PLAINTIFF'S EXHIBIT

CT-1049

BILL OF MATERIAL
MATERIAL FOR ONE

A_5 REQ'D	A_4 REQ'D	A_3 REQ'D	A_2 REQ'D	A_1 REQ'D	PART No.	PART	MATERIAL
				X	1	RAILS FOR	MANDREL LOADING CONVEYOR.
			X	1	2	RAIL LEFT	HAND SIDE
		X		1	3	RAIL RIGHT	HAND SIDE
	X			1	4	SHAFT	
			1		5	RAIL	6" WF x 25#
			1		6	BEARING SUPPORT	C1020 H.R.S.
		1			7	RAIL	6" WF x 25#
		1			8	BEARING SUPPORT	C1020 H.R.S.
	1				9	ROLLER	TUBING 2" O.D. x 1 3/8 I.D.
	2				10	STUB SHAFT	C 1045 H.R.S.
				2	11	FRONT COLUMN	6" WF x 25#
				2	12	REAR COLUMN	6" WF x 25#
				4	13	BASE PLATE	C1020 H.R.S.
				2	14	BRACE	ANGLE 3 x 3 x 3/8
				2	15	BRACE	ANGLE 3 x 3 x 3/8
				2	16	CROSSTIE	ANGLE 3 x 3 x 3/8
				2	17	GUSSET	C1020 H.R.S.
				2	18	AIR CYLINDER.	T-J STYLE S3 (SWIVEL MOUNT) 3 1/4" BORE, 7" STROKE.
				2	19	CLEVISE	C1045 C.R.S.
				2	20	PIN	C1045 C.R.S.
				4	21	RETAINING RING	"TRUARC" RING #5100-75
				2	22	MOUNTING BRACKET	T-J PART No. S-452 M CYL. DIA. 3/4
				12	23	HEX. HD. BOLTS	1/2-13 x 2" LG. WITH NUT.
				2	24	CYLINDER BRACKET	C1020 H.R.S.
X				2	25	CRADLE ARM	ASS'Y.
				2	26	BEARING.	DODGE SC2 BOLT FLANGE BRG. SHAFT SIZE 1 1/2"
				2	27	KEY	3/8 x 3/8 x 1 1/16 LG.
				2	28	SET SCREW	ALLEN SOCKET, FLAT POINT 3/8-16 x 1 1/8 LG.
1					29	ARM	C1045 C.R.S.
1					30	WEAR PL.	BRASS
2					31	SOCK. HD. CAP SCREW	3/8-16 x 1 3/4 LG. (UNBRAKO)

FOR COMPLETE MANDREL HANDLING SYSTEM SEE 17L-8389

S. A. No.	KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT	SYMBOL EWA 411
JOB No.		

PLANT 7 HILLSBORO, TEXAS
13 FT. PIPE MACHINE
RAILS ASS'Y. & DETAILS FOR MANDREL LOADING CONVEYOR.

CH K.B.	APP.	CK J.M.	APP.	DATE 2-1-61	SCALE 3"-1'-0"

BY	DATE
E.W.L.	3-30-61

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