

	Activity Name	Duration (Days)	Start Date	Finish Date	July 2016							
					S	M	T	W	T	F	S	S
					17	18	19	20	21	22	23	24
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					17	18	19	20	21	22	23	24

	Activity Name	Duration (Days)	Start Date	Finish Date	July 2016							M
					M	T	W	T	F	S	S	
					25	26	27	28	29	30	31	
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					25	26	27	28	29	30	31	1

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016							
					T	W	T	F	S	S	M	T
					2	3	4	5	6	7	8	9
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					2	3	4	5	6	7	8	9

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016							
					W	T	F	S	S	M	T	W
					10	11	12	13	14	15	16	17
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					10	11	12	13	14	15	16	17

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016							
					T	F	S	S	M	T	W	T
					18	19	20	21	22	23	24	25
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					18	19	20	21	22	23	24	25

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016								
					F	S	S	M	T	W	T	F	
					26	27	28	29	30	31	1	2	
1	Install Gas handling system	14.00	8/1/16	8/18/16									
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16									
3	Run gas line to MFC	7.00	8/2/16	8/10/16									
4	Plumb from MFC to target	1.00	8/15/16	8/15/16									
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16									
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16									
7	Install instrumentation	3.00	8/16/16	8/18/16									
8	Install turbopumps and valves	23.00	7/18/16	8/17/16									
9	Produce final beamline drawing	5.00	7/18/16	7/22/16									
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16									
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16									
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16									
13	Install turbos and valves	5.00	8/8/16	8/12/16									
14	plumb air to valves	1.00	8/12/16	8/12/16									
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16									
16	Install target and detector	10.00	8/8/16	8/19/16									
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16									
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16									
19	Move magnet back	1.00	8/8/16	8/8/16									
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16									
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16									
22	Install detector package	3.00	8/11/16	8/15/16									
23	Install cabling for detectors	1.00	8/15/16	8/15/16									
24	Install lower plates	1.00	8/16/16	8/16/16									
25	Install target chamber	1.00	8/17/16	8/17/16									
26	Replace upper plates	1.00	8/17/16	8/17/16									
					26	27	28	29	30	31	1	2	

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016							
					S	S	M	T	W	T	F	S
					3	4	5	6	7	8	9	10
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					3	4	5	6	7	8	9	10

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016							
					S	M	T	W	T	F	S	S
					11	12	13	14	15	16	17	18
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					11	12	13	14	15	16	17	18

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016							
					M	T	W	T	F	S	S	M
					19	20	21	22	23	24	25	26
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbupumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					19	20	21	22	23	24	25	26

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016				October 2016			
					T	W	T	F	S	S	M	T
					27	28	29	30	1	2	3	4
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					27	28	29	30	1	2	3	4

	Activity Name	Duration (Days)	Start Date	Finish Date	October 2016							
					W	T	F	S	S	M	T	W
					5	6	7	8	9	10	11	12
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					5	6	7	8	9	10	11	12

	Activity Name	Duration (Days)	Start Date	Finish Date	October 2016							
					T	F	S	S	M	T	W	T
					13	14	15	16	17	18	19	20
1	Install Gas handling system	14.00	8/1/16	8/18/16								
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16								
3	Run gas line to MFC	7.00	8/2/16	8/10/16								
4	Plumb from MFC to target	1.00	8/15/16	8/15/16								
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16								
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16								
7	Install instrumentation	3.00	8/16/16	8/18/16								
8	Install turbopumps and valves	23.00	7/18/16	8/17/16								
9	Produce final beamline drawing	5.00	7/18/16	7/22/16								
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16								
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16								
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16								
13	Install turbos and valves	5.00	8/8/16	8/12/16								
14	plumb air to valves	1.00	8/12/16	8/12/16								
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16								
16	Install target and detector	10.00	8/8/16	8/19/16								
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16								
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16								
19	Move magnet back	1.00	8/8/16	8/8/16								
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16								
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16								
22	Install detector package	3.00	8/11/16	8/15/16								
23	Install cabling for detectors	1.00	8/15/16	8/15/16								
24	Install lower plates	1.00	8/16/16	8/16/16								
25	Install target chamber	1.00	8/17/16	8/17/16								
26	Replace upper plates	1.00	8/17/16	8/17/16								
					13	14	15	16	17	18	19	20

	Activity Name	Duration (Days)	Start Date	Finish Date	F	S
					21	22
1	Install Gas handling system	14.00	8/1/16	8/18/16		
2	Install gas bottles and regulator	1.00	8/1/16	8/1/16		
3	Run gas line to MFC	7.00	8/2/16	8/10/16		
4	Plumb from MFC to target	1.00	8/15/16	8/15/16		
5	Plumb roots blower exhausts to vent	2.00	8/15/16	8/16/16		
6	Plumb nitrogen to vent	2.00	8/8/16	8/9/16		
7	Install instrumentation	3.00	8/16/16	8/18/16		
8	Install turbopumps and valves	23.00	7/18/16	8/17/16		
9	Produce final beamline drawing	5.00	7/18/16	7/22/16		
10	fabricate spool pieces and BPM	5.00	7/25/16	7/29/16		
11	Modify Moeller dump can support	3.00	8/8/16	8/10/16		
12	Install Moeller dump cans and dump	2.00	8/11/16	8/12/16		
13	Install turbos and valves	5.00	8/8/16	8/12/16		
14	plumb air to valves	1.00	8/12/16	8/12/16		
15	hook up turbos, gauges, and roughing lines	3.00	8/15/16	8/17/16		
16	Install target and detector	10.00	8/8/16	8/19/16		
17	Disconnect bellows and seal with Al foil	1.00	8/8/16	8/8/16		
18	Disconnect water and power lines from solenoid	1.00	8/8/16	8/8/16		
19	Move magnet back	1.00	8/8/16	8/8/16		
20	Mount lifting fixtures and test	2.00	8/8/16	8/9/16		
21	Remove and plates and temporary target chamber	1.00	8/10/16	8/10/16		
22	Install detector package	3.00	8/11/16	8/15/16		
23	Install cabling for detectors	1.00	8/15/16	8/15/16		
24	Install lower plates	1.00	8/16/16	8/16/16		
25	Install target chamber	1.00	8/17/16	8/17/16		
26	Replace upper plates	1.00	8/17/16	8/17/16		
					21	22

	Activity Name	Duration (Days)	Start Date	Finish Date	July 2016							
					S	M	T	W	T	F	S	S
					17	18	19	20	21	22	23	24
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					17	18	19	20	21	22	23	24

	Activity Name	Duration (Days)	Start Date	Finish Date	July 2016							M
					M	T	W	T	F	S	S	
					25	26	27	28	29	30	31	
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					25	26	27	28	29	30	31	1

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016							
					T	W	T	F	S	S	M	T
					2	3	4	5	6	7	8	9
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					2	3	4	5	6	7	8	9

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016								
					W	T	F	S	S	M	T	W	
					10	11	12	13	14	15	16	17	
27	Move solenoid into place	1.00	8/17/16	8/17/16									
28	Reconnect water and power	1.00	8/17/16	8/17/16									
29	Align solenoid 1a	1.00	8/18/16	8/18/16									
30	Attach bellows to chamber	1.00	8/18/16	8/18/16									
31	Pump down and leak check	1.00	8/18/16	8/18/16									
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16									
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16									
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16									
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16									
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16									
37	Test target system with the vault open	1.00	8/19/16	8/19/16									
					10	11	12	13	14	15	16	17	

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016							
					T	F	S	S	M	T	W	T
					18	19	20	21	22	23	24	25
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					18	19	20	21	22	23	24	25

	Activity Name	Duration (Days)	Start Date	Finish Date	August 2016								
					F	S	S	M	T	W	T	F	
					26	27	28	29	30	31	1	2	
27	Move solenoid into place	1.00	8/17/16	8/17/16									
28	Reconnect water and power	1.00	8/17/16	8/17/16									
29	Align solenoid 1a	1.00	8/18/16	8/18/16									
30	Attach bellows to chamber	1.00	8/18/16	8/18/16									
31	Pump down and leak check	1.00	8/18/16	8/18/16									
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16									
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16									
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16									
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16									
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16									
37	Test target system with the vault open	1.00	8/19/16	8/19/16									
					26	27	28	29	30	31	1	2	

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016							
					S	S	M	T	W	T	F	S
					3	4	5	6	7	8	9	10
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					3	4	5	6	7	8	9	10

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016							
					S	M	T	W	T	F	S	S
					11	12	13	14	15	16	17	18
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					11	12	13	14	15	16	17	18

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016							
					M	T	W	T	F	S	S	M
					19	20	21	22	23	24	25	26
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					19	20	21	22	23	24	25	26

	Activity Name	Duration (Days)	Start Date	Finish Date	September 2016				October 2016			
					T	W	T	F	S	S	M	T
					27	28	29	30	1	2	3	4
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					27	28	29	30	1	2	3	4

	Activity Name	Duration (Days)	Start Date	Finish Date	October 2016							
					W	T	F	S	S	M	T	W
					5	6	7	8	9	10	11	12
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					5	6	7	8	9	10	11	12

	Activity Name	Duration (Days)	Start Date	Finish Date	October 2016							
					T	F	S	S	M	T	W	T
					13	14	15	16	17	18	19	20
27	Move solenoid into place	1.00	8/17/16	8/17/16								
28	Reconnect water and power	1.00	8/17/16	8/17/16								
29	Align solenoid 1a	1.00	8/18/16	8/18/16								
30	Attach bellows to chamber	1.00	8/18/16	8/18/16								
31	Pump down and leak check	1.00	8/18/16	8/18/16								
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16								
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16								
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16								
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16								
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16								
37	Test target system with the vault open	1.00	8/19/16	8/19/16								
					13	14	15	16	17	18	19	20

	Activity Name	Duration (Days)	Start Date	Finish Date	F	S
					21	22
27	Move solenoid into place	1.00	8/17/16	8/17/16		
28	Reconnect water and power	1.00	8/17/16	8/17/16		
29	Align solenoid 1a	1.00	8/18/16	8/18/16		
30	Attach bellows to chamber	1.00	8/18/16	8/18/16		
31	Pump down and leak check	1.00	8/18/16	8/18/16		
32	Align solenoid and target chamber 1b	1.00	8/19/16	8/19/16		
33	Fabricate Moeller dump shielding	10.00	8/1/16	8/12/16		
34	Install Moeller dump shielding	2.00	8/15/16	8/16/16		
35	Install and cable ITV4F06A	1.00	8/15/16	8/15/16		
36	Connect up BPMs and correctors	1.00	8/16/16	8/16/16		
37	Test target system with the vault open	1.00	8/19/16	8/19/16		
					21	22