



U.S. STEEL GROUP
A. division of USX Corporation

TUBULAR PRODUCTS
INSPECTION CERTIFICATE
(TYPE - IN ACCORDANCE WITH ISO 10474 / EN10204 / DIN50049)

DATE: 08/08/05
TIME: 11:28:38 **USX**

MILL ORDER/ITEM NO. 602711/001	SHIPPERS NO.	P.O. NUMBER 631990868	VEHICLE	METERS DELIVERED: 73.5 MI.
SOLD ADDRESS MARMONE KEYSTONE CORP. PO BOX 791 BUTLER PA 16003-0791		MAIL TO ADDRESS MARMONE KEYSTONE CORP. PO BOX BUTLER PA 16003-0791		VENDOR USS TUBULAR PRODUCTS 1807 EAST TH ST LORAIN, OH 44055

TUBOS Y BARRAS HUECAS
DE MEXICO, S.A. DE C.V.
CLIENTE: **SURHORC**

24 MAYO 2010
PEDIDO: **253151**
CANTIDAD: **6.35m**

DESCRIPTION AND GRADE
PIPE CARBON SMLS STD PEPE API 5L-40TH EDITION DTD 11/1/92 GRADE B ASTM A53-93 GRADE B ASME SA53-1995 EDITION 1995 ADDENDUM GRADE B ASTM A106-93 GRADE B/C ASME SA106-1992 EDITION 1993 ADDENDUM GRADE B/C BLK REG MILL COAT PE BEV 30 DEG MEETING ALL THE APPLICABLE REQUIREMENTS OF NACE STANDARD MR-01-75

MATERIAL COND.: AS ROLLED		O.D.: 12.750 (323.90)		in (mm)		WALL 1.125 (28.58)		in (mm)		
PRODUCT IDENTIFICATION	TENSILE TEST TYPE/ ORIENTATION	TEST COND.	GAUGE WOTH IN	YIELD	EXT %	TENSILE	Y/T	ELONG%	HARDNESS	MIN HYDRO PSI
				MPa	.50	MPa		2"	SCALE: HRB	
42409	STRIP/T/B	AR	1.500	MIN: 291.3		MIN: 487.9	MAX:	MIN: 29.92	MIN: 22	2800
				MAX: 354.8	.50	MAX: 449.2	0.65	MAX: 27.36	MAX: 25.86	

LEGEND: L - LONGITUDINAL U - UPSET T - TRANSVERSE N - NORMALIZED QT - QUENCHED & TEMPERED SR - STRESS RELIEVED AR - AS ROLLED B - BODY W - WELD

PRODUCT IDENTIFICATION	TYPE	C X100	MN X100	P X1000	S X1000	SI X100	CU X100	NI X100	CR X100	MO X100	AL	N	V X1000	TI	CE	CO
42409	HEAT	22	46	8	22	21	10	7	8	0			0		0.25	
	PROD	20	44	9	20	21	9	6	8				0		0.23	

PLEASA ANAHUAC Y CIA S. S.A. DE C.V.

CE IS BASED ON THE FOLLOWNG EQUATION(S):

CONTROL DE CALIDAD

FECHA 25 May 2010
E9109

FIRMA E. RUIZ

DECIMAL POSITIONS FOR ELEMENTS ARE INDICATED BY THE LEFT MARGIN, VERTICAL DOTTED LINE OR DECIMAL POINT



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PRODUCT IDENTIFICATION		FLAT	BEND	GRAIN SIZE	MIN COLLAPSE	DIR	TEST LOC	TEMP	SIZE	TEST COND	FT-LSS		% SHEAR						
42409		OK									1	2	3	AVG	1	2	3	AVG	
LEGEND: * L - LONGITUDINAL T - TRANSVERSE B - BODY W - WELD HAZ - HEAT AFFECTED ZONE																			
TESTING / INSPECTION INFORMATION																			
TEST / INSPECTION			YES	RESULTS / COMMENTS															
FULL LENGTH VISUAL			X																
FULL LENGTH EMI			X	OD X	OD/ID	L X	LT												
FULL LENGTH MPI																			
FULL LENGTH UT				OD X	OD/ID	L X	LT												
END AREA INSPECTION (PLAN END)				MPI	UT														
SPECIAL END AREA (SEA) INSP.				MPI	UT														
FULL LENGTH DRIFT				DRIFT MANDREL SIZE															
ADDITIONAL NOTES / COMMENTS																			
ALL MELTING AND MANUFACTURING LOOK PLACE IN THE USA, NO REPAIRS BY WELDING. NO MERCURY OR MERCURY COMPOUNDS AREA ADDED TO THE STEEL AND ALL MERCURY BEARING EQUIPMENT IS PROTECTED BY DOUBLE BOUNDARY																			

THIS IS TO CERTIFY THAT THE PRODUCT DESCRIBED HEREN WAS MANUFACTURED SAMPLE, TESTED AND/OR INSPECTED IN ACCORDANCE WITH THE SPECIFICATION AND FULFILLS THE REQUEREMENTS IN SUCH RESPECTS.

PREPARED BY THE OFFICE OF: **D.S. DABKOWSKI MGR. MET. & Q.A. USS TUBULAR PRODUCTS**