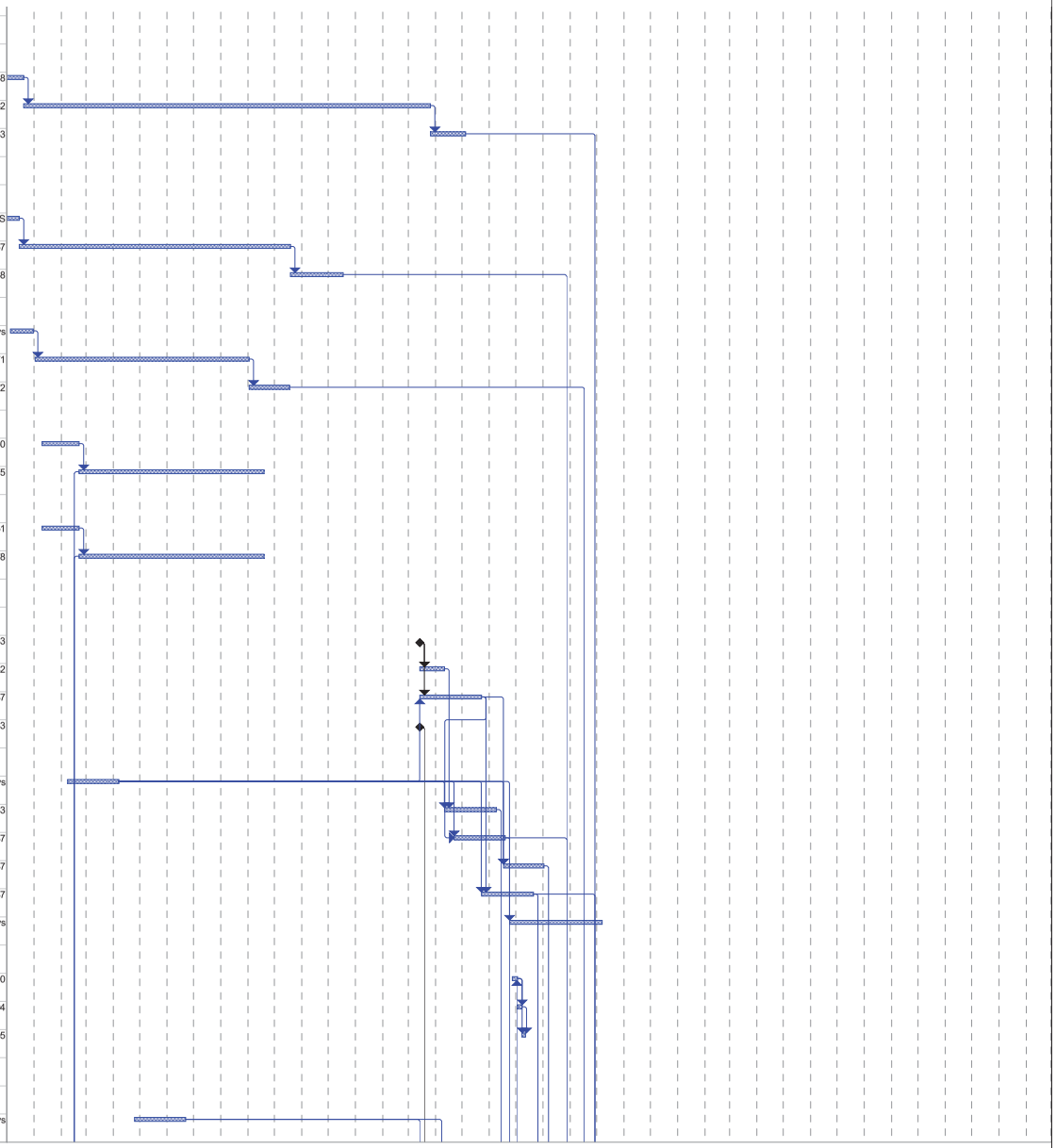
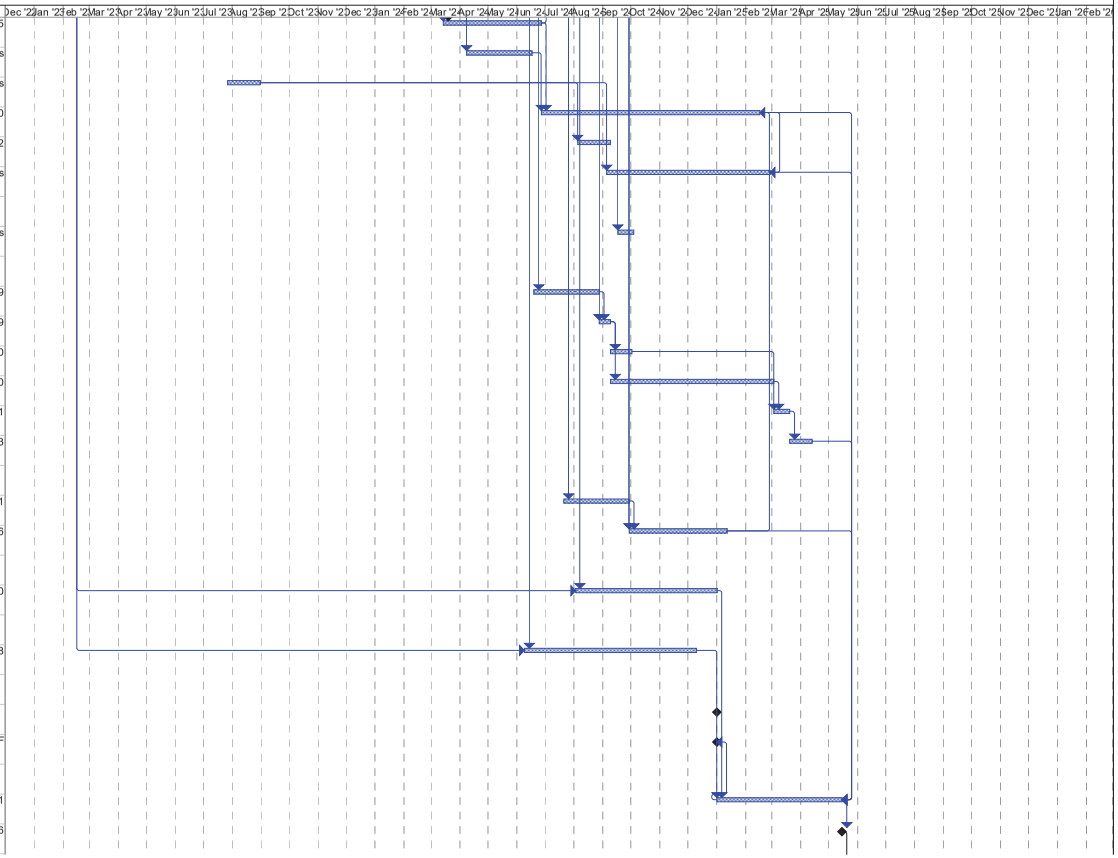
ID	Task Name	Duration	Start	Finish	Predecessors
60	**Procurement / Fabrication / Delivery**	**448 days**	**Tue 29.11.22**	**Sat 04.05.24**	
61	**Rotating Equipment**	**448 days**	**Tue 29.11.22**	**Sat 04.05.24**	
62	Machinery - Bid Evaluation & Order	15 days	Tue 29.11.22	Mon 19.12.22	48
63	Machinery - Manufacturing	330 days	Tue 20.12.22	Mon 25.03.24	62
64	Machinery - Transport to Site	40 days	Tue 26.03.24	Sat 04.05.24	63
65	**Stationary Equipment / Package Units**	**327 days**	**Thu 01.12.22**	**Sun 17.12.23**	
66	**Cold Box**	**327 days**	**Thu 01.12.22**	**Sun 17.12.23**	
67	Cold Box Colums - Order	10 days	Thu 01.12.22	Wed 14.12.22	52;56SS
68	Cold Box Columns - Manufacturing	220 days	Thu 15.12.22	Wed 18.10.23	67
69	Cold Box Columns - Transport to Site	60 days	Thu 19.10.23	Sun 17.12.23	68
70	**Precooling / Molsieve**	**272 days**	**Mon 05.12.22**	**Tue 17.10.23**	
71	Precooling Equipment (DCAC/EVAP/Molsieve) - Bid Evaluation & Order	20 days	Mon 05.12.22	Fri 30.12.22	53SS+14 days
72	Precooling Equipment (DCAC/EVAP/Molsieve) - Manufacturing	175 days	Mon 02.01.23	Fri 01.09.23	71
73	Precooling Equipment (DCAC/EVAP/Molsive) - Transport to Site	46 days	Sat 02.09.23	Tue 17.10.23	72
74	**Cooling Tower**	**216 days**	**Tue 10.01.23**	**Mon 18.09.23**	
75	Cooling Tower - Bid Evaluation & Order	30 days	Tue 10.01.23	Mon 20.02.23	50
76	Cooling Tower - Manufacturing & Transport	150 days	Tue 21.02.23	Mon 18.09.23	75
77	**Storage Tanks**	**216 days**	**Tue 10.01.23**	**Mon 18.09.23**	
78	Flat Bottom Tanks - Bid Evaluation & Order	30 days	Tue 10.01.23	Mon 20.02.23	51
79	Flat Bottom Tanks - Manufacturing & Transport	150 days	Tue 21.02.23	Mon 18.09.23	78
80	**Civil Works & Construction**	**681 days**	**Wed 08.02.23**	**Sat 12.04.25**	
81	**Construction Site Preparation Activities**	**60 days**	**Wed 13.03.24**	**Wed 22.05.24**	
82	Site Hand-over / Construction power & potable water available	0 days	Wed 13.03.24	Wed 13.03.24	33
83	Site Preparation	24 days	Thu 14.03.24	Wed 10.04.24	82
84	Mobilisation Civil Contractor	60 days	Thu 14.03.24	Wed 22.05.24	82;87
85	Authority Construction Permit available (LG)	0 days	Wed 13.03.24	Wed 13.03.24	33
86	**Civil Works**	**520 days**	**Wed 08.02.23**	**Sun 06.10.24**	
87	Inq., Bid & Order - Civil Contractor	50 days	Wed 08.02.23	Thu 06.04.23	3FS+85 days
88	Foundation - LIN / LOX Flat Bottom Tank	50 days	Thu 11.04.24	Sat 08.06.24	ys;3FS+215 days;87;83
89	Foundation - Cold Box - HEX Box	50 days	Mon 22.04.24	Tue 18.06.24	84;3;87
90	Foundation - Cooling Tower (incl. Basin, Pump Sump)	40 days	Mon 17.06.24	Thu 01.08.24	3;45;84;87
91	Foundation - Machinehouse	50 days	Thu 23.05.24	Sat 20.07.24	3;84;87
92	Foundation - Other Equipment	90 days	Mon 24.06.24	Sun 06.10.24	87FS+36 days
93	**Tie- in Point Works**	**13 days**	**Thu 27.06.24**	**Thu 11.07.24**	
94	Spool Piece Prefabrication	5 days	Thu 27.06.24	Tue 02.07.24	100
95	Shutdown Piping System	4 days	Wed 03.07.24	Sun 07.07.24	3FS+150 days;94
96	Spool Piece Installation	4 days	Mon 08.07.24	Thu 11.07.24	94;95
97	**Erection Works**	**616 days**	**Tue 25.04.23**	**Sat 12.04.25**	
98	**All Areas / General**	**578 days**	**Tue 25.04.23**	**Wed 26.02.25**	
99	Inq., Bid & Order - Mechanical Contractor	50 days	Tue 25.04.23	Wed 21.06.23	3FS+150 days



ID	Task Name	Duration	Start	Finish	Predecessors
100	Mobilisation Contractor Mechanical Erection	90 days	Thu 14.03.24	Wed 26.06.24	99;85
101	Piping Prefabrication (Workshop)	60 days	Mon 08.04.24	Sun 16.06.24	00 days;99FS+30 days
102	Inq., Bid & Order - E&I Contractor	30 days	Thu 27.07.23	Wed 30.08.23	3FS+230 days
103	Piping Erection incl. Pressure Testing	200 days	Thu 27.06.24	Sat 15.02.25	117FF;101;100
104	Mobilisation E&I Contractor	30 days	Mon 05.08.24	Sun 08.09.24	102
105	Instrumentation & Electrical Installation	150 days	Thu 05.09.24	Wed 26.02.25	0 days;102FS+60 days
106	**Molecular Sieve / Precooling Area**	**15 days**	**Tue 17.09.24**	**Thu 03.10.24**	
107	Precooling Eqp (DCAC/EVAP/Molsieve) Installation	15 days	Tue 17.09.24	Thu 03.10.24	73;3FS+200 days
108	**Coldbox Area**	**255 days**	**Wed 19.06.24**	**Sat 12.04.25**	
109	Cold Box Steel Structure Assembly	60 days	Wed 19.06.24	Tue 27.08.24	89
110	Cold Box Columns - Heavy Lift incl Welding	10 days	Wed 28.08.24	Sun 08.09.24	89;109;69
111	Cold Box Steel Structure Completion	20 days	Mon 09.09.24	Tue 01.10.24	110
112	Cold Box Installation (Ducts, Inside & Outside Piping)	150 days	Mon 09.09.24	Sun 02.03.25	110
113	Coldbox Testing (Pressure & Leak Testing)	15 days	Mon 03.03.25	Wed 19.03.25	112;111
114	Insulation of Coldbox incl. Removal of Scaffolding	20 days	Thu 20.03.25	Sat 12.04.25	113
115	**Machine House Area**	**150 days**	**Sun 21.07.24**	**Sat 11.01.25**	
116	Machinehouse Steel Structure Assembly	60 days	Sun 21.07.24	Sat 28.09.24	91
117	Machinery Installation	90 days	Sun 29.09.24	Sat 11.01.25	64;91;116
118	**Cooling Water Area**	**130 days**	**Sat 03.08.24**	**Tue 31.12.24**	
119	Cooling Tower Erection	130 days	Sat 03.08.24	Tue 31.12.24	76SS+150 days;90
120	**Liquid Storage Area**	**158 days**	**Sun 09.06.24**	**Mon 09.12.24**	
121	Flat Bottom Tanks Erection	158 days	Sun 09.06.24	Mon 09.12.24	79SS+150 days;88
122	**Precommissioning / Commissioning / Start Up**	**257 days**	**Wed 01.01.25**	**Mon 27.10.25**	
123	**Availibility of Utilities**	**0 days**	**Wed 01.01.25**	**Wed 01.01.25**	
124	Utilities available for Precom ASU Plant	0 days	Wed 01.01.25	Wed 01.01.25	126SF
125	**HOS - Precommissioning**	**115 days**	**Wed 01.01.25**	**Wed 14.05.25**	
126	Precommissioning ASU Plant	115 days	Wed 01.01.25	Wed 14.05.25	ys;105FF+20 days;121
127	Mechanical Completion (MC) - COMPLETION DATE	0 days	Wed 14.05.25	Wed 14.05.25	126