



UNITED STATES STEEL

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

DATE: 03/11/08
TIME: 10:24:05

Handwritten notes and stamps including '23 MAYO 2011' and 'CANTIDAD: 24.78'.

Table with 4 columns: MILL ORDER/ITEM NO., SHIPPERS NO., P.O. NUMBER, VEHICLE I.D., INVOICE NO. and Vendor information.

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.: 8.625(219.075) in (mm) WALL: 0.322 ( 8.178) in (mm)

Table with columns for PRODUCT IDENTIFICATION, TEST TYPE/ ORIENTATION, TEST COND., GAUGE WIDTH, YIELD, EXT %, TENSILE, Y/T, ELONG %, HARDNESS, MIN HYDRO, DWELL (SEC).

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

Table with columns for PRODUCT IDENTIFICATION, TYPE, and various chemical elements (C, MN, P, S, SI, CU, NI, CR, MO, AL, N, V, B, TI, CB, CO, CE.\*).

\*C.E. IS BASED ON THE FOLLOWING EQUATION(S): C.E. = C + MN/6 + (CR+MO+ V)/5 + (CU+NI)/15 < 0.43



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MILL ORDER/ITEM NO. TU06280 01		SHIPPERS NO. P84333		P.O. NUMBER C06511		INVOICE NO 0413611												
MATERIAL COND: AS-ROLLED				O.D.: 8.625(219.075)				WALL: 0.322 ( 8.178)				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
						DEG F				10	10	10	14					
9102875	OK					T	B	+ 32	2/3	AR	22	27	32	27				
9102872	OK					T	B	+ 32	2/3	AR	33	27	32	31				
9102872						T	B	+ 32	2/3	AR	33	38	36	36				
9102872						T	B	+ 32	2/3	AR	33	38	36	36				
** END OF DATA 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 _____ OD/ID <u>X</u> L _____ L/T <u>X</u> 10.0/10.0% NOTCH												
FULL LENGTH MPI																		
FULL LENGTH UT						OD _____ OD/ID _____ L _____ L/T _____												
END AREA INSPECTION (PLAIN END)				X		MPI <u>X</u> UT _____												
SPECIAL END AREA (SEA) INSP.						MPI _____ UT _____												
FULL LENGTH DRIFT						DRIFT MANDREL SIZE:												
ADDITIONAL NOTES/COMMENTS																		
<p>ALL MELTING AND MANUFACTURING TOOK PLACE IN THE USA.          MANUFACTURED IN AN ISO 9001 CERTIFIED FACILITY - CERTIFICATE #30727.          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.          01 MILL          *NOTE A SEE ATTACHED REPORT FOR TENSILE RESULTS. *NOTE B SEE ATTACHED REPORT FOR TENSILE RESULTS.          *NOTE C SEE ATTACHED REPORT FOR HARDNESS RESULTS.          ALSO MEETS THE REQUIREMENTS OF ASTM A106-99/ASME SA106-1998 ED. 1999 GRADE C.          MATERIAL WAS HOT FINISHED - NO HEAT TREATMENT.          ** END OF DATA **</p>																		

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: J. T. CLAYTON, MANAGER, Q.A.

DATE 03/11/08