

	Activity Name	Duration (Work Hours)	Resources Assigned	7	8	9	10	11	14	15	16	17	18	21	22	23	24	25	
				M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	
				7	8	9	10	11	14	15	16	17	18	21	22	23	24	25	
1	CATHODE TYPE1 PRODUCTION	56.00		[Gantt bar from 7 to 15]															
2	Foil preparation	33.00		[Gantt bar from 7 to 11]															
3	<i>inspect/test cathode</i>	2.50		[Gantt bar from 8 to 9]															
4	visual	0.50	TECH1, TECH2, TABLE 4A	[Gantt bar from 8 to 9]															
5	continuity/resistance	2.00	TECH1, TECH2, TABLE 4A	[Gantt bar from 8 to 9]															
6	<i>cutting cathode</i>	6.00	TECH1, TECH2, TABLE 4B	[Gantt bar from 8 to 14]															
7	<i>aligning and gluing cathode</i>	9.50		[Gantt bar from 9 to 15]															
8	align panels	2.00	TECH1, TECH2, TABLE 4C	[Gantt bar from 9 to 11]															
9	apply vinyl tape to joint	1.00	TABLE 4C, TECH1, TECH2	[Gantt bar from 9 to 10]															
10	flip foil and apply kapton tape	2.00	TABLE 4C, TECH1, TECH2	[Gantt bar from 9 to 11]															
11	***dwell glue harden	2.50	TABLE 4C	[Gantt bar from 9 to 11]															
12	flip foil and remove vinyl	2.00	TECH1, TECH2	[Gantt bar from 10 to 12]															
13	<i>gluing on transfer ring cath</i>	6.00		[Gantt bar from 10 to 16]															
14	apply glue and weight ring	2.00	TABLE 4L, transring 1, TECH1, TECH2	[Gantt bar from 10 to 12]															
15	***dwell glue harden	4.00	TABLE 4L	[Gantt bar from 10 to 14]															
16	<i>initial tensioning</i>	2.00	TENS 4G, TECH1, TECH2, transring 1	[Gantt bar from 10 to 12]															
17	***dwell to relax foil	6.00	TENS 4G, transring 1	[Gantt bar from 10 to 16]															
18	<i>final tensioning</i>	1.00	TECH3, TENS 4G, transring 1	[Gantt bar from 10 to 11]															
19	Kapton layer final assembly	23.00		[Gantt bar from 11 to 15]															
20	<i>Gluing the frame to the foil</i>	7.00		[Gantt bar from 11 to 18]															
21	gluing and weighting assy	2.00	TENS 4F, TECH1, TECH2, transring 2	[Gantt bar from 11 to 13]															
22	***dwell glue harden	5.00	transring 2, TENS 4F	[Gantt bar from 11 to 16]															
23	<i>Cutting open foil holes/slots</i>	3.00	TABLE 4E, TECH1	[Gantt bar from 11 to 14]															
24	<i>Create kapton ground flaps and panel -panel connections</i>	6.50	TECH1, TABLE 4L	[Gantt bar from 11 to 17]															
25	***dwell glue harden	3.00		[Gantt bar from 11 to 14]															
26	Ground plane prep and final assembly	16.50		[Gantt bar from 8 to 10]															
27	<i>Cutting the aluminized mylar</i>	0.50	TABLE 4B, TECH2, TECH1	[Gantt bar from 8 to 9]															
28	<i>Gluing the mylar to the transfer ring</i>	2.00	TABLE 4D, transring 3, TECH1, TECH2	[Gantt bar from 8 to 9]															
29	***dwell glue harden	0.00	TABLE 4D, transring 3	[Gantt bar from 8 to 9]															
30	<i>Tensioning/gluing</i>	2.00	transring 3, TENS 4F, TECH1, TECH2	[Gantt bar from 9 to 10]															
31	***dwell glue harden	2.00	TENS 4F, transring 3	[Gantt bar from 9 to 11]															
32	<i>Trimming and forming ground connections</i>	4.00	TABLE 4L, TECH1	[Gantt bar from 9 to 13]															
33	CATHODE TYPE2 PRODUCTION	61.00		[Gantt bar from 11 to 22]															
34	Foil preparation	46.00		[Gantt bar from 11 to 21]															
35	<i>inspect/test cathode #1</i>	2.50		[Gantt bar from 11 to 12]															
36	visual	0.50	TECH1, TECH2, TABLE 4A	[Gantt bar from 11 to 12]															
37	continuity/resistance	2.00	TECH1, TECH2, TABLE 4A	[Gantt bar from 11 to 12]															
38	<i>cutting cathode #1</i>	6.00	TECH1, TECH2, TABLE 4B	[Gantt bar from 11 to 17]															
39	<i>aligning and gluing cath#3</i>	13.00		[Gantt bar from 15 to 17]															

