



UNITED STATES STEEL

TUBULAR PRODUCTS
CERTIFIED TEST REPORT
(TYPE B - IN ACCORDANCE WITH ISO 10474/EN10204/DIN5004)

DATE: 09/24/08
TIME: 11:04:29

MILL ORDER/ITEM NO. TU08778 01	SHIPPER'S NO.	P.O. NUMBER C09899	VEHICLE I.D.
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 19 A60 200 2199 EAST 28TH ST LORAIN, OH 44055		IDENT: 10129 EDDO: 257838 CANTIDAD: 1397.8	

SPECIFICATION AND GRADE

PIPE CARBON SMLS STD PIPE API 5L-X42ND EDITION DATED 1/00 PSL-2 GRADE B AND GRADE X42 ASTM A53-X01 ASTM A106-X99 GRADE B QUAD STENCIL ASME SA53-X2001 EDITION ASME SA106-X2001 EDITION GRADE B BLK REG MILL COAT PE BEV 30 DEG MEETING ALL THE APPLICABLE REQUIREMENTS OF NACE STANDARD MR-01-75 X2002

MATERIAL COND: AS ROLLED O.D.: 8.625(219.075) in (mm) WALL: 0.500 (12.700) in (mm)

PRODUCT IDENTIFICATION	TENSILE TEST TYPE/ ORIENTATION	TEST COND.	GALIGE W/OTH IN	YIELD		TENSILE		Y/T	ELONG %		HARDNESS SCALE: HRB	MIN HYDRO PSI	DWELL (SEC)
				MIN: PSI	EXT %	MIN: PSI	MAX:		(IN 2")	MIN:			
Y106631 284697	STRIP/T/B	AR	1.500	MIN: 42000 MAX: 65000	.50	MIN: 70000 MAX: 110000	MAX:	0.65	MIN: 30.0 MAX: 49.0		MIN: 1890 MAX: 1890	5	
** END OF DATA THIS SHEET **													

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
Y106631	HEAT	.19	105	011	007	24	05	05	08	02	030	001			001			.43
Y106631 284697	PROD	.19	106	012	007	22	04	03	08	02	036	002			001			.40
Y106631 284697	PROD	.20	106	011	007	22	04	03	08	02	038	002			001			.40
** END OF DATA THIS SHEET **																		

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

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

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UNITED STATES STEEL

TUBULAR PRODUCTS
 CERTIFIED TEST REPORT
 (TYPE B - IN ACCORDANCE WITH ISO 10474/EN10204/DIN50048)

DATE: 09/24/08
 TIME: 11:04:29

MILL ORDER/ITEM NO. TU0877B 01		SHIPPER'S NO.		P.O. NUMBER C95699																																	
MATERIAL COND: AS ROLLED				O.D.: 8.625(219.075)				In (mm) WALL: 0.500 (12.700)				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											
Y106631 284697				OK				** END OF DATA		THIS SHEET		**		T B		+ 32		FULL		AR		91		93		86		90		30		30		30		30	
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>X</u> L/T <u> </u> 10.0% NOTCH																									
FULL LENGTH MPI												OD <u> </u> OD/ID <u> </u> L <u> </u> L/T <u> </u>																									
FULL LENGTH UT												MPI <u> </u> UT <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: <u> </u>																									
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 09/24/08