



U. S. STEEL GROUP
A division of USX Corporation

**TUBULAR PRODUCTS
CERTIFIED TEST REPORT**

(TYPE B - IN ACCORDANCE WITH ISO 10474 / EN10204 / DIN50048)

DATE: 30/08/07
TIME: 08:28:28

USX™

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BILL ORDER/ITEM NO BR80875 02	SHIPPER'S NO. T90875	NO. NUMBER 85-01711	VENDOR'S AB10703PA
SOLD TO ADDRESS HARMON KEYSTONE CORP P O BOX 375 SOUTHAMPTON MA 01073-0375		SHIP TO ADDRESS HARMON/KEYSTONE CORP ONE CLARK ST SOUTHAMPTON MA 01073	
LEASER USS TUBULAR PRODUCTS 1807 EAST 28TH ST. LORAIN, OH 44085			CLIENTE DE INGENIERIA DE C.V. PLESA LOS RIOS 30 AGO 2011 PEDIDO: 275367 CANTIDAD: 72,728

PIPE CARBON SMLS STD PIPE API 5L - *41ST EDITION DTD 4/1/95 ASTM A53 - *95 ASTM A106 - *94A GRADE B TRIPLE
 STENCIL ASME SA53 - *1992 EDITION 1994 ADDENDUM ASME SA106 - *1992 EDITION 1994 ADDENDUM GRADE B BLK RES
 MILL COAT PE 5C

MATERIAL COND: AS ROLLED OR 10.750 (273.100) in (mm) WALL 0.719 (18.26) in (mm)

PRODUCT IDENTIFICATION	TEST TYPE / ORIENTATION	TEST COND.	GRID WIDTH IN	YIELD		TENSILE		Y/T	ELONG %		HARDNESS HRB	MIN HYDRO PSI	GRIND (SD)
				MIN	MAX	MIN	MAX		MIN	MAX			
AZ3152	STRIP/T/B	AR	1.000	35000	48800	50000	59500	0.70	29.5	51.0	100.0	2200	5
** END OF DATA THIS SHEET **													

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

PRODUCT IDENTIFICATION	TYPE	C												S	T	D	E	G
		G	MR	F	S	ST	Q1	#	QR	NO	AL	R	V					
AZ3152	HEAT	17	104	008	008	25	01	02	04	01	029	001						
AZ3152	PROD	19	103	008	009	26	01	02	04	02	027	001						
AZ3152	PROD	19	103	009	009	24	01	02	04	02	025	001						
** END OF DATA THIS SHEET **																		

BL 9/3/06

*C IS BASED ON THE FOLLOWING EQUATIONS:

10 C.100



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MILL ORIGINATOR NO. DR80375 02		SHIPMENTS NO. 170576		PG. NUMBER 95-01711																											
MATERIAL COND. AS ROLLED				OD: 10.750 (273.100)		WALL: 0.719 (18.26)																									
PRODUCT IDENTIFICATION		FLAT	BEND	GRAIN SIZE	WALL COLLAPSE	CHARPY V BENCH / IMPACT TESTING																									
AZ3302		OK				<table border="1"> <thead> <tr> <th colspan="4">FT. LBS.</th> <th colspan="4">% SHEAR</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>AVG.</th> <th>1</th> <th>2</th> <th>3</th> <th>AVG.</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		FT. LBS.				% SHEAR				1	2	3	AVG.	1	2	3	AVG.								
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** END OF DATA THIS SHEET **																															
LEGEND: L - LONGITUDINAL		T - TRANSVERSE		B - BODY		W - WELD																									
						HAZ - HEAT AFFECTED ZONE																									
TEST / INSPECTION				YES		RESULTS / COMMENTS																									
FULL LENGTH VISUAL				X																											
FULL LENGTH EMI						OD _____ COAD _____ L _____ UT _____																									
FULL LENGTH MPI				X		OD _____ COAD _____ L _____ UT _____																									
FULL LENGTH UT						OD _____ COAD _____ L _____ UT _____																									
END AREA INSPECTION (PLAIN END)						MPI _____ UT _____																									
SPECIAL END AREA (SEA) INSP						MPI _____ UT _____																									
FULL LENGTH DRIFT						DRIFT MANDREL SIZE: _____																									
ADDITIONAL NOTES/COMMENTS																															
ALL MELTING AND MANUFACTURING TOOK PLACE IN THE USA. NO REPAIRS BY WELDING. NO MERCURY OR MERCURY COMPOUNDS ARE ADDED TO THE STEEL AND ALL MERCURY BEARING EQUIPMENT IS PROTECTED BY A DOUBLE BOUNDARY OF CONTAINMENT.																															

36-27327

This report, to which this stamp is affixed, is a copy of the original supplier's test report. There is indicated, not only the complete identification of this material but also the kind of tests made in accordance with specification requirements. If several items are shown in this report, those items which are shipped to you are checked (✓) as being pertinent. We certify herewith that the material supplied to you is completely identifiable by this document.

Case No. 1428

USX Order No. 85-65786

Date 1-20-99

MARION KEYSTONE CORPORATION

Signed [Signature]

FOR THE QUALITY CONTROL DEPARTMENT

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

PREPARED BY THE OFFICE OF
**F. J. NIKULSKI MGR. MET. &
Q. A. USS TUBULAR PRODUCTS**

DATE 30/08/07