



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

TUBULAR PRODUCTS
INSPECTION CERTIFICATE
(TYPE - IN ACCORDANCE WITH ISO 10474 / EN10204 / DIN60049)

DATE: 19/08/07
TIME: 17:31:14 **USX**

MILL ORDER/ITEM NO. 631990868	SHIPPERS NO. 68569706-69	P.O. NUMBER 602711/001-4	VEHICLE 4/1262	METERS DELIVERED: 850.00 Mt.
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

DESCRIPTION AND GRADE

PIPE CARBON SMLS STD PEPE API 5L-*40TH EDITION DTD 11/1/92 GRADE B ASTM A53-*93^a 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.: 8.625 (219.100)	In (mm)	WALL 0.719 (18.260)	In (mm)
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PRODUCT IDENTIFICATION	TENSILE TEST TYPE/ ORIENTATION	TEST COND.	GAUGE WOTH IN	YIELD	EXT 1/2"	TENSILE	Y/T	ELONG%	HARDNESS	MIN HYDRO
				PSI	.50	PSI		2"	SCALE: HRB	PSI
				MIN: MAX:		MIN: MAX:	MAX: 0.65	MIN:	MIN: MAX:	2800
51388	STRIP/T/B	AR		338.0	.50	461.8		31.06		

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	MN	P	S	SI	CU	NI	CR	MO	AL	N	V	Ti	CE	CO
51388	HEAT PROD	18	52	14	33	34	10	7	11	0			0		0.28	
51388	PROD	19	52	14	35	34	9	7	11	0			0		0.27	
51388	PROD	19	52	14	35	34	9	7	11	0			0		0.27	

CE IS BASED ON THE FOLLOWING EQUATION(S9):



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PRODUCT IDENTIFICATION	FLAT	BEND	GRAIN SIZE	MIN COLLAPSE	DIR	TEST LOC	TEMP	SIZE	TEST COND	FT-LSS				% SHEAR				
										1	2	3	AVG	1	2	3	AVG	
51388	OK																	
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	L/T											
FULL LENGTH MPI																		
FULL LENGTH UT				OD X	OD/ID	L X	L/T											
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