

4-28-1993 18:56

FROM TRIUMPH TUBULAR

METALLURGICAL TEST REPORT

IN. JOG. CONTRACT NO.

VENDOR

FAIRFIELD WORKS

SOLD TO

J. D. FIELDS AND COMPANY INC.
P.O. BOX 218424
HOUSTON, TX 77218-8424

P.O. DATE

PURCHASE ORDER NO.

SHIPPER'S NO.

0500 04/14/92

INCL. ORDER NO.

INVOICE NO.

VERIFIED
IDENTITY

DM08031

J. D. FIELDS AND COMPANY INC.
P.O. BOX 218424
HOUSTON, TX 77218-8424
(281) 558-7199

MAIL TO

THIS IS TO CERTIFY THAT THE PRODUCT DESCRIBED HEREIN WAS MFGD., SAMPLED, TESTED AND/OR INSPE. IN ACCORDANCE WITH THE SPECIFICATION AND FULFILLS REQUIREMENTS IN SUCH RESPECTS.

APPROVED BY THE OFFICE OF
M.R. STEIN, MGR. O.A.
FAIRFIELD WORKS

Date 07/03/92

PIPE CARBON EW LINE PIPE API 5L-39TH EDITION DTD 6/1/91 GRADE X52
BLK BARE PE REV 30 DEG

AS PER LETTER DATED:
AUGUST 12, 1993

EMERGENCY PIPE

ITEM NO.	MATERIAL DESCRIPTION										MATE.	HEAT/ SER. NO.	MIN. HYDRO PSI	YIELD STR. PSI	TENSILE STR. PSI	ELONG. % IN 1"	DAGE WIDTH IN.	FLAT	RATIO		
	SIZE	WALL	SPECIFICATION & GRADE																		
4	20	0.281	API 5L GRADE X52C										ERW	E24272	1320 10 _{sec}	70640	81640 WELD 82160	34.00	81.5T	OK	0.87
4	20	0.281	API 5L GRADE X52C										ERW	M26210	1320 10 _{sec}	68320	78680 WELD 80090	34.00	81.5T	OK	0.87
4	20	0.281	API 5L GRADE X52C										ERW	M26211	1320 10 _{sec}	65720	75380 WELD 77460	34.00	81.5T	OK	0.87

ITEM NO.	HEAT NO.	TYPE	C	MN	P	S	CU	NI	CR	MO	XB	AL	N	V	B	TI	CR	XX		
4	E24272	PROD	07	106	011	005	230	02	01	03	005	028		01	0002		043		C.E=0.26	
4	E24272	PROD	07	106	011	005	230	02	01	03	005	029		01	0002		043		C.E=0.26	
4	M26210	PROD	04	105	010	006	220	02	01	02	003	030		01	0002		040		C.E=0.25	
4	M26210	PROD	06	105	011	007	220	02	01	02	003	030		01	0002		040		C.E=0.25	
4	M26211	PROD	07	101	007	006	170	02	02	02	003	032		01	0002		038		C.E=0.25	
4	M26211	PROD	06	100	007	006	170	02	02	02	003	035		01	0002		038		C.E=0.24	
USG CERTIFIES ALL MELTING AND MANUFACTURING TOOK PLACE IN THE USA																			*** END OF DATA ***	

DECIMAL POSITIONS FOR ELEMENTS ARE INDICATED BY THE LAST

004 (REV. 1-84)

DECIMAL POSITIONS FOR ELEMENTS ARE INDICATED BY THE LEFT HANDED VERTICAL DOTTED LINE