



UNITED STATES STEEL

TUBULAR PRODUCTS
CERTIFIED TEST REPORT
(TYPE B - IN ACCORDANCE WITH ISO 10474/EN10204/DIN50043)

DATE: 09/23/09
TIME: 05:52:49

MILL ORDER/ITEM NO. TU05720 01	SHIPPERS NO. R55479	P.O. NUMBER C05699	VEHICLE I.D. LT8265
SOLD TO ADDRESS TUBOS Y BARRAS HUECAS SA DE CV HENRY FORD NO 1 Y 7 FRACC INDUSTRIAL SAN NICOLAS TLALNEPANTLA EM 54000 MX		MAIL TO ADDRESS TUBOS Y BARRAS HUECAS SA DE CV HENRY FORD NO 1 Y 7 FRACC INDUSTRIAL SAN NICOLAS TLALNEPANTLA EM 54000 MX	
VENDOR USS TUBULAR PRODUCTS 2199 EAST 28TH ST. LORAIN, OH 44055			

71255 2081102
10123
260108
126128

SPECIFICATION AND GRADE
PIPE CARBON SMLS STD PIPE API 5L-*42ND EDITION DATED 1/00 PSL-2 GRADE B AND GRADE X42 ASTM A53-*01 ASTM A106-*99 GRADE B QUAD STENCIL ASME SA53-*2001 EDITION ASME SA106-*2001 EDITION GRADE B BLK REG MILL COAT PE BEV 30 DEG MEETING ALL THE APPLICABLE REQUIREMENTS OF NACE STANDARD MR-01-75 *2002

MATERIAL COND: AS ROLLED
O.D.: 10.750 (273.100) in (mm) WALL: 0.594 (15.090) in (mm)

PRODUCT IDENTIFICATION	TENSILE TEST TYPE/ ORIENTATION	TEST COND.	GAUGE WIDTH IN	YIELD PSI		EXT %	TENSILE PSI		Y/T	ELONG % (IN 2")	HARDNESS SCALE: HRB	MIN HYDRO PSI	DWELL (SEC)
				MIN:	MAX:	.50	MIN:	MAX:	MIN:	MAX:	MIN:	MAX:	
881868 881871	STRIP/T/B	AR	1.500	42000	65000	.50	70000	110000	0.61	30.0	99.0	1980	5
		**	END OF DATA THIS SHEET	46400		.50	76000			44.0	B 82.3	1980	5

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 E *																
		C	MN	P	S	SI	CU	NI	CR	MO	AL	N	V	B	TI	CB	CO	MAX
881868	HEAT	.19	1.05	015	002	.24	.02	.02	.06	.01	.032		.001		.001			.43
881868 881871	PROD	.19	1.07	013	004	.21	.02	.02	.07	.02	.039		.003		.001			.38
881868 881871	PROD	.20	1.07	013	005	.21	.02	.02	.07	.02	.040		.003		.001			.39
			**	END OF DATA THIS SHEET	**													.40

*C.E. IS BASED ON THE FOLLOWING EQUATION(S): CE=C+(MN/6)+(CR+MO+V)/5+ (NI+CU)/15

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



UNITED STATES STEEL

TUBULAR PRODUCTS
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DATE: 09/23/09
 TIME: 05:52:49

MILL ORDER/ITEM NO. TU05720 01		SHIPPERS NO. R55479		P.O. NUMBER C05699		0010535													
MATERIAL COND: AS ROLLED				O.D.: 10.750 (273.100)		In (mm) WALL: 0.594 (15.090)		In (mm)											
PRODUCT IDENTIFICATION		FLAT	BEND	GRAIN SIZE	MIN COLLAPSE	CHARPY V-NOTCH IMPACT TESTING													
						DIR	TEST LOC.	TEMP	SIZE	TEST COND.	FT-LBS		% SHEAR						
											1	2	3	AVG	1	2	3	AVG	
881868 881871		OK			** END OF DATA	T	B	+ 32	FULL	AR	168	172	170	170	100	100	100	100	
						DEG F THIS SHEET													
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 <u>X</u> OD/ID <u> </u> L <u> </u> L/T <u>X</u> 10.0% NOTCH															
FULL LENGTH MPI																			
FULL LENGTH UT				OD <u> </u> OD/ID <u> </u> L <u> </u> L/T <u> </u>															
END AREA INSPECTION (PLAIN END)				MPI <u> </u> UT <u> </u>															
SPECIAL END AREA (SEA) INSP.				MPI <u> </u> UT <u> </u>															
FULL LENGTH DRIFT				DRIFT MANDREL SIZE:															
ADDITIONAL NOTES/COMMENTS																			
MELTED AND MANUFACTURED 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. PIPE ALSO MEET THE REQUIREMENTS OF ASTM A106 GRADE C & ASME SA106 GRADE C																			

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: S. ANADELL - MANAGER, Q.A.

DATE 09/23/09