



UNITED STATES STEEL

TUBULAR PRODUCTS
 CERTIFIED TEST REPORT
 (TYPE B - IN ACCORDANCE WITH ISO 10474/EN10204/DIN50049)

DATE: 09/30/09
 TIME: 06:59:13

Handwritten notes:
 9/25/09
 AD BHO SC
 262192
 69629

MILL ORDER/ITEM NO. TU05785 01	SHIPPERS NO. R55458	P.O. NUMBER C05697	VEHICLE I.D. LT8165
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			

SPECIFICATION AND GRADE

PIPE CARBON SMLS STD PIPE API 5L-*42ND EDITION DATED 1/00 PSL-1 GRADE B AND GRADE X42 ASTM A53-*01 ASTM A106-*99 GRADE B QUAD STENCIL ASME SA53-*2001 EDITION ASME SAI06-*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	EXT %	TENSILE	Y/T	ELONG %	HARDNESS	MIN HYDRO	DWELL (SEC)
				PSI	.50	PSI		(IN 2")	SCALE: HRB	PSI	
0881867	STRIP/T/B	AR	1.500	MIN: 42000 MAX: 50000	.50	MIN: 70000 MAX: 73000	0.69	MIN: 30.0 MAX: 48.0	MIN: 99.0 MAX: B 84.0	2170	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	MN	P	S	SI	CU	NI	CR	MO	AL	N	V	B	TI	CB	CO	CE*	
																		MAX	
0881867	HEAT	.20	106	010	005	.24	02	02	06	01	028		005			001		.40	
0881867	PROD	.21	110	009	005	.22	01	02	07	02	030		001			001		.41	
0881867	PROD	.21	108	008	006	.21	01	02	06	02	031		001			001		.40	
				** END OF DATA THIS SHEET **															

*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
 CERTIFIED TEST REPORT
 (TYPE B - IN ACCORDANCE WITH ISO 10474/EN10204/DIN50049)

DATE: 09/30/09
 TIME: 06:59:13

MILL ORDER/ITEM NO. TU05785 01		SHIPPERS NO. R55458		P.O. NUMBER C05697		0010662									
MATERIAL COND: AS ROLLED				OD: 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
0881867	OK			** END OF DATA THIS SHEET **	NEG										
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 _____		L <u>X</u>		L/T _____			10.0% NOTCH			
FULL LENGTH MPI															
FULL LENGTH UT			OD _____		OD/ID _____		L _____		L/T _____						
END AREA INSPECTION (PLAIN END)			MPI _____		UT _____										
SPECIAL END AREA (SEA) INSP.			MPI _____		UT _____										
FULL LENGTH DRIFT			DRIFT MANDREL SIZE:												
ADDITIONAL NOTES/COMMENTS															
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 SAI06 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 09/30/09



UNITED STATES STEEL

TUBULAR PRODUCTS
 CERTIFIED TEST REPORT
 (TYPE B - IN ACCORDANCE WITH ISO 10474/EN10204/DIN50049)

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			

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		EXT %	TENSILE		Y/T	ELONG % (IN 2")	HARDNESS SCALE: HRB	MIN HYDRO PSI	DWELL (SEC)
				MIN: PSI	MAX: PSI		MIN: PSI	MAX: PSI					
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 **							**			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	MN	P	S	SI	CU	NI	CR	MO	AL	N	V	B	TI	CB	CO	C.E.*
		881868	HEAT	.19	.105	.015	.002	.24	.02	.02	.06	.01	.032		.001			.001
881868 881871	PROD	.19	.107	.013	.004	.21	.02	.02	.07	.02	.039		.003			.001		.38
881868 881871	PROD	.20	.107	.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
 CERTIFIED TEST REPORT
 (TYPE B - IN ACCORDANCE WITH ISO 10474/EN10204/DIN50048)

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				DEG F													
				** END OF DATA		T	B	+ 32	FULL	AR	168	172	170	170	100	100	100	100	
						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: <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.

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