



UNITED STATES STEEL

TUBULAR PRODUCTS
CERTIFIED TEST REPORT
(TYPE B - IN ACCORDANCE WITH ISO 1474/EN10204/DIN50048)

DATE: 03/05/00
TIME: 11:42:15

ORDER/ITEM NO. TUB5770 01	SUPPLIER NO. PS1003	EQ NUMBER L35599	AS-ROLLED NS192928	INVOICE NO. B480009
BILL TO ADDRESS TLALNEPANTLA EM MA		BILL TO ADDRESS TLALNEPANTLA MA		VENUE LSS TUBULAR PRODUCTS LSS FAIRFIELD WORKS P.O. BOX 569 FAIRFIELD ALABAMA 36504

26 VISA
2003/7
6/1/00

SPECIFICATION AND TRADE
PIPE CARBON SM.S 570 PIPE API 5L-X42ND EDITION DATED 1/02 PSI 2 GRADE B AND GRADE X42 ASTM A53 (B) ASTM A106 X99 GRADE B QUAD STENCIL ASME SA53-X2001 EDITION, ASME SA 60-X2001 EDITION GRADE B BLK 305 MILL. COAT PE BEV 90 DEG MEETING ALL THE APPLICABLE REQUIREMENTS OF FACE STANDARD MS-01-75 X2002

MATERIAL SPEC: AS-ROLLED
IDR: B.625(24.075)
MINOR WALL: 8.906 (23.010)

PRODUCT IDENTIFICATION	TEST TYPE ORIENTATION	TEST COND.	GAGE WIDTH	YIELD		EXPL. PSI	TENSILE		V/P	REDUCED		ELONGATION	WATER MARK	W/T (IN)
				MIN	MAX		MIN	MAX		MIN	MAX			
B03A-244	KNOTE A STRIP/T/B	AN	1.5	42,000	70,000	.50	70,000	MAX	30.2	95.5	355M	5		
X64398	KNOTE B STRIP/T/B	AR	1.5	51,000	73,000	.50	75,000	2.78	37.4	75.9	365B	5		
				49,000	75,000	.50	75,000	2.57	37.9	KNOTE C	365B	5		

LEGEND
L - LONGITUDINAL
U - UPSET
T - TRANSVERSE
N - NORMALIZED
QT - QUENCHED & TEMPERED
OR - STRESS RELIEVED
AR - AS ROLLED
B - BUCK
W - WIRE

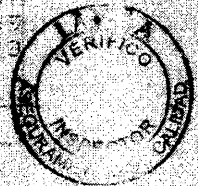
PRODUCT IDENTIFICATION	TYPE	ELEMENTS																UC*
		C	MN	P	S	SI	CU	N	CP	MO	AL	NI	V	B	TI	CE	CO	
B03A-244	HEAT	18	105	009	005	024	01	01	03	01	02	005	00	000	001	001	001	52
B03A-244	PROD	21	106	010	000	024	01	01	03	01	03	005	00	000	001	001	001	27
B03A-244	PROD	20	105	009	007	024	01	01	03	01	03	005	00	000	001	001	001	26
X64398	HEAT	18	107	008	000	020	01	01	03	01	02	005	00	000	001	001	001	29
X64398	PROD	23	112	007	005	024	01	01	03	01	03	005	00	000	001	001	001	21
X64398	PROD	21	108	007	007	024	01	01	03	01	03	005	00	000	001	001	001	25

*UC - BASED ON THE FOLLOWING EQUATION(S):
C + Mn + Ni + Nb + Cr + Mo + Si + Cu + N + P + S + Al + Ti + Ce + Co

DECIMAL POSITIONS FOR ELEMENTS ARE INDICATED BY THE LEFT MARGINAL VERTICAL DOTTED LINE OR DECIMAL POINT
439981002 T2004052 200251002

LAVISA, S.A. DE C.V.

ORDEN
PART No. 1
REFERENCIA 30243



17 OCT 140
FIRMA



UNITED STATES STEEL

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

DATE: 09/04/08
 TIME: 13:42:42

MILL ORDER/ITEM NO. TU05770 01	SHEETERS NO. P81663	PO NUMBER C85699	INVOICE NO 0408599														
MATERIAL CODE AS-ROLLED	OD: 8.625 (219.075)		WALL: 0.906 (23.010)		W (mm)												
PRODUCT IDENTIFICATION	FLAT	BEND	GRAIN SIZE	MPH COLLAPSE	CHAPPY V-NOTCH IMPACT TESTING												
					DIR	TEST LOC.	TEMP	SIZE	TEST COND.	FT LBS				K SHEAR			
					DEG F					1	2	3	AVG	1	2	3	AVG
B03A-244					T	B	+ 32	FULL	AR	15	15	15	20				
B03A-244					T	B	+ 32	FULL	AR	39	41	43	41				
X64390					T	B	+ 32	FULL	AR	45	45	41	45				
X64390					T	B	+ 32	FULL	AR	44	45	45	45				
X64390					T	B	+ 32	FULL	AR	42	48	46	45				
** END OF DATA THIS SHEET **																	

LEGEND: L - LONGITUDINAL T - TRANSVERSE B - BODY W - WELD HAZ - HEAT AFFECTED ZONE

TEST / INSPECTION	YES	TESTING / INSPECTION INFORMATION		RESULTS / COMMENTS	
FULL LENGTH VISUAL	X	OD	OD/ID	L	UT
FULL LENGTH EM	X				
FULL LENGTH MPI					
FULL LENGTH UT					
END AREA INSPECTION (BEAM END)	X				
SPECIAL END AREA (BEA) INSP					
FULL LENGTH DRIFT		DRIFT MANDREL SIZE			

ADDITIONAL NOTES/COMMENTS

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.
 B1 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 A100-99/ASME SA100-1998 ED. 1999 GRADE C.
 MATERIAL WAS HOT FINISHED - NO HEAT TREATMENT.
 ** END OF DATA **

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 EACH RESPECT.

PREPARED BY THE OFFICE OF: J.T. CLAYTON - MANAGER, O.A.

DATE 09/04/08

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T220001E

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CAA 4-0-0

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