






PREX II Installation

ID		Task Name	Duration
1		PREX II Installation	70 days
2		Preliminaries	6 days
3		RADCON Survey / Hold	5 days
4		Post Beam Checklist	1 day
5		As Found Surveys	2 days
6		Remove Target	2 days
7		Bleed Up Spectrometers and Beam Line Components	1 day
8		De-Install Previous Equipment	14 days
9		Remove Equipment From Previous Experiment	10 days
10		Move Installation Equipment to Hall	9 days
11		Move Both HRS Into Position For Installation	2 days
12		Equipment Installation	61 days
13		Install Pivot Stand/Support Structure	5 days
14		Install Pivot Stand	1 day
15		Position & Level Pivot Stand	1 day
16		Install Magnet Support Platform	1 day
17		Position, Level & Pin Magnet Platform	1 day
18		Install Work Platform On Pivot Stand	1 day
19		Install Target Chamber / Target	14 days
20		Install Target Chamber Support On Magnet Platform	1 day
21		Install Target Acuator Supports	1 day
22		Install Target Chamber	1 day
23		Install Target Accuators	1 day
24		Install Sieve Box	2 days
25		Install Sieves In Sieve Box	1 day
26		Mount Sieve Box On Target Chamber	1 day
27		Install Target Chamber Vacuum System	2 days
28		Install Enterance Beam Line	1 day
29		Survey and Align Target Chamber and Sieve Box	3 days
30		Install Septum Magnet and Associated Equipment	56 days
31		Install Septum Jacks & Supports On Platform	1 day
32		Install Septum Magnet Lower Section On Supports	2 days
33		Align Magnet Lower Section On Supports	1 day
34		Install First & Second Layers Of Coils	2 days
35		Install Lower Coil Spacers	1 day
36		Position HRS Vacuum Transitions	1 day

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ID		Task Name	Duration
37		Align Transition Flanges to HRS and Sieve Box	1 day
38		Position Beam Line In Septum	1 day
39		Align Beam Line Flangs	1 day
40		Move Target Chamber Into Beam Ready Position	1 day
41		Tack Weld Flanges On Both End Of Transistion	2 days
42		Tack Weld Flanges On Beam Line	2 days
43		Move Target Chamber Back to The Upstream Position	1 day
44		Remove Transitions & Beam Line and Finish Welding	10 days
45		Install Collimators In Q1s	4 days
46		Leak Check Transitions and Beam Line	2 days
47		Re-Install Vacuum Traqnsistions and Beam Line	3 days
48		Move Target Chamber To Beam Ready Position	1 day
49		Connect Vacuum Flanges And Beam Line	2 days
50		Survey and Align Transitions and Beam Line	2 days
51		Install Upper Magnet Coils	1 day
52		Install Upper Magnet Steel	1 day
53		Connect Water Fitting, Hoses and Manifold	3 days
54		Connect Instrumentation, Interlocks and Warning Lights	3 days
55		Connect Power Leads	2 days
56		Install Guards	5 days
57		Test Magmet operations and GUI	4 days
58		Detector Package Changeout	19 days
59		Final Preperations	20 days
60		Final Surveys and Alignments	5 days
61		Install Radiation Shielding	9 days
62		Install Chiller (Pivot Area)	5 days
63		Spectrometer Magnets/Power Supplies Startup and Testing	14 days
64		Hall Cleanup	4 days
65		Pre-Beam Checklist	1 day