TD - Engineering Fabrication Component Kit List

Process Engineering

Component Serial No.	RQN(X)008
Kit submitted by:	Bob Jensen
Fermi ID No.	315
Date submitted:	15-Feb-11
Need date:	18-Feb-11
Deliver to:	IB#2
Use with Traveler No.	TR-333271
Job No.	445
M&S task number:	425 1.0.1.1
Drawing Title:	Recycler 20" Quadrupole
Drawing No.	4420-ME-338219 C

Material Control

Parts available

Verified by:	[signature]
Fermi ID No.	4690
Date submitted to stockroom:	2-15-11

Parts issued

Issued by:	JB, RE, LZ
Fermi ID No.	
Date issued:	2/18/11
Parts received by E&F:	Bob [signature]
Fermi ID No.	0315
Date received by E&F:	2/18/2011

		Description	Dwg Size	Number	Rev	Unit	Quantity Required	Location	Quantity Issued	E&F Verified	Routing Form Number	Spares Number / Comment
	1	Magnet Identification Label	MA	318490		ea	1		IB#2 has		—	
	2	**Pole Assembly**	ME	338220		ea	1		—		—	No assy, issue items 2a, 2b,2c,2d, & 2e
✓	2a	*End Spacer*	MD	338221	D	ea	2	T9,2	2	✓	92203	
✓	2b	*Pole Piece*	MC	338222	C	ea	4	R7,S2,L1	4	✓	92156	
✓	2c	*Spacer Bar*	MB	338223		ea	4	R8,3,4	4	✓	92252	
✓	2d	*Hex Soc HD Cap Screw 1/4"-20 x 0.750" lg SS*	MA	338224		ea	16	12B7	16	✓	62844	
✓	2e	*Long Spring Pin 420 SS 0.250" x 1.00" lg*	MA	338225		ea	16	12B7	16	✓	91968	
✓	3	SHCS 1/4"-20 x 0.75" lg	MA	338224		ea	8	12B7	8	✓	62844	
✓	4	Flux Return Side	ME	338226		ea	4	R8,2,1	4	✓	92286	

TD - Engineering Fabrication Component Kit List

	Description	Dwg Size	Number	Rev	Unit	Quantity Required	Location	Quantity Issued	E&F Verified	Routing Form Number	Spares Number / Comment
5	Flux Return End	MD	338227	B	ea	2	R10,S1,L				
✓ 6	Pole Assembly Retainer	MB	338229		ea	4	12C1	4	✓	65467	
✓ 7	Tube	MB	338231		ea	4	R8,2,1	4	✓	92288	
✓ 8	Magnet 1" x 2.0" x 4.0"	MB	338232		ea	8	R8,3,2	8	✓	92469	
✓ 9	Magnet 1" x 2.0" x 6.0"	MB	338007	A	ea	16	R1,S3,L1	16	✓	150-92468 10-92257	
10	Magnet 1" x 2.625" x 6"	MA	338364		ea	8	R8,3,1	Do not issue	✓	—	
✓ 11	Magnet Spacer 0.50"	MB	338234		ea	24	MSR3,2,2	24	✓	92177	
✓ 12	Magnet Spacer 0.75"	MB	338235		ea	16	T6,2	16	✓	92178	
✓ 13	Compensator 0.990" x 1.90" x 0.050"	MB	338236		ea	352	NT01869	352	✓	65563	
✓ 14	Beam Tube Positioning Lug	MB	338237		ea	4	T12,2	4	✓	92201	
✓ 15	Beam Lug Adjusting Screw	MA	338238		ea	4	12C2	4	✓	92046	
✓ 16	SHCS 1/4"-20 x 0.875" lg	MA	338239		ea	28	12C3	28	✓	91972	
✓ 17	SHCS 3/8"-16 x 0.75" 18-8 SS	MA	338240		ea	4	12C3	4	✓	60272	
✓ 18	Headless Cup Point Set Screw 1/4"-20 x 0.75" 18-8 SS	MA	338241		ea	16	12C5	16	✓	100-91967 60-63661	
✓ 19	Lockwasher 1/4" 18-8 SS	MA	338242		ea	8	12C5	8	✓	62653	
✓ 20	Flat washer 1/4" 18-8 SS	MA	338243	A	ea	8	12C5	8	✓	63578	
✓ 21	Hex Nut 3/8"-16 18-8 SS	MA	338297		ea	16	12D5	16	✓	65402	
✓ 22	Flat Washer Steel 5/16"	MA	338298		ea	400	T6,1	400	✓	61832	

TD - Engineering Fabrication Component Kit List

	Description	Dwg Size	Number	Rev	Unit	Quantity Required	Location	Quantity Issued	E&F Verified	Routing Form Number	Spares Number / Comment
✓ 23	Threaded Rod 3/8"-16NC	MB	338299		ea	4	R2,S2,L2	4	✓	92047	
✓ 24	0.50" lg Steel Flux Trim Bar	MA	338300	A	ea	16	12D6	16	✓	92761	
✓ 25	1.0" lg Steel Flux Trim Bar	MA	338301	A	ea	16	12D6	16	✓	92762	
✓ 26	0.50" lg Aluminum Spacer	MA	338302	A	ea	20	12D7	20	✓	92763	
✓ 27	1.0" lg Aluminum Spacer	MA	338303	A	ea	20	12D7	20	✓	92764	
✓ 28	2.0" lg Aluminum Spacer	MA	338304	A	ea	20	12D8	20	✓	92765	
✓ 29	SHCS #8-32 x 0.75" lg 18-8 SS	MA	338351		ea	16	13A1	16	✓	62047	
✓ 30	#8 Flat Washer	MA	338352	A	ea	80	13A2	80	✓	62180	
31	Beam Tube Seal Plate	MC	338411		ea	4	T8,3	—	Do not Issue	—	Design Issue
✓ 32	Shipping and Storage Cover	MB	338412		ea	2	13A2	2	✓	65536	
✓ 33	Protective Plug for 1/4" hole	MA	338474		ea	16	13A4	16	✓	75734	
✓ 34	Protective Plug for 3/8" hole	MA	338475		ea	8	13A4	8	✓	75735	
35	Magnet Spacer 0.050" thk	MA	338555	A	ea	128	R10,1,2				
✓ 36	Channel Shim	MB	460412		ea	40	R1,1,2	40	✓	90668	
37											
38											