

INDUSTRIAL PRODUCTS
METALLURGICAL TEST REPORT



ENCL. CONTRACT NO.

P.O. DATE: _____ PURCHASE ORDER NO.: 0300 04/16/92
 SHIPPER'S NO.: _____ INVOICE NO.: _____
 VENDOR'S IDENTITY: _____

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.

VENDOR: FAIRFIELD WORKS
 SOLD TO: J. D. FIELDS AND COMPANY INC.
 P.O. BOX 218424
 HOUSTON, TX 77210-8424

J. D. FIELDS AND COMPANY INC.
 P.O. BOX 218424
 HOUSTON, TX 77210-8424
 (281) 558-7199

MAILED TO: APPROVED BY THE OFFICE OF M. R. STEIN, MGR. P.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			MATERIAL	HEAT/LOT NO.	MIN. HYDRO PGI	YIELD STR. PSI	TENSILE STR. PSI	ELONG. % IN 1"	DAGE WIDTH IN.	FLAT	WAVE
	SIZE	WALL	SPECIFICATION & GRADE									
4	20	0.281	API 5L GRADE X52C	ERW	E24272	1320 10 _{max}	70640	81640 WELD 82160	34.00	81.5T	OK	0.87
4	20	0.281	API 5L GRADE X52C	ERW	M26210	1320 10 _{max}	68320	78680 WELD 80090	34.00	81.5T	OK	0.87
4	20	0.281	API 5L GRADE X52C	ERW	M26211	1320 10 _{max}	65720	75380 WELD 77460	34.00	81.5T	OK	0.87

ITEM NO.	HEAT NO.	TYPE	C	MN	P	S	SI	CU	N	CR	MO	XBH	AL	W	V	B	TI	CA	XX
4	E24272	PROD	07	106	011	005	230	02	01	03	005		028		01	0002		043	
4	E24272	PROD	07	106	011	005	230	02	01	03	005		029		01	0002		043	
4	M26210	PROD	04	105	010	006	220	02	01	02	005		030		01	0002		040	
4	M26210	PROD	06	105	011	007	220	02	01	02	005		030		01	0002		040	
4	M26211	PROD	07	101	007	006	170	02	02	02	005		032		01	0002		038	
4	M26211	PROD	06	100	007	006	170	02	02	02	005		035		01	0002		038	

USG CERTIFIES ALL MELTING AND MANUFACTURING TOOK PLACE IN THE USA

*** END OF DATA ***

DECIMAL POSITIONS FOR ELEMENTS ARE INDICATED BY THE LEFT MARGIN VERTICALLY CENTERED

4.28.1993 18:56

FROM TRIUMPH TUBULAR