INDUSTRIAL SA DE CV
 Lazaro Cardenas 30-A int-1
 San Jeronimo Tepetlaco
 Tlalnepan, Estado de México C.p. 54090
 Tels: +(5255) 85018226 al 28 Fax: 85018229
 E=Mail: ventasbridamex@yahoo.com
www.tcfittings.com



REPORTE DE PRUEBAS NUMERO:
TEST REPORT NUMBER:
 CERTIFICADO SERIE / CERTIFICATE SERIES:
MTR-TCI-AV-2330

CERTIFICADO DE INSPECCION / INSPECTION CERTIFICATE / EN 10204: 2004 - 3.1.

NOMBRE DEL CLIENTE / CLIENT NAME: PLESA ANAHUAC Y CIAS, S.A. DE C.V.		ORDEN DE COMPRA / P.O.NUM. 13440	PED-ORP CPEH-0109	REFERENCIA / REFERENCE	FECHA / DATE: lunes, 13 de agosto de 2012	Código Formato: MHTCI-0812																
TIPO DE MATERIAL / MATERIAL TYPE: ASTM A 234/A234M-WPB-10, ASME A/SA234 / NACE-MR-01-75-2003 / ISO 15156-2003																						
ANSI B16.25 / ASME B16,25-03 // ASME Boiler & Pressure Vessel Code SECC II, Part A 2010 Addenda 2011				TRATAMIENTOS TERMICOS / HEAT TREATMENTS NORMALIZED 940°C AND ALLOWED TO COOL IN STILL AIR / NORMALIZADO A 940°C Y ENFRIADO AL AIRE CALMADO																		
DESCRIPCION DEL ARTICULO / DESIGNATION OF ARTICLE: HOT FORMED / FORMADO EN CALIENTE / 620°C - 980°C				MATERIA PRIMA / BASE MATERIAL MILL HEAT SUPPLIER No. 830145																		
3	2	24" X 90 DEG.	ELBOW BW LR SCH XS	ANSI/ASME B16.9-07 WPB SEAMLESS	MILL HEAT SUPPLIER No. 830145	830145																
4	1	24" X 45 DEG.	ELBOW BW LR SCH XS	ANSI/ASME B16.9-07 WPB SEAMLESS	MILL HEAT SUPPLIER No. 830145	830145																
5	1	24" X 18"	CONC RED BW SCH XS	ANSI/ASME B16.9-07 WPB SEAMLESS	MILL HEAT SUPPLIER No. 965426	965426																
6	2	24" X 20"	CONC RED BW SCH XS	ANSI/ASME B16.9-07 WPB SEAMLESS	MILL HEAT SUPPLIER No. 911054	911054																
% COMPOSICION QUIMICA / % CHEMICAL COMPOSITION:																						
	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	SN	AL	Nb	V	Ti	Co	As	Sb	H ppm	N	CEQ	Cr+Mo	(1*)
3	0.160	0.830	0.19	0.012	0.004	0.04	0.05	0.030	0.14			0.002	0.009							0.327	0.070	0.269
4	0.160	0.830	0.19	0.012	0.004	0.04	0.05	0.030	0.14			0.002	0.009							0.327	0.070	0.269
5	0.150	0.840	0.24	0.011	0.002	0.1	0.1	0.050	0.15			0.003	0.012							0.339	0.150	0.412
6	0.180	0.870	0.26	0.016	0.004	0.21	0.08	0.030	0.14			0.002	0.004							0.388	0.240	0.464
PRUEBAS DE TENSION / TENSILE TEST							PROPIEDADES MECANICAS / MECHANICAL PROPERTIES:							PRUEBAS DE IMPACTO / IMPACT TEST								
No. PRUEBA / TEST No.	Dimension del Especimen / Specimen dimension	Dirección	Temperatura	RESISTENCIA Tensiler / Strength (Mpa) / Ksi	LIMITE ELASTICO / Yield Point (Mpa) / Ksi	Elong.-A (Min)	Red. of Area	No. PRUEBA / TEST No.	Temperatura	Dirección	Resiliencia / KV Energy J	Promedio / Average	Expansión Lateral / Lateral expansion	Fractura / Fracture	DUREZA / Hardness							
3	830145	LONG.		456	325	45									197 MAX							
4	830145	LONG.		456	325	45									143							
5	965426	LONG.		491	329	33.7									143							
6	911054	LONG.		509	318	45									150							
NOTA / NOTE: 1)Cr+Ni+Mo+Cu+V / NO WELDING HAS BEEN PERFORMED // THIS PRODUCT IS FREE FROM MERCURY AND RADIOACTIVE FOR EACH REDUCTION OF 0.01 % BELOW THE SPECIFIED CARBON MAXIMUM (0.35 %), AND INCREASE OF 0.06 % MANGANESE ABOVE THE SPECIFIED MAXIMUM (1.05 %) WILL BE PERMITTED UP TO A MAXIMUM OF 1.35 %																						
MARCADO / MARKING: VX VX FLANGES & FITTINGS ©				QA TCI / Inspectores autorizados / Authorized Works Inspector:				Ing. Jorge Ortiz / Ing. Andres Lira / Ing. Rafael Eguia				Digitalizado / Digitized: JOE-02230										

Certificamos que todos los resultados de pruebas e información de proceso y procedimientos asentados en el presente, son correctos y verdaderos, concordando con los Registros de soporte técnico, Aseguramiento de calidad y Sistema de Gestión de la Calidad. / We here by certify that all test results and process information contained here in, are true and correct in accordance with in all the records of technical support, QA management and the company quality management system. (EMPRESA CERTIFICADA SEGUN LA NORMA NMX-CC-9001-IMNC-2008/ ISO 9001:2008 para las actividades siguientes: FABRICANTE DE BRIDAS Y CONEXIONES / certified company for the following activities: MANUFACTURING PROCESS OF FLANGES AND FITTINGS.)

