Appendix A Master Programme

Keppel Seghers
KEPPEL SEGHERS - ZHEN HUA JOINT VENTURE

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1

環境保護署 Environmental Protection Department

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
Programme for Design and Construction Works WP6E-M57		2967	1224		22-Nov-17 A	05-Jan-26	17-Jul-22	09-Jul-26	185	
Key Dates		2967	954		22-Nov-17 A	05-Jan-26	31-Aug-22	09-Jul-26	185	
Contractual Key Dates		2843	403		22-Nov-17 A	03-Sep-25	31-Aug-22	03-Sep-25	0	
Design and Construction Phase		2787	347		22-Nov-17 A	09-Jul-25	31-Aug-22	09-Jul-25	0	
01-1000	Contract Award/Date of Acceptance of Tender	0	0	100%	22-Nov-17 A		31-Aug-22			
01-1010	Date of Commencement of the Design and the Works	0	0	100%	15-Dec-17 A		31-Aug-22			
01-1015(3)(M12)	Original Substantial Completion of the Works	0	0	0%		27-Jul-24*		27-Jul-24	0	
01-1020	Extended Substantial Completion of The Works	0	0	0%		09-Jul-25*		09-Jul-25	0	
Extension of Time Granted		347	347		27-Jul-24	09-Jul-25	27-Jul-24	09-Jul-25	0	
01-1015-1(3)(M12)	Extension of time granted (Claim No.1 to No.72) *Claim N	347	347	0%	27-Jul-24	09-Jul-25	27-Jul-24	09-Jul-25	0	
Operation Phase		56	56		10-Jul-25	03-Sep-25	10-Jul-25	03-Sep-25	0	
01-1030	Commencement of Operation	0	0	0%	10-Jul-25		10-Jul-25		0	
01-1230	Issue Certificate of Completion of the Works (56 days afte	0	0	0%		03-Sep-25*		03-Sep-25	0	
Planned Completion Dates		828	828		30-Sep-23	05-Jan-26	30-Sep-23	09-Jul-26	185	
01-1030(5a)	Grid Connection Agreement (GCA)	0	0	0%		31-Oct-23*		30-Oct-23	0	
01-1040	Incoming Power Energization to IWMF Substation	0	0	0%		23-Nov-24		09-Jul-25	229	
01-1050	Export Power to Grid	0	0	0%		31-Oct-24*		31-Oct-24	0	
01-1060	Issuance of FS Certificate	0	0	0%		30-Dec-24		08-Jan-25	9	
01-1070	Completion of Civil Provision for Transmission	0	0	0%		30-Sep-23*		30-Sep-23	0	
01-1080	Commencement of C1.3.4.11 System Commissioning Tes	0	0	0%	20-Feb-25		09-Jan-25		-42	
01-1090	Completion of C1.3.4.11 System Commission Test	0	0	0%		17-Mar-25		31-Jan-25	-45	
01-1100	Physical Completion of 90 Days Plant Commissioning Tes	0	0	0%		02-Aug-25		18-Jun-25	-45	
01-1110(3)(M15)	Planned Substantial Completion of the Works	0	0	0%		23-Aug-25		09-Jul-25	-45	
01-1110-1(5a)	Completion of 180 Days for Installation, T&C of CCTV Sys	0	0	0%		05-Jan-26		09-Jul-26	185	
Dates of Site Pocessions		2764	774		15-Dec-17 A	10-Jul-25	03-Sep-22	10-Jul-25	0	
01-1120	Possession of Portion 1	0	0	100%		15-Dec-17 A		03-Sep-22		
01-1130	Possession of Portion 1A	0	0	100%		15-Dec-17 A		03-Sep-22		
01-1140	Possession of Portion 1B	0	0	100%		15-Dec-17 A		03-Sep-22		
01-1150	Possession of Portion 2	0	0	0%	10-Jul-25		10-Jul-25		0	
01-1160	Possession of Portion 3	0	0	0%		27-May-23		06-Jun-23	10	
01-1170	Possession of Portion 4	0	0	0%		27-May-23		06-Jun-23	10	
01-1180	Possession of Portion 5	0	0	0%		27-May-23		06-Jun-23	10	
01-1190	Possession of Portion 6	0	0	0%	20-Oct-24*		09-Jan-25		81	
01-1200	Possession of Portion 7	0	0	100%		05-Jan-18 A		09-Jul-25		
01-1210	Possession of Portion 7A	0	0	100%		07-Dec-18 A		09-Jul-25		
01-1210(5a)	Possession of Portion 8	0	0	100%	29-Apr-20 A		10-Jul-25			
01-1210-1(M55)	Possession of Portion 9	0	0	100%	10-Jun-22 A		10-Jul-25			
Licence/Permit Applications		2120	1007		07-Mar-19 A	02-Jun-25	24-Sep-22	09-Jul-25	37	
License/Permit for Construction		2120	1007		07-Mar-19 A	02-Jun-25	24-Sep-22	09-Jul-25	37	
03-1360(2)	CNP for 24Hrs	2120	1007	52.5%	07-Mar-19 A	02-Jun-25	07-Oct-22	09-Jul-25	37	
03-1370_1(M34)	Landscape and Visual Plan	180	180	0%	31-Aug-22	26-Feb-23	24-Sep-22	22-Mar-23	24	
Fire Services Installations (FSI) Certificatie		0	0		29-Oct-22	29-Oct-22	10-Nov-22	10-Nov-22	12	
Fire Services Installations Certificate Inspection		0	0		29-Oct-22	29-Oct-22	10-Nov-22	10-Nov-22	12	
03-1555-1(5a)	Approval of General Building Plans and FSI Provision Des	0	0	0%		29-Oct-22		10-Nov-22	12	
General Submissions		1108	120		31-May-22	28-Dec-22	02-Sep-22	30-Dec-22	2	
Contractor's Plans Submission and Approval		1108	120		31-May-22	28-Dec-22	02-Sep-22	30-Dec-22	2	
BEAM Plus Assesment		1108	120		31-May-22	28-Dec-22	02-Sep-22	30-Dec-22	2	
04-1500-1(1)	Provisional Assessment	1108	120	89.17%	31-May-22	28-Dec-22*	02-Sep-22	30-Dec-22	2	
Design Submissions		1647	274		27-Nov-18 A	31-May-23	23-Aug-22	03-Jul-23	33	
General Building Plan		456	60		03-Mar-21 A	29-Oct-22	12-Sep-22	26-Dec-22	58	
04-1600(M42)	Process Building & Wastewater Treatment Plant	135	60	55.56%	03-Jun-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1610(M42)	Turbin Hall Building	135	60	55.56%	03-Mar-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1620(M42)	Compressor & CCCW Building	135	60	55.56%	03-Mar-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1630(M42)	Chimney	135	60	55.56%	03-Mar-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1640(M42)	Mechanical Treatment Plant & Water Treatment Plant	135	60	55.56%	03-Jun-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1650(M42)	Reception Pavilion	135	60	55.56%	03-Jun-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1660(M42)	Administration Building and Viewing Gallery	135	60	55.56%	03-Jun-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1670(M42)	Elevated Drive Way and Associated Structures	135	60	55.56%	03-Mar-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1680(M42)	IWMF Substation	135	60	55.56%	03-Mar-21 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
04-1690(M46)	ACC Equipment Structure	60	60	0%	31-Aug-22	29-Oct-22	12-Sep-22	10-Nov-22	12	

Progarmme for Design and Construction Works (Rev WP-6E-M57)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

Date	Revision	Checked	Approved
04/12/17	Rev. 0 - 1st Issue		
30-Jun-22	Rev 6E - Jun 2022 Update		
31-Jul-22	Rev 6E - Jul 2022 Update		
31-Aug-22	Rev 6E - Aug 2022 Update		

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
04-1730	Weighbridge	60	30	0%	22-Apr-22 A	29-Oct-22	27-Nov-22	26-Dec-22	58	
AIP Design Package Submissions		1594	221		27-Nov-18 A	08-Apr-23	23-Aug-22	14-Apr-23	6	
AIP Process and Layout Design (2.1)		96	4		30-Apr-22 A	03-Sep-22	05-Nov-22	08-Nov-22	66	
MSW treatment process design for mechanical treatment (2.1.02)		96	4		30-Apr-22 A	03-Sep-22	05-Nov-22	08-Nov-22	66	
05-1090	Mechanical Treatment Plant	96	4	5%	30-Apr-22 A	03-Sep-22	05-Nov-22	08-Nov-22	66	
AIP Ground Treatment, Reclamation, Seawall, Breakwater, Berth (2.2)		424	0		31-May-21	31-Aug-22	24-Aug-22	24-Aug-22	-6	
05-2970	Onshore crane Facility (2.2.11)	90	0	5%	30-Apr-22 A	31-Aug-22	24-Aug-22	24-Aug-22	-6	
05-2980	Onshore vessel power supply system (2.2.12)	135	0	80%	31-May-21	31-Aug-22	24-Aug-22	24-Aug-22	-6	
AIP Incineration Plant Buildings (2.3)		1433	60		27-Nov-18 A	29-Oct-22	10-Sep-22	06-Jan-23	69	
General Layout Drawings and Fire Saftey Strategy (2.3.00)		1433	60		27-Nov-18 A	29-Oct-22	12-Sep-22	29-Nov-22	31	
05-1210	Process Building & Wastewater Treatment Plant (2.3.00.0	105	30	65%	31-Aug-21 A	29-Sep-22	12-Sep-22	11-Oct-22	12	
05-1220	ACC Equipment Structure	60	60	0%	31-Aug-22	29-Oct-22	01-Oct-22	29-Nov-22	31	
05-2020	Administration Building and Viewing Gallery (2.7.00)	135	30	65%	27-Nov-18 A	29-Sep-22	12-Sep-22	11-Oct-22	12	
05-2640	IWMF Site Wide Architectural Details (2.9.00)	105	30	5%	31-Aug-21 A	29-Sep-22	12-Sep-22	11-Oct-22	12	
05-3020	Site Master Layout Plan and Plant Layout (2.1.06)	105	30	65%	31-Jul-21 A	29-Sep-22	12-Sep-22	11-Oct-22	12	
Operation Management System (2.3.03.04)		121	30		14-Feb-22 A	29-Sep-22	10-Sep-22	13-Oct-22	14	
05-2250	Design of the Air Quality Monitoring Stations (2.9.01)	60	30	25%	01-Jun-22 A	29-Sep-22	10-Sep-22	09-Oct-22	10	
05-3840-1(M22)	Automatic Traffic Control System (ATCS) (2.10.06.12)	90	30	5%	14-Feb-22 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
Building services design (excluding fire services installation design) (2.3.0		1397	60		02-Jan-19 A	29-Oct-22	12-Sep-22	06-Jan-23	69	
05-1550	Electrical Services and Lighting	150	60	25%	02-Jan-19 A	29-Oct-22	31-Oct-22	29-Dec-22	61	
05-1600	ELV (7 Packages)	135	60	25%	28-Feb-19 A	29-Oct-22	31-Oct-22	29-Dec-22	61	
05-1610	Lifts and Escalators (2 Packages)	135	60	5%	01-Nov-19 A	29-Oct-22	08-Nov-22	06-Jan-23	69	
05-1770	Vehicle & Container Wash System	60	60	0%	31-Aug-22	29-Oct-22	17-Sep-22	15-Nov-22	17	
05-1770-1(M20)	Water Cannon System	135	60	45%	31-Aug-19 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
AIP Fire services installation design (2.3.05)		135	30		09-Jul-19 A	28-Nov-22	11-Nov-22	10-Dec-22	12	
Process Building (2.3.05.01)		135	30		09-Jul-19 A	28-Nov-22	11-Nov-22	10-Dec-22	12	
05-1510	Fire Systems	105	30	5%	09-Jul-19 A	28-Nov-22	11-Nov-22	10-Dec-22	12	
05-1530	FS schematics	135	30	5%	09-Jul-19 A	28-Nov-22	11-Nov-22	10-Dec-22	12	
AIP Mechanical Treatment Plant Building (2.4)		1329	180		09-Jul-19 A	26-Feb-23	09-Sep-22	14-Apr-23	47	
05-1670	Electrical and instrumentation works design (2.4.03)	180	180	0%	31-Aug-22*	26-Feb-23	17-Oct-22	14-Apr-23	47	
05-1680	Mechanical works design (2.4.04)	180	180	0%	31-Aug-22*	26-Feb-23	17-Oct-22	14-Apr-23	47	
05-1690	Fire services installation design (2.4.05) (3 Packages)	135	60	5%	09-Jul-19 A	29-Oct-22	11-Nov-22	09-Jan-23	72	
Building services design (excluding fire services installation design) (2.4.0		135	135		31-Aug-22	12-Jan-23	09-Sep-22	21-Jan-23	9	
05-1730	Plumbing	90	90	0%	31-Aug-22	28-Nov-22	21-Sep-22	19-Dec-22	21	
05-1740	Drainage	90	90	0%	31-Aug-22	28-Nov-22	21-Sep-22	19-Dec-22	21	
05-1750	ELV	90	90	0%	31-Aug-22	28-Nov-22	01-Oct-22	29-Dec-22	31	
05-1760	Lifts	135	135	0%	31-Aug-22	12-Jan-23	09-Sep-22	21-Jan-23	9	
AIP Wastewater Treatment Plant (2.5)		135	60		09-Jul-19 A	28-Dec-22	11-Nov-22	09-Jan-23	12	
05-2790	Fire services installation design (2.5.05)	135	60	5%	09-Jul-19 A	28-Dec-22	11-Nov-22	09-Jan-23	12	
AIP Water Treatment Plant Building (2.6)		1279	60		30-Apr-19 A	29-Oct-22	23-Aug-22	10-Dec-22	42	
05-1910	Foundation design (2.6.01)	60	60	0%	31-Aug-22	29-Oct-22	23-Aug-22	21-Oct-22	-8	
05-1920	Structural design (2.6.02)	90	60	5%	31-Oct-21 A	29-Oct-22	22-Sep-22	20-Nov-22	22	
05-1950	Fire services installation design (2.6.05) (3 Packages)	105	60	5%	09-Jul-19 A	29-Oct-22	12-Sep-22	10-Nov-22	12	
Building services design (excluding fire services installation design) (2.6.0		135	60		30-Apr-19 A	29-Oct-22	12-Oct-22	10-Dec-22	42	
05-1990	Plumbing	135	60	25%	30-Apr-19 A	29-Oct-22	12-Oct-22	10-Dec-22	42	
05-2000	Drainage	135	60	5%	30-Apr-19 A	29-Oct-22	12-Oct-22	10-Dec-22	42	
AIP Administration Building (2.7)		227	60		31-Oct-19 A	29-Oct-22	24-Oct-22	09-Jan-23	72	
05-2060	Fire services installation design (3 Packages) (2.7.04)	135	60	5%	31-Oct-19 A	29-Oct-22	11-Nov-22	09-Jan-23	72	
Building services design (excluding fire services installation design) (2.7.0		135	60		31-Jan-20 A	29-Oct-22	24-Oct-22	22-Dec-22	54	
05-2130	Lifts and Escalators	135	60	5%	31-Jan-20 A	29-Oct-22	24-Oct-22	22-Dec-22	54	
AIP Chimney		90	90		31-Aug-22	28-Nov-22	11-Nov-22	08-Feb-23	72	
05-7390	Fire services installation design	90	90	0%	31-Aug-22	28-Nov-22	11-Nov-22	08-Feb-23	72	
AIP Elevated Drive Way and Associated Structures Foundation		105	60		31-Dec-21 A	29-Oct-22	17-Sep-22	15-Nov-22	17	
Building services design (excluding fire services installation design)		105	60		31-Dec-21 A	29-Oct-22	17-Sep-22	15-Nov-22	17	
05-7090	Electrical Services and Lighting	105	60	5%	31-Dec-21 A	29-Oct-22	17-Sep-22	15-Nov-22	17	
AIP Roads and Utilities (2.10)		1235	75		28-Jun-19 A	13-Nov-22	14-Sep-22	08-Dec-22	25	
Water supply system design on the Artificial Island (2.10.04)		1080	75		30-Nov-19 A	13-Nov-22	25-Sep-22	08-Dec-22	25	
05-2360	Water Tanks (2.10.04.05)	75	75	0%	31-Aug-22	13-Nov-22	25-Sep-22	08-Dec-22	25	
05-2370	External FS Systems (2.10.04.06)	105	60	5%	30-Nov-19 A	29-Oct-22	25-Sep-22	23-Nov-22	25	

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30-Jun-22	Rev 6E - Jun 2022 Update		
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31-Aug-22	Rev 6E - Aug 2022 Update		

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
Design of telecommunication and other utilities (2.10.06)		1173	60		28-Jun-19 A	29-Oct-22	14-Sep-22	23-Nov-22	25	
05-2380	Power Distribution System concept / schematics (2.10.06	135	30	5%	31-Jan-21 A	29-Sep-22	29-Sep-22	28-Oct-22	29	
05-2410	Site ELV Network System - Communications System con	135	60	5%	31-Oct-20 A	29-Oct-22	25-Sep-22	23-Nov-22	25	
05-2420	Site ELV Network System - Security Systems concept / sc	135	60	5%	31-Oct-20 A	29-Oct-22	25-Sep-22	23-Nov-22	25	
05-2430	Site ELV Network System - Navigation aids concept / sche	105	45	57.14%	31-May-22	14-Oct-22	25-Sep-22	08-Nov-22	25	
05-2440	Microwave transmission of FS direct link (2.10.06.07)	105	30	45%	28-Jun-19 A	29-Sep-22	20-Sep-22	19-Oct-22	20	
05-2450	Fuel Handling System concept / schematics (2.10.06.08)	135	30	5%	24-Jan-20 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
AIP Architectural, Finishes and Landscaping Works (2.11)		759	90		31-Oct-20 A	28-Nov-22	01-Sep-22	29-Dec-22	31	
External and internal finishes design		652	30		31-Oct-20 A	29-Sep-22	01-Sep-22	13-Oct-22	14	
05-2510	External and internal finishes design for Incineration Plant	105	30	80%	31-Oct-20 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
05-2520	External and internal finishes design for ACC Equipment Y	75	30	60%	31-May-22	29-Sep-22	14-Sep-22	13-Oct-22	14	
05-2530	External and internal finishes design for Turbine Hall Build	105	0	80%	31-Oct-20 A	31-Aug-22	13-Oct-22	13-Oct-22	44	
05-2540	External and internal finishes design for CCCW Building	105	1	80%	31-Oct-20 A	31-Aug-22	13-Oct-22	13-Oct-22	43	
05-2550	External and internal finishes design for Chimney	60	30	80%	31-May-22	29-Sep-22	14-Sep-22	13-Oct-22	14	
05-2560	External and internal finishes design for Reception Pavilion	105	30	80%	31-Oct-20 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
05-2570	External and internal finishes design for MT Plant Building	105	30	45%	31-Oct-20 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
05-2580	External and internal finishes design for the Wastewater T	105	30	80%	30-Sep-21 A	29-Sep-22	06-Sep-22	05-Oct-22	6	
05-2590	External and internal finishes design for the Water Treatm	105	30	25%	30-Sep-21 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
05-2600	External and internal finishes design for the Administratio	105	30	45%	31-Oct-20 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
05-2610	External and internal finishes design for the IWMF Substa	105	10	80%	31-Oct-20 A	09-Sep-22	01-Sep-22	10-Sep-22	1	
05-5410	External and internal finishes design for Elevated Driveway	105	30	80%	31-Jul-21 A	29-Sep-22	14-Sep-22	13-Oct-22	14	
Facade Structural Design		90	90		31-Aug-22	28-Nov-22	01-Oct-22	29-Dec-22	31	
05-8090(6D)10	Sky Deck near Administration Building Structural Design	90	90	0%	31-Aug-22	28-Nov-22	01-Oct-22	29-Dec-22	31	
AIP Transportation Facilities for the Operation (2.13)		105	10		30-Sep-20 A	09-Sep-22	03-Oct-22	12-Oct-22	33	
05-2690	Design of vehicles for MSW and Ash and Residues delive	105	10	65%	30-Sep-20 A	09-Sep-22	03-Oct-22	12-Oct-22	33	
AIP Miscellaneous Works (2.14)		105	105		31-Aug-22	13-Dec-22	14-Oct-22	26-Jan-23	44	
05-2710	Design of process related CCTV and existing onshore crai	105	105	0%	31-Aug-22	13-Dec-22	14-Oct-22	26-Jan-23	44	
AIP Miscellaneous Detailing (2.15)		90	90		31-Aug-22	28-Nov-22	28-Oct-22	22-Feb-23	86	
05-2740	Gatehouses (2.15.03)	90	90	0%	31-Aug-22	28-Nov-22	28-Oct-22	25-Jan-23	58	
05-2750	Weighbridge office (2.15.04)	90	90	0%	31-Aug-22	28-Nov-22	25-Nov-22	22-Feb-23	86	
AIP O&M Packages		190	190		01-Oct-22	08-Apr-23	01-Oct-22	08-Apr-23	0	
05-8050-1(M55)	Design of (pilot) Electric Vehicle	190	190	0%	01-Oct-22*	08-Apr-23	01-Oct-22	08-Apr-23	0	
DDA Design Package Submissions		1593	274		20-Jan-19 A	31-May-23	25-Aug-22	03-Jul-23	33	
DDA Process and Layout Design (2.1)		809	109		30-Sep-20 A	17-Dec-22	01-Sep-22	21-Feb-23	66	
MSW treatment process design for mechanical treatment (2.1.14)		686	109		31-Jan-21 A	17-Dec-22	09-Nov-22	21-Feb-23	66	
05-3500	Mechanical Treatment Plant (2.1.14)	105	105	0%	04-Sep-22	17-Dec-22	09-Nov-22	21-Feb-23	66	
05-3510	Water Treatment Plant and Boiler Water Treatment (Demi	105	60	5%	31-Jan-21 A	29-Oct-22	14-Nov-22	12-Jan-23	75	
Flue gas treatment process design for incineration (2.1.16)		105	60		30-Sep-20 A	29-Oct-22	01-Sep-22	30-Oct-22	1	
05-4660	Flue Gas Treatment System (2 Packages)	105	60	45%	30-Sep-20 A	29-Oct-22	01-Sep-22	30-Oct-22	1	
DDA Ground Treatment, Reclamation, Seawall, Breakwater, Berth (2.2)		1409	90		20-Jan-19 A	28-Nov-22	25-Aug-22	22-Nov-22	-6	
05-3430-2(M37)	Geotechnical Interpretative Report (2.2.02.02)	105	10	65%	31-Dec-20 A	09-Sep-22	16-Sep-22	26-Sep-22	16	
05-3450	Seawall design (2.2.20)	60	10	65%	20-Jan-19 A	09-Sep-22	03-Sep-22	12-Sep-22	3	
05-3480	Onshore crane Facility (2.2.23)	90	90	0%	31-Aug-22	28-Nov-22	25-Aug-22	22-Nov-22	-6	
05-3490	Onshore vessel power supply system (2.2.24)	90	90	0%	31-Aug-22	28-Nov-22	25-Aug-22	22-Nov-22	-6	
DDA Incineration Plant Buildings (2.3)		1185	150		31-Oct-19 A	27-Jan-23	01-Sep-22	08-Feb-23	12	
Foundation design (2.3.13)		90	20		08-Jul-21 A	19-Sep-22	01-Sep-22	20-Sep-22	1	
05-3240	Turbin Hall Building	90	20	80%	08-Jul-21 A	19-Sep-22	01-Sep-22	20-Sep-22	1	
Structural design (2.3.14)		189	0		03-Jun-21 A	31-Aug-22	30-Sep-22	30-Sep-22	31	
05-5350	Turbin Hall Building (2.3.14.03)	189	0	45%	03-Jun-21 A	31-Aug-22	30-Sep-22	30-Sep-22	31	
Electrical and instrumentation works design (2.3.15)		455	120		27-Nov-20 A	28-Dec-22	04-Sep-22	11-Jan-23	14	
2.3.15.01		105	30		05-Nov-21 A	29-Sep-22	04-Sep-22	03-Oct-22	4	
05-3360	11kV/380V Power Transformers Design (2.3.15.01)	105	30	80%	05-Nov-21 A	29-Sep-22	04-Sep-22	03-Oct-22	4	
E&IC Package 1 (Process Island) (2.3.15.02)		378	1		27-Nov-20 A	31-Aug-22	14-Sep-22	10-Oct-22	40	
05-3370	Electric Heat Tracing (Process Island) (2.3.15.02.10)	120	1	5%	17-Feb-22 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-11(M55)	Electrical Works - Process Island Uninterruptable Power	105	1	80%	27-Nov-20 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-13(M55)	Electrical Works E&I Installation at Yard (2.3.15.02.08)	105	1	25%	07-May-22	31-Aug-22	14-Sep-22	14-Sep-22	14	
05-3390-6(M55)	Electrical Works Instrumentation (2.3.15.02.06)	105	1	80%	15-Oct-21 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-9(M55)	Electrical Works - VSD (2.3.15.02.02)	105	1	80%	15-Dec-20 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-7400-1(M55)	Electrical works CEMS and Process Analysers (2.3.15.02	105	1	5%	12-Jul-21 A	31-Aug-22	10-Oct-22	10-Oct-22	40	

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Operation Management System (2.3.15.04)		90	90		30-Sep-22	28-Dec-22	10-Oct-22	11-Jan-23	14	
05-4490	Design of the Air Quality Monitoring Stations (2.9.03)	60	60	0%	30-Sep-22	28-Nov-22	10-Oct-22	08-Dec-22	10	
05-5400-1(M22)	Automatic Traffic Control System (ATCS)	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
2.3.15.05		105	1		15-Jul-21 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-15(M55)	Electrical and Instrumentation Works Design - Balance of	105	1	80%	07-May-22	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-16(M55)	Package 3 (Balance of Plant) - Weighbridge Electrical &	105	1	45%	04-Jan-22 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-17(M55)	Waste Crane Functional Description (2.3.15.05.08)	105	1	80%	15-Jul-21 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-3(M55)	Electrical and Instrumentation Works Design - Compress	105	1	80%	29-Nov-21 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
05-3390-5(M55)	Electrical and Instrumentation Works - Ash Crane (2.3.15	105	1	80%	30-Aug-21 A	31-Aug-22	10-Oct-22	10-Oct-22	40	
Mechanical works design (2.3.16)		683	120		31-Oct-19 A	28-Dec-22	03-Sep-22	01-Jan-23	4	
Plant and Equipment		471	120		31-Oct-19 A	28-Dec-22	03-Sep-22	01-Jan-23	4	
05-3590	Waste Crane and Grapple System (2.3.15.05.04)	105	1	80%	30-Sep-20 A	31-Aug-22	03-Sep-22	03-Sep-22	3	
05-3790	Flue Gas Treatment System (12 Packages)	105	60	25%	31-Oct-19 A	28-Dec-22	31-Oct-22	29-Dec-22	1	
05-3810	Steam Turbine Generator (STG) and Pressure Reducing a	105	60	5%	31-Oct-20 A	29-Oct-22	03-Nov-22	01-Jan-23	64	
05-3825(3)	Closed Circuit Cooling Water System	105	30	5%	31-Oct-20 A	29-Sep-22	15-Sep-22	14-Oct-22	15	
Process Pipeworks (Incl. Ductworks) and Valves		105	3		31-May-21	02-Sep-22	11-Sep-22	13-Sep-22	11	
05-4950	Turbine Hall	105	3	5%	31-May-21	02-Sep-22	11-Sep-22	13-Sep-22	11	
Process steel structure support (For eqipment, piping & duct, cable tray e		376	30		31-Aug-20 A	29-Sep-22	23-Sep-22	15-Dec-22	77	
05-3540	Pipe Rack C1, C2, C3, D1 & D2 (Prefab.3)	105	30	5%	29-May-21	29-Sep-22	16-Nov-22	15-Dec-22	77	
05-3550	Turbine Hall	105	1	5%	31-Aug-20 A	31-Aug-22	23-Sep-22	23-Sep-22	23	
Building services design (excluding fire services installation design) (2.3.1		90	90		30-Oct-22	27-Jan-23	11-Nov-22	08-Feb-23	12	
05-3780	Vehicle & Container Wash System	60	60	0%	30-Oct-22	28-Dec-22	16-Nov-22	14-Jan-23	17	
05-3780-2(M20)	Water Cannon System	90	90	0%	30-Oct-22	27-Jan-23	11-Nov-22	08-Feb-23	12	
General Layout Drawings and Fire Saftey Strategy (2.3.25)		184	105		13-Jun-22 A	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-3290	Process Building & Wastewater Treatment Plant	105	105	0%	13-Jun-22 A	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-3300	ACC Equipment Structure	105	105	0%	31-Aug-22	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-3330	Chimney	105	105	0%	31-Aug-22	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-3350	Reception Pavilion	105	105	0%	31-Aug-22	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-3520	Site Master Layout Plan and Plant Layout	105	105	0%	31-Aug-22	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-4170	Administration Building and Viewing Gallery (2.7.21)	105	105	0%	31-Aug-22	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-5160	Mechanical Treatment Plant & Water Treatment Plant (2.4	105	105	0%	31-Aug-22	13-Dec-22	16-Sep-22	29-Dec-22	16	
05-6110(M46)	Gate House and miscellaneous	105	105	0%	31-Aug-22	13-Dec-22	16-Sep-22	29-Dec-22	16	
DDA Mechanical Treatment Plant Building (2.4)		105	105		31-Aug-22	13-Dec-22	22-Sep-22	18-Feb-23	67	
05-5170	Foundation design (2.4.13)	90	90	0%	31-Aug-22	28-Nov-22	22-Sep-22	20-Dec-22	22	
05-5180	Structural design (2.4.14)	105	105	0%	31-Aug-22	13-Dec-22	06-Nov-22	18-Feb-23	67	
DDA Wastewater Treatment Plant (2.5)		90	90		30-Oct-22	27-Jan-23	11-Nov-22	08-Feb-23	12	
05-3970	Fire services installation design (2.5.17) (2 Packages)	90	90	0%	30-Oct-22	27-Jan-23	11-Nov-22	08-Feb-23	12	
DDA Water Treatment Plant Building (2.6)		242	150		11-Apr-22 A	27-Jan-23	22-Oct-22	07-Apr-23	70	
05-4060	Foundation design (2.6.13)	60	60	0%	30-Oct-22	28-Dec-22	22-Oct-22	20-Dec-22	-8	
05-4070	Structural design (2.6.14)	90	90	0%	30-Oct-22	27-Jan-23	21-Nov-22	18-Feb-23	22	
Electrical and instrumentation works design (2.6.15)		238	146		11-Apr-22 A	23-Jan-23	13-Nov-22	07-Apr-23	74	
05-4080	Water Treatment Plant (WTP) - Variable Speed Drive (2.6	238	146	5%	11-Apr-22 A	23-Jan-23	13-Nov-22	07-Apr-23	74	
DDA IWMF Substation (2.8)		90	90		31-Aug-22	28-Nov-22	01-Oct-22	06-Feb-23	70	
Building services design (excluding fire services installation design) (2.8.1		90	90		31-Aug-22	28-Nov-22	01-Oct-22	06-Feb-23	70	
05-4990	Electrical Services and Lighting	90	90	0%	31-Aug-22	28-Nov-22	01-Oct-22	29-Dec-22	31	
05-5010	Plumbing	90	90	0%	31-Aug-22	28-Nov-22	09-Nov-22	06-Feb-23	70	
05-5020	Drainage	90	90	0%	31-Aug-22	28-Nov-22	09-Nov-22	06-Feb-23	70	
05-5030-1	Building Management System (BMS)	90	90	0%	31-Aug-22	28-Nov-22	09-Nov-22	06-Feb-23	70	
DDA Air Cool Condensers Equipment (2.3.06)		90	90		31-Aug-22	28-Nov-22	11-Nov-22	08-Feb-23	72	
Building services design (excluding fire services installation design) (2.3.0		90	90		31-Aug-22	28-Nov-22	11-Nov-22	08-Feb-23	72	
05-5520	Plumbing	90	90	0%	31-Aug-22	28-Nov-22	11-Nov-22	08-Feb-23	72	
DDA Elevated Drive Way and Associated Structures Foundation		150	150		31-Aug-22	27-Jan-23	16-Nov-22	13-Feb-23	17	
Building services design (excluding fire services installation design)		150	150		31-Aug-22	27-Jan-23	16-Nov-22	13-Feb-23	17	
05-5560	Building Management System (BMS)	90	90	0%	31-Aug-22	28-Nov-22	16-Nov-22	13-Feb-23	77	
05-7240	Electrical Services and Lighting	90	90	0%	30-Oct-22	27-Jan-23	16-Nov-22	13-Feb-23	17	
DDA Reception Pavilion		105	60		08-May-20	29-Oct-22	14-Oct-22	12-Dec-22	44	
05-5390	Structural Design	105	60	5%	08-May-20	29-Oct-22	14-Oct-22	12-Dec-22	44	
DDA Roads and Utilities (2.10)		408	165		31-Dec-21 A	11-Feb-23	06-Sep-22	10-Mar-23	27	
Permanent road works layout on the Artificial Island (2.10.13)		90	90		31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	

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05-4470	Roads and hardstandings layout	90	90	0%	31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	
05-4480	Road signage and markings	90	90	0%	31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	
Sewerage design on the Artificial Island (2.10.14)		90	4		13-Jan-22 A	03-Sep-22	06-Sep-22	09-Sep-22	6	
05-4440-1(M55)	Ship-to-shore Sewage Transfer System for IWMF Vessels	90	4	45%	13-Jan-22 A	03-Sep-22	06-Sep-22	09-Sep-22	6	
Drainage system design on the Artificial Island (2.10.15)		333	90		31-Dec-21 A	28-Nov-22	14-Oct-22	11-Jan-23	44	
05-5310	Surface water Drainage System	90	90	0%	31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	
05-5320	First Flush Drainage System concept	105	60	45%	31-Dec-21 A	29-Oct-22	13-Nov-22	11-Jan-23	74	
Water supply system design on the Artificial Island (2.10.16)		165	165		31-Aug-22	11-Feb-23	14-Oct-22	10-Mar-23	27	
05-5250	Potable Water Distribution System	105	105	0%	31-Aug-22	13-Dec-22	26-Nov-22	10-Mar-23	87	
05-5260	Recycled Water System	105	105	0%	31-Aug-22	13-Dec-22	26-Nov-22	10-Mar-23	87	
05-5270	Irrigation System	90	90	0%	31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	
05-5280	Rainwater harvesting System	90	90	0%	31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	
05-5300	External FS Systems	105	105	0%	30-Oct-22	11-Feb-23	24-Nov-22	08-Mar-23	25	
05-5300-1(M24)	E&M system for seawater intake (2.10.16.07)	105	105	0%	31-Aug-22	13-Dec-22	26-Nov-22	10-Mar-23	87	
Design of telecommunication and other utilities (2.10.18)		135	135		31-Aug-22	12-Jan-23	14-Oct-22	06-Feb-23	25	
05-4580	Power Distribution System concept / schematics	75	75	0%	30-Sep-22	13-Dec-22	29-Oct-22	11-Jan-23	29	
05-4600	Lightning Protection System concept / schematics	90	90	0%	31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	
05-4610	Site ELV Network System - Communications System con	75	75	0%	30-Oct-22	12-Jan-23	24-Nov-22	06-Feb-23	25	
05-4620	Site ELV Network System - Security Systems concept / s	75	75	0%	30-Oct-22	12-Jan-23	24-Nov-22	06-Feb-23	25	
05-4630	Site ELV Network System - Navigation aids concept / sch	90	90	0%	15-Oct-22	12-Jan-23	09-Nov-22	06-Feb-23	25	
05-4640	Microwave transmission of FS direct link	105	105	0%	30-Sep-22	12-Jan-23	20-Oct-22	01-Feb-23	20	
05-4650	Fuel Handling System concept / schematics	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
DDA Architectural, Finishes and Landscaping Works (2.11)		120	120		31-Aug-22	28-Dec-22	11-Sep-22	12-Feb-23	46	
External and internal finishes design		120	120		31-Aug-22	28-Dec-22	11-Sep-22	11-Jan-23	14	
05-4670	External and internal finishes design for Incineration Plant	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
05-4680	External and internal finishes design for ACC Equipment \	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
05-4690	External and internal finishes design for Turbine Hall Build	90	90	0%	31-Aug-22	28-Nov-22	14-Oct-22	11-Jan-23	44	
05-4700	External and internal finishes design for CCCW Building	90	90	0%	01-Sep-22	29-Nov-22	14-Oct-22	11-Jan-23	43	
05-4710	External and internal finishes design for Chimney	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
05-4720	External and internal finishes design for Reception Pavilion	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
05-4730	External and internal finishes design for MT Plant Building	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
05-4740	External and internal finishes design for the Wastewater T	60	60	0%	30-Sep-22	28-Nov-22	06-Oct-22	04-Dec-22	6	
05-4750	External and internal finishes design for the Water Treatm	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
05-4760	External and internal finishes design for the Administratio	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
05-4770	External and internal finishes design for the IWMF Substa	90	90	0%	10-Sep-22	08-Dec-22	11-Sep-22	09-Dec-22	1	
05-5420	External and internal finishes design for Elevated Driveway	90	90	0%	30-Sep-22	28-Dec-22	14-Oct-22	11-Jan-23	14	
Facade Structural Design		90	90		31-Aug-22	28-Nov-22	15-Nov-22	12-Feb-23	76	
05-8010(M45)	IWMF Sub-station	90	90	0%	31-Aug-22	28-Nov-22	15-Nov-22	12-Feb-23	76	
DDA Testing and Commissioning (2.12)		105	10		19-May-22	09-Sep-22	22-Sep-22	01-Oct-22	22	
05-4810-2(M55)	FAT of DCS - Software SIL FAT Plant for Process Island (	105	10	80%	19-May-22	09-Sep-22	22-Sep-22	01-Oct-22	22	
DDA Transportation Facilities for the Operation (2.13)		341	274		25-Jun-22 A	31-May-23	03-Oct-22	03-Jul-23	33	
05-4850	Design of vehicles for MSW and Ash and Residues delive	341	264	0%	25-Jun-22 A	31-May-23	13-Oct-22	03-Jul-23	33	
05-4860	Design of marine vessels for the use of the Employer and	274	274	0%	31-Aug-22	31-May-23	03-Oct-22	03-Jul-23	33	
DDA Auxiliary Plant Systems (2.16)		90	62		26-Apr-22 A	31-Oct-22	04-Sep-22	04-Nov-22	4	
05-4940-3(6E)	EOTC System (2.16.11)	90	62	5%	26-Apr-22 A	31-Oct-22	04-Sep-22	04-Nov-22	4	
Procurement of Major Equipment		1102	450		29-Mar-20 A	23-Nov-23	17-Jul-22	17-Nov-23	-6	
Off-site Fabrication of Incineration Modules		900	248		13-Oct-20 A	05-May-23	17-Jul-22	18-Apr-23	-17	
Fabrication of Module (TPU)		900	248		13-Oct-20 A	05-May-23	17-Jul-22	13-Apr-23	-22	
PFab 1- Line 1		803	151		13-Oct-20 A	28-Jan-23	17-Jul-22	14-Dec-22	-45	
Structure Fabrication		200	52		13-Oct-20 A	21-Oct-22	04-Aug-22	24-Sep-22	-27	
06-TPU-1-1160	PFab 1-Line 1 - Tertiary Structure Fabrication	200	52	74%	13-Oct-20 A	21-Oct-22	04-Aug-22	24-Sep-22	-27	
Structure Erection		122	113		14-Jan-22 A	21-Dec-22	17-Jul-22	24-Nov-22	-27	
06-TPU-1-1070	PFab 1-Line 1 - 4th Floor(EL37.72m~EL47.22m) Primary	30	20	33.33%	03-May-22	19-Sep-22	17-Jul-22	05-Aug-22	-45	
06-TPU-1-1080	PFab 1-Line 1 - Top Floor(EL47.22m~EL54.47m) Primary	30	23	23.33%	17-Jun-22 A	22-Sep-22	22-Aug-22	13-Sep-22	-9	
06-TPU-1-1090	PFab 1-Line 1 - Tertiary Structure Erection	90	113	0%	14-Jan-22 A	21-Dec-22	04-Aug-22	24-Nov-22	-27	
Mechanical Erection		251	59		04-Feb-22 A	28-Oct-22	27-Jul-22	13-Sep-22	-45	
06-TPU-1-1100	PFab 1-Line 1 Mechanical Installation - 1st Floor (Below E	80	37	53.75%	04-Feb-22 A	06-Oct-22	08-Aug-22	13-Sep-22	-23	
06-TPU-1-1110	PFab 1-Line 1 Mechanical Installation - 2nd Floor(EL20.47	80	31	61.25%	22-Feb-22 A	06-Oct-22	14-Aug-22	13-Sep-22	-23	
06-TPU-1-1120	PFab 1-Line 1 Mechanical Installation - 3rd Floor(EL26.7	80	37	53.75%	06-May-22	06-Oct-22	08-Aug-22	13-Sep-22	-23	

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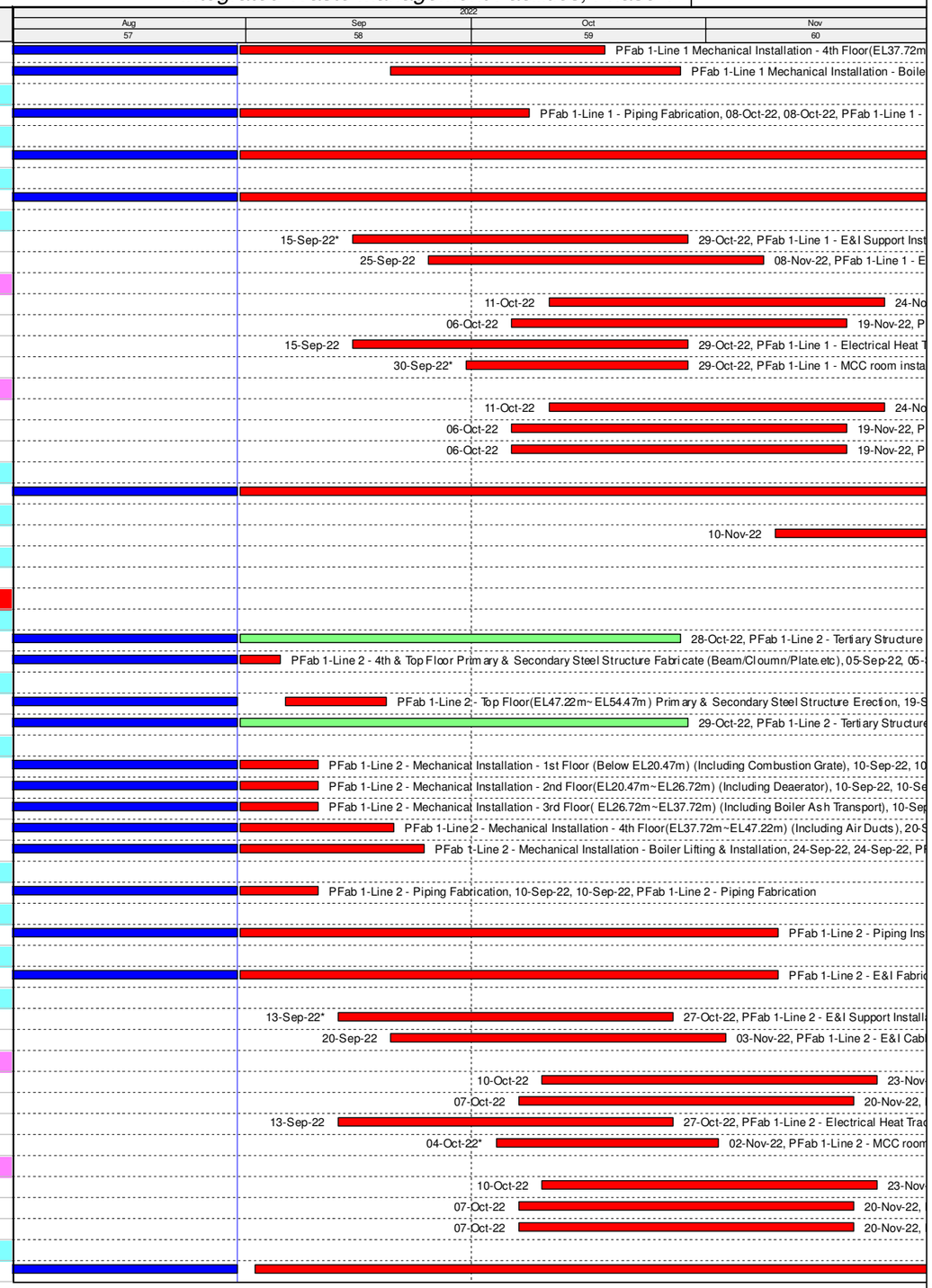
06-TPU-1-1130	PFab 1-Line 1 Mechanical Installation - 4th Floor(EL37.72	80	49	38.75%	18-Jun-22 A	18-Oct-22	27-Jul-22	13-Sep-22	-35	
06-TPU-1-1250	PFab 1-Line 1 Mechanical Installation - Boiler Lifting & Ins	80	39	51.25%	24-Jun-22 A	28-Oct-22	06-Aug-22	13-Sep-22	-45	
Piping Fabrication		200	39		10-Feb-21 A	08-Oct-22	17-Jul-22	24-Aug-22	-45	
06-TPU-1-1220	PFab 1-Line 1 - Piping Fabrication	200	39	80.5%	10-Feb-21 A	08-Oct-22	17-Jul-22	24-Aug-22	-45	
Piping Installation		150	93		05-Jul-22 A	01-Dec-22	17-Jul-22	17-Oct-22	-45	
06-TPU-1-1000	PFab 1-Line 1 - Piping installation	150	93	38%	05-Jul-22 A	01-Dec-22	17-Jul-22	17-Oct-22	-45	
E&I Fabrication		180	94		14-Apr-22 A	02-Dec-22	01-Aug-22	02-Nov-22	-30	
06-TPU-1-1230	PFab 1-Line 1 - E&I Fabrication	180	94	47.78%	14-Apr-22 A	02-Dec-22	01-Aug-22	02-Nov-22	-30	
E&I Installation		71	71		15-Sep-22	24-Nov-22	01-Aug-22	10-Oct-22	-45	
06-TPU-1-1260	PFab 1-Line 1 - E&I Support Installation	45	45	0%	15-Sep-22*	29-Oct-22	01-Aug-22	14-Sep-22	-45	
06-TPU-1-1270	PFab 1-Line 1 - E&I Cable Ladder Erection	45	45	0%	25-Sep-22	08-Nov-22	11-Aug-22	24-Sep-22	-45	
Electrical		71	71		15-Sep-22	24-Nov-22	27-Aug-22	10-Oct-22	-45	
06-TPU-1-1280	PFab 1-Line 1 - Electrical Cable Pulling and Termination	45	45	0%	11-Oct-22	24-Nov-22	27-Aug-22	10-Oct-22	-45	
06-TPU-1-1290	PFab 1-Line 1 - Electrical Equipment Installation	45	45	0%	06-Oct-22	19-Nov-22	27-Aug-22	10-Oct-22	-40	
06-TPU-1-1300	PFab 1-Line 1 - Electrical Heat Tracing Installation	45	45	0%	15-Sep-22	29-Oct-22	27-Aug-22	10-Oct-22	-19	
06-TPU-1-1340	PFab 1-Line 1 - MCC room installation	30	30	0%	30-Sep-22*	29-Oct-22	27-Aug-22	25-Sep-22	-34	
Instrument		50	50		06-Oct-22	24-Nov-22	27-Aug-22	10-Oct-22	-45	
06-TPU-1-1310	PFab 1-Line 1 - Instrument Cable Pulling and Termination	45	45	0%	11-Oct-22	24-Nov-22	27-Aug-22	10-Oct-22	-45	
06-TPU-1-1320	PFab 1-Line 1 - Instrument Equipment Installation	45	45	0%	06-Oct-22	19-Nov-22	27-Aug-22	10-Oct-22	-40	
06-TPU-1-1330	PFab 1-Line 1 - Instrument Tubing Installation	45	45	0%	06-Oct-22	19-Nov-22	27-Aug-22	10-Oct-22	-40	
Insulation		150	116		23-May-22	24-Dec-22	17-Jul-22	09-Nov-22	-45	
06-TPU-1-1020	PFab 1-Line 1 - Insulation	150	116	22.67%	23-May-22	24-Dec-22	17-Jul-22	09-Nov-22	-45	
Precommissioning		60	60		10-Nov-22	08-Jan-23	26-Sep-22	24-Nov-22	-45	
06-TPU-1-1030	PFab 1-Line 1 - Pre-commissioning	60	60	0%	10-Nov-22	08-Jan-23	26-Sep-22	24-Nov-22	-45	
Load out & Shipping		20	20		09-Jan-23	28-Jan-23	25-Nov-22	14-Dec-22	-45	
06-TPU-1-1040	PFab 1-Line 1 - Load out & ready to ship	20	20	0%	09-Jan-23	28-Jan-23	25-Nov-22	14-Dec-22	-45	
PFab 1- Line 2		537	130		09-Nov-20 A	07-Jan-23	26-Jul-22	30-Nov-22	-38	
Structure Fabrication		200	59		09-Nov-20 A	28-Oct-22	13-Aug-22	30-Nov-22	33	
06-TPU-2-1040	PFab 1-Line 2 - Tertiary Structure Fabrication	200	59	70.5%	09-Nov-20 A	28-Oct-22	03-Oct-22	30-Nov-22	33	
06-TPU-2-1200	PFab 1-Line 2 - 4th & Top Floor Primary & Secondary Ste	125	6	95.2%	08-Oct-21 A	05-Sep-22	13-Aug-22	18-Aug-22	-18	
Structure Erection		90	60		14-Jan-22 A	29-Oct-22	19-Aug-22	30-Nov-22	32	
06-TPU-2-1100	PFab 1-Line 2 - Top Floor(EL47.22m~EL54.47m) Primary	30	14	53.33%	17-May-22	19-Sep-22	19-Aug-22	01-Sep-22	-18	
06-TPU-2-1110	PFab 1-Line 2 - Tertiary Structure Erection	90	60	33.33%	14-Jan-22 A	29-Oct-22	02-Oct-22	30-Nov-22	32	
Mechanical Erection		242	25		04-Feb-22 A	24-Sep-22	08-Aug-22	01-Sep-22	-23	
06-TPU-2-1120	PFab 1-Line 2 - Mechanical Installation - 1st Floor (Below	80	11	86.25%	04-Feb-22 A	10-Sep-22	22-Aug-22	01-Sep-22	-9	
06-TPU-2-1130	PFab 1-Line 2 - Mechanical Installation - 2nd Floor(EL20.	80	11	86.25%	25-Feb-22 A	10-Sep-22	22-Aug-22	01-Sep-22	-9	
06-TPU-2-1140	PFab 1-Line 2 - Mechanical Installation - 3rd Floor(EL26.	80	11	86.25%	06-May-22	10-Sep-22	22-Aug-22	01-Sep-22	-9	
06-TPU-2-1150	PFab 1-Line 2 - Mechanical Installation - 4th Floor(EL37.7	80	21	73.75%	19-Jun-22 A	20-Sep-22	12-Aug-22	01-Sep-22	-19	
06-TPU-2-1240	PFab 1-Line 2 - Mechanical Installation - Boiler Lifting & In	80	25	68.75%	23-May-22	24-Sep-22	08-Aug-22	01-Sep-22	-23	
Piping Fabrication		180	11		09-Mar-21 A	10-Sep-22	06-Aug-22	16-Aug-22	-25	
06-TPU-2-1220	PFab 1-Line 2 - Piping Fabrication	180	11	93.89%	09-Mar-21 A	10-Sep-22	06-Aug-22	16-Aug-22	-25	
Piping Installation		150	72		27-May-22	10-Nov-22	06-Aug-22	16-Oct-22	-25	
06-TPU-2-1000	PFab 1-Line 2 - Piping Installation	150	72	52%	27-May-22	10-Nov-22	06-Aug-22	16-Oct-22	-25	
E&I Fabrication		180	72		14-Apr-22 A	10-Nov-22	06-Aug-22	16-Oct-22	-25	
06-TPU-2-1230	PFab 1-Line 2 - E&I Fabrication	180	72	60%	14-Apr-22 A	10-Nov-22	06-Aug-22	16-Oct-22	-25	
E&I Installation		72	72		13-Sep-22	23-Nov-22	06-Aug-22	16-Oct-22	-38	
06-TPU-2-1250	PFab 1-Line 2 - E&I Support Installation	45	45	0%	13-Sep-22*	27-Oct-22	06-Aug-22	19-Sep-22	-38	
06-TPU-2-1260	PFab 1-Line 2 - E&I Cable Ladder Erection	45	45	0%	20-Sep-22	03-Nov-22	13-Aug-22	26-Sep-22	-38	
Electrical		72	72		13-Sep-22	23-Nov-22	30-Aug-22	16-Oct-22	-38	
06-TPU-2-1270	PFab 1-Line 2 - Electrical Cable Pulling and Termination	45	45	0%	10-Oct-22	23-Nov-22	02-Sep-22	16-Oct-22	-38	
06-TPU-2-1280	PFab 1-Line 2 - Electrical Equipment Installation	45	45	0%	07-Oct-22	20-Nov-22	02-Sep-22	16-Oct-22	-35	
06-TPU-2-1290	PFab 1-Line 2 - Electrical Heat Tracing Installation	45	45	0%	13-Sep-22	27-Oct-22	02-Sep-22	16-Oct-22	-11	
06-TPU-2-1330	PFab 1-Line 2 - MCC room installation	30	30	0%	04-Oct-22*	02-Nov-22	30-Aug-22	28-Sep-22	-35	
Instrument		48	48		07-Oct-22	23-Nov-22	02-Sep-22	16-Oct-22	-38	
06-TPU-2-1300	PFab 1-Line 2 - Instrument Cable Pulling and Termination	45	45	0%	10-Oct-22	23-Nov-22	02-Sep-22	16-Oct-22	-38	
06-TPU-2-1310	PFab 1-Line 2 - Instrument Equipment Installation	45	45	0%	07-Oct-22	20-Nov-22	02-Sep-22	16-Oct-22	-35	
06-TPU-2-1320	PFab 1-Line 2 - Instrument Tubing Installation	45	45	0%	07-Oct-22	20-Nov-22	02-Sep-22	16-Oct-22	-35	
Insulation		150	113		22-May-22	23-Dec-22	26-Jul-22	15-Nov-22	-38	
06-TPU-2-1010	PFab 1-Line 2 - Insulation	150	113	24.67%	22-May-22	23-Dec-22	26-Jul-22	15-Nov-22	-38	



Progarmme for Design and Construction Works (Rev WP-6E-M57)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

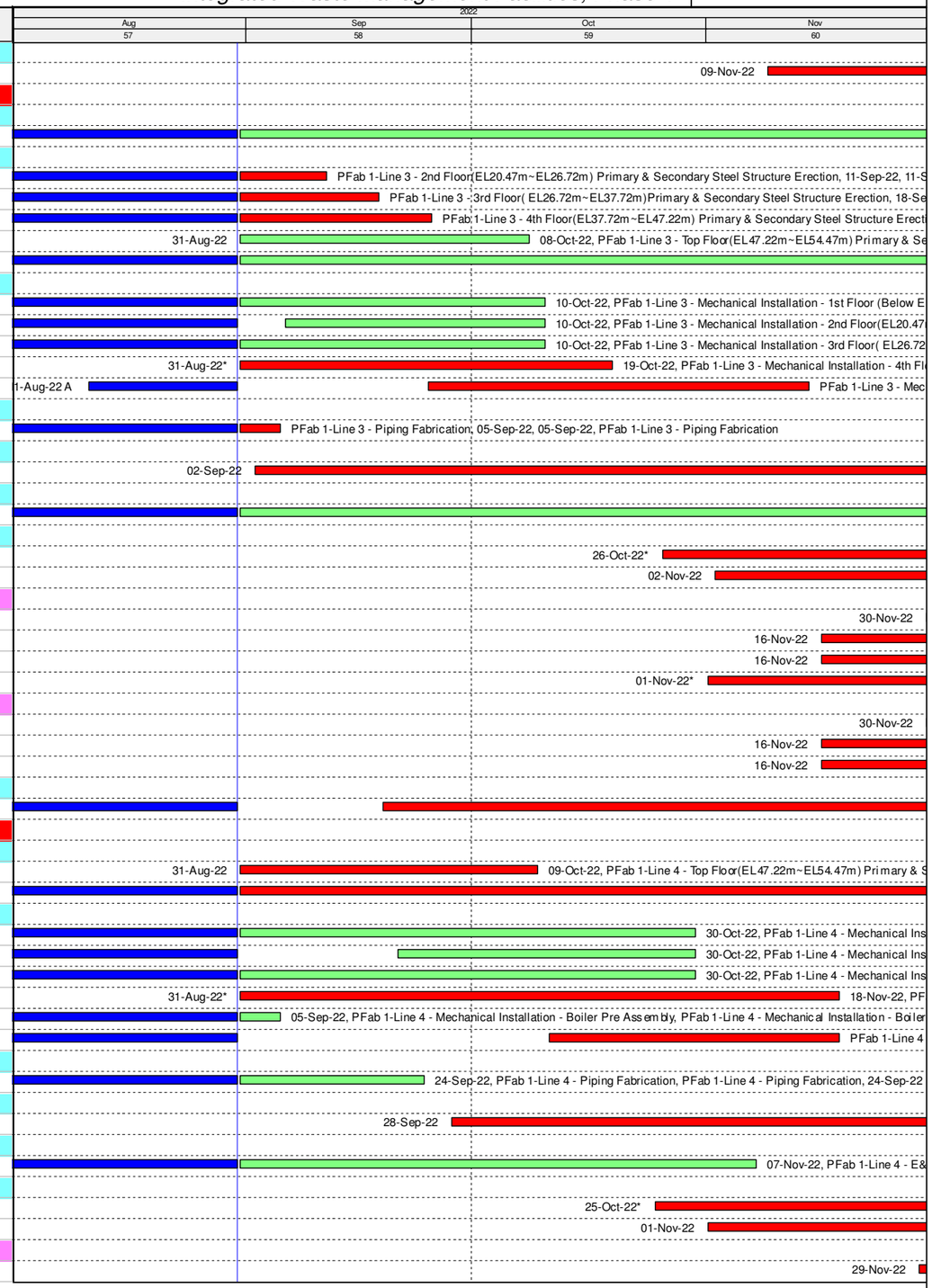
Date	Revision	Checked	Approved
04/12/17	Rev. 0 - 1st Issue		
30-Jun-22	Rev 6E - Jun 2022 Update		
31-Jul-22	Rev 6E - Jul 2022 Update		
31-Aug-22	Rev 6E - Aug 2022 Update		

Keppel Seghers
KEPPEL SEGHERS - ZHEN HUA JOINT VENTURE

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1

環境保護署 Environmental Protection Department

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
Precommissioning		60	60		09-Nov-22	07-Jan-23	02-Oct-22	30-Nov-22	-38	
06-TPU-2-1020	PFab 1-Line 2 - Pre-commissioning	60	60	0%	09-Nov-22	07-Jan-23	02-Oct-22	30-Nov-22	-38	
PFab 1- Line 3		611	169		26-Nov-20 A	15-Feb-23	30-Jul-22	29-Jan-23	-17	
Structure Fabrication		200	118		26-Nov-20 A	26-Dec-22	04-Oct-22	29-Jan-23	34	
06-TPU-3-1110	PFab 1-Line 3 - Tertiary Structure Fabrication	200	118	41%	26-Nov-20 A	26-Dec-22	04-Oct-22	29-Jan-23	34	
Structure Erection		276	122		14-Jan-22 A	30-Dec-22	30-Jul-22	29-Jan-23	30	
06-TPU-3-1060	PFab 1-Line 3 - 2nd Floor(EL20.47m~EL26.72m) Primary	60	12	80%	11-Feb-22 A	11-Sep-22	30-Jul-22	10-Aug-22	-32	
06-TPU-3-1070	PFab 1-Line 3 - 3rd Floor(EL26.72m~EL37.72m)Primary	45	19	57.78%	05-May-22	18-Sep-22	30-Jul-22	17-Aug-22	-32	
06-TPU-3-1080	PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary	12	26	0%	11-Jul-22 A	25-Sep-22	30-Jul-22	24-Aug-22	-32	
06-TPU-3-1090	PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary	39	39	0%	31-Aug-22	08-Oct-22	05-Sep-22	13-Oct-22	5	
06-TPU-3-1100	PFab 1-Line 3 - Tertiary Structure Erection	90	122	0%	14-Jan-22 A	30-Dec-22	30-Sep-22	29-Jan-23	30	
Mechanical Erection		289	76		03-Mar-22 A	14-Nov-22	24-Aug-22	13-Oct-22	-32	
06-TPU-3-1120	PFab 1-Line 3 - Mechanical Installation - 1st Floor (Below	80	41	48.75%	03-Mar-22 A	10-Oct-22	03-Sep-22	13-Oct-22	3	
06-TPU-3-1130	PFab 1-Line 3 - Mechanical Installation - 2nd Floor(EL20.	80	35	56.25%	13-May-22	10-Oct-22	09-Sep-22	13-Oct-22	3	
06-TPU-3-1140	PFab 1-Line 3 - Mechanical Installation - 3rd Floor(EL26.	80	41	48.75%	17-Jun-22 A	10-Oct-22	03-Sep-22	13-Oct-22	3	
06-TPU-3-1150	PFab 1-Line 3 - Mechanical Installation - 4th Floor(EL37.7	50	50	0%	31-Aug-22*	19-Oct-22	25-Aug-22	13-Oct-22	-6	
06-TPU-3-1240	PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & I	80	51	36.25%	11-Aug-22 A	14-Nov-22	24-Aug-22	13-Oct-22	-32	
Piping Fabrication		180	6		09-Mar-21 A	05-Sep-22	01-Aug-22	06-Aug-22	-30	
06-TPU-3-1220	PFab 1-Line 3 - Piping Fabrication	180	6	96.67%	09-Mar-21 A	05-Sep-22	01-Aug-22	06-Aug-22	-30	
Piping Installation		119	119		02-Sep-22	29-Dec-22	01-Aug-22	27-Nov-22	-32	
06-TPU-3-1000	PFab 1-Line 3 - Piping Installation	119	119	0%	02-Sep-22	29-Dec-22	01-Aug-22	27-Nov-22	-32	
E&I Fabrication		180	98		14-Apr-22 A	06-Dec-22	24-Sep-22	30-Dec-22	24	
06-TPU-3-1230	PFab 1-Line 3 - E&I Fabrication	180	98	45.56%	14-Apr-22 A	06-Dec-22	24-Sep-22	30-Dec-22	24	
E&I Installation		80	80		26-Oct-22	13-Jan-23	24-Sep-22	12-Dec-22	-32	
06-TPU-3-1250	PFab 1-Line 3 - E&I Support Installation	45	45	0%	26-Oct-22*	09-Dec-22	24-Sep-22	07-Nov-22	-32	
06-TPU-3-1260	PFab 1-Line 3 - E&I Cable Ladder Erection	45	45	0%	02-Nov-22	16-Dec-22	01-Oct-22	14-Nov-22	-32	
Electrical		74	74		01-Nov-22	13-Jan-23	15-Oct-22	12-Dec-22	-32	
06-TPU-3-1270	PFab 1-Line 3 - Electrical Cable Pulling and Termination	45	45	0%	30-Nov-22	13-Jan-23	29-Oct-22	12-Dec-22	-32	
06-TPU-3-1280	PFab 1-Line 3 - Electrical Equipment Installation	45	45	0%	16-Nov-22	30-Dec-22	15-Oct-22	28-Nov-22	-32	
06-TPU-3-1290	PFab 1-Line 3 - Electrical Heat Tracing Installation	45	45	0%	16-Nov-22	30-Dec-22	15-Oct-22	28-Nov-22	-32	
06-TPU-3-1330	PFab 1-Line 3 - MCC room installation	30	30	0%	01-Nov-22*	30-Nov-22	30-Oct-22	28-Nov-22	-2	
Instrument		59	59		16-Nov-22	13-Jan-23	15-Oct-22	12-Dec-22	-32	
06-TPU-3-1300	PFab 1-Line 3 - Instrument Cable Pulling and Termination	45	45	0%	30-Nov-22	13-Jan-23	29-Oct-22	12-Dec-22	-32	
06-TPU-3-1310	PFab 1-Line 3 - Instrument Equipment Installation	45	45	0%	16-Nov-22	30-Dec-22	15-Oct-22	28-Nov-22	-32	
06-TPU-3-1320	PFab 1-Line 3 - Instrument Tubing Installation	45	45	0%	16-Nov-22	30-Dec-22	15-Oct-22	28-Nov-22	-32	
Insulation		150	150		23-May-22	15-Feb-23	18-Aug-22	14-Jan-23	-32	
06-TPU-3-1010	PFab 1-Line 3 - Insulation	150	150	0%	23-May-22	15-Feb-23	18-Aug-22	14-Jan-23	-32	
PFab 1- Line 4		599	180		09-Mar-21 A	26-Feb-23	10-Aug-22	05-Feb-23	-21	
Structure Erection		143	180		01-Apr-22 A	26-Feb-23	10-Aug-22	05-Feb-23	-21	
06-TPU-4-1140	PFab 1-Line 4 - Top Floor(EL47.22m~EL54.47m) Primary	40	40	0%	31-Aug-22	09-Oct-22	14-Aug-22	22-Sep-22	-17	
06-TPU-4-1150	PFab 1-Line 4 - Tertiary Structure Erection	90	180	0%	01-Apr-22 A	26-Feb-23	10-Aug-22	05-Feb-23	-21	
Mechanical Erection		315	80		09-Jan-22 A	18-Nov-22	13-Aug-22	31-Oct-22	-18	
06-TPU-4-1040	PFab 1-Line 4 - Mechanical Installation - 1st Floor (Below	80	61	23.75%	09-Jan-22 A	30-Oct-22	01-Sep-22	31-Oct-22	1	
06-TPU-4-1050	PFab 1-Line 4 - Mechanical Installation - 2nd Floor(EL20.	80	40	50%	21-Feb-22 A	30-Oct-22	22-Sep-22	31-Oct-22	1	
06-TPU-4-1060	PFab 1-Line 4 - Mechanical Installation - 3rd Floor(EL26.	80	61	23.75%	06-May-22	30-Oct-22	01-Sep-22	31-Oct-22	1	
06-TPU-4-1070	PFab 1-Line 4 - Mechanical Installation - 4th Floor(EL37.7	80	80	0%	31-Aug-22*	18-Nov-22	13-Aug-22	31-Oct-22	-18	
06-TPU-4-1080	PFab 1-Line 4 - Mechanical Installation - Boiler Pre Asse	125	6	95.2%	25-Feb-22 A	05-Sep-22	17-Sep-22	23-Sep-22	18	
06-TPU-4-1240	PFab 1-Line 4 - Mechanical Installation - Boiler Lifting & I	108	39	63.89%	05-Jul-22 A	18-Nov-22	23-Sep-22	31-Oct-22	-18	
Piping Fabrication		180	25		09-Mar-21 A	24-Sep-22	10-Sep-22	04-Oct-22	10	
06-TPU-4-1220	PFab 1-Line 4 - Piping Fabrication	180	25	86.11%	09-Mar-21 A	24-Sep-22	10-Sep-22	04-Oct-22	10	
Piping Installation		119	119		28-Sep-22	24-Jan-23	10-Sep-22	06-Jan-23	-18	
06-TPU-4-1000	PFab 1-Line 4 - Piping Installation	119	119	0%	28-Sep-22	24-Jan-23	10-Sep-22	06-Jan-23	-18	
E&I Fabrication		180	69		14-Apr-22 A	07-Nov-22	04-Oct-22	11-Dec-22	34	
06-TPU-4-1230	PFab 1-Line 4 - E&I Fabrication	180	69	61.67%	14-Apr-22 A	07-Nov-22	04-Oct-22	11-Dec-22	34	
E&I Installation		80	80		25-Oct-22	12-Jan-23	04-Oct-22	22-Dec-22	-21	
06-TPU-4-1250	PFab 1-Line 4 - E&I Support Installation	45	45	0%	25-Oct-22*	08-Dec-22	04-Oct-22	17-Nov-22	-21	
06-TPU-4-1260	PFab 1-Line 4 - E&I Cable Ladder Erection	45	45	0%	01-Nov-22	15-Dec-22	11-Oct-22	24-Nov-22	-21	
Electrical		66	66		08-Nov-22	12-Jan-23	25-Oct-22	22-Dec-22	-21	
06-TPU-4-1270	PFab 1-Line 4 - Electrical Cable Pulling and Termination	45	45	0%	29-Nov-22	12-Jan-23	08-Nov-22	22-Dec-22	-21	

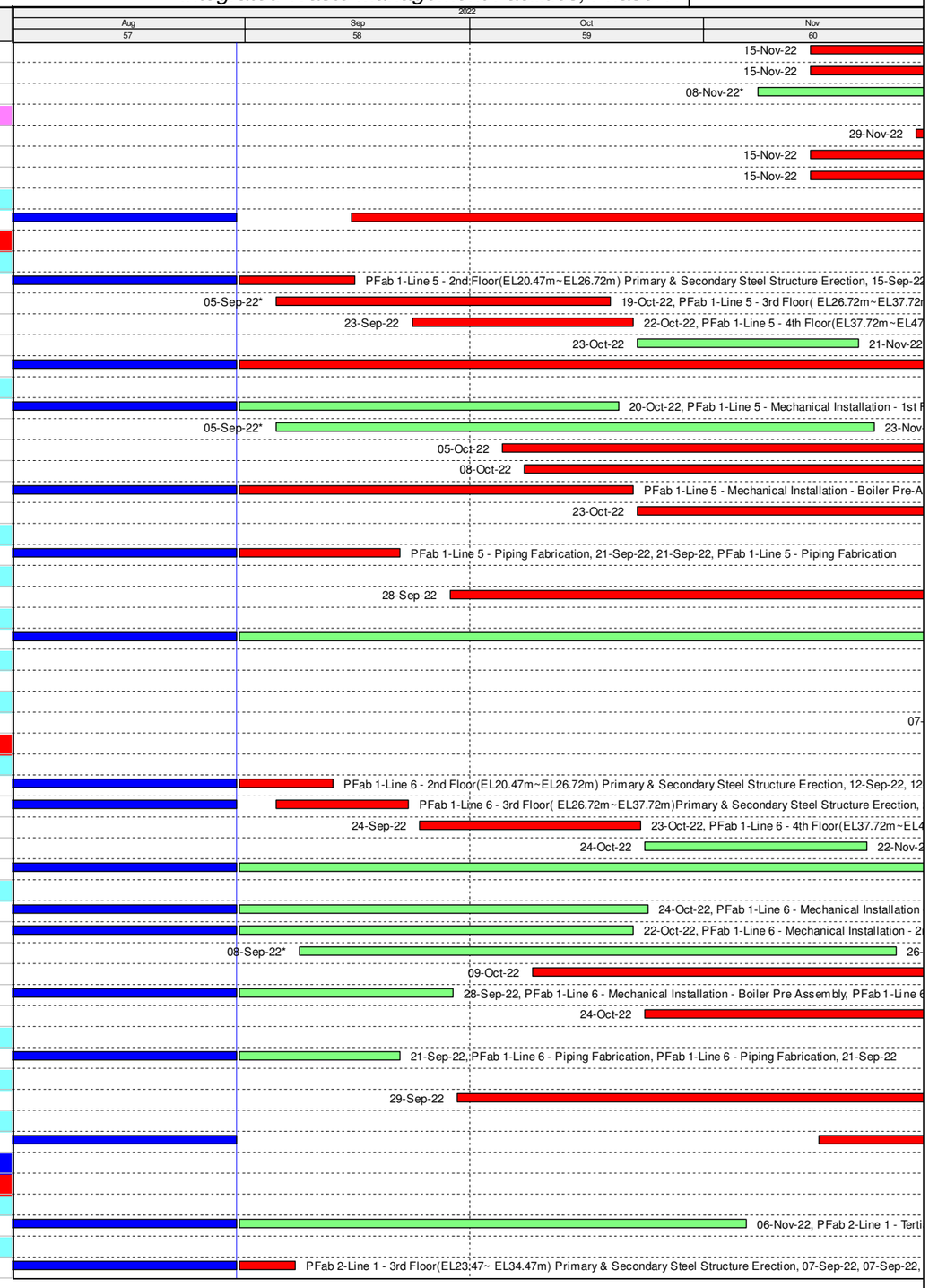


Progarmme for Design and Construction Works (Rev WP-6E-M57)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

Date	Revision	Checked	Approved
04/12/17	Rev. 0 - 1st Issue		
30-Jun-22	Rev 6E - Jun 2022 Update		
31-Jul-22	Rev 6E - Jul 2022 Update		
31-Aug-22	Rev 6E - Aug 2022 Update		

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
06-TPU-4-1280	PFab 1-Line 4 - Electrical Equipment Installation	45	45	0%	15-Nov-22	29-Dec-22	25-Oct-22	08-Dec-22	-21	
06-TPU-4-1290	PFab 1-Line 4 - Electrical Heat Tracing Installation	45	45	0%	15-Nov-22	29-Dec-22	25-Oct-22	08-Dec-22	-21	
06-TPU-4-1330	PFab 1-Line 4 - MCC room installation	30	30	0%	08-Nov-22*	07-Dec-22	09-Nov-22	08-Dec-22	1	
Instrument		59	59		15-Nov-22	12-Jan-23	25-Oct-22	22-Dec-22	-21	
06-TPU-4-1300	PFab 1-Line 4 - Instrument Cable Pulling and Termination	45	45	0%	29-Nov-22	12-Jan-23	08-Nov-22	22-Dec-22	-21	
06-TPU-4-1310	PFab 1-Line 4 - Instrument Equipment Installation	45	45	0%	15-Nov-22	29-Dec-22	25-Oct-22	08-Dec-22	-21	
06-TPU-4-1320	PFab 1-Line 4 - Instrument Tubing Installation	45	45	0%	15-Nov-22	29-Dec-22	25-Oct-22	08-Dec-22	-21	
Insulation		150	150		25-May-22	11-Feb-23	25-Aug-22	21-Jan-23	-21	
06-TPU-4-1010	PFab 1-Line 4 - Insulation	150	150	0%	25-May-22	11-Feb-23	25-Aug-22	21-Jan-23	-21	
PFab 1- Line 5		655	248		23-Mar-21 A	05-May-23	18-Jul-22	06-Apr-23	-29	
Structure Erection		321	223		14-Jan-22 A	10-Apr-23	23-Jul-22	06-Apr-23	-4	
06-TPU-5-1110	PFab 1-Line 5 - 2nd Floor(EL20.47m~EL26.72m) Primary	60	16	73.33%	12-Mar-22 A	15-Sep-22	23-Jul-22	07-Aug-22	-39	
06-TPU-5-1120	PFab 1-Line 5 - 3rd Floor(EL26.72m~EL37.72m)Primary	45	45	0%	05-Sep-22*	19-Oct-22	23-Jul-22	05-Sep-22	-44	
06-TPU-5-1130	PFab 1-Line 5 - 4th Floor(EL37.72m~EL47.22m) Primary	30	30	0%	23-Sep-22	22-Oct-22	10-Aug-22	08-Sep-22	-44	
06-TPU-5-1140	PFab 1-Line 5 - Top Floor(EL47.22m~EL54.47m) Primary	30	30	0%	23-Oct-22	21-Nov-22	29-Oct-22	27-Nov-22	6	
06-TPU-5-1150	PFab 1-Line 5 - Tertiary Structure Erection	90	223	0%	14-Jan-22 A	10-Apr-23	27-Aug-22	06-Apr-23	-4	
Mechanical Erection		317	133		02-Mar-22 A	10-Jan-23	18-Jul-22	27-Nov-22	-44	
06-TPU-5-1040	PFab 1-Line 5 - Mechanical Installation - 1st Floor (Below	80	51	36.25%	02-Mar-22 A	20-Oct-22	08-Oct-22	27-Nov-22	38	
06-TPU-5-1050	PFab 1-Line 5 - Mechanical Installation - 2nd Floor(EL20.	80	80	0%	05-Sep-22*	23-Nov-22	09-Sep-22	27-Nov-22	4	
06-TPU-5-1060	PFab 1-Line 5 - Mechanical Installation - 3rd Floor(EL26.	80	80	0%	05-Oct-22	23-Dec-22	09-Sep-22	27-Nov-22	-26	
06-TPU-5-1070	PFab 1-Line 5 - Mechanical Installation - 4th Floor(EL37.7	80	80	0%	08-Oct-22	26-Dec-22	09-Sep-22	27-Nov-22	-29	
06-TPU-5-1080	PFab 1-Line 5 - Mechanical Installation - Boiler Pre-Asse	110	53	51.82%	16-May-22	22-Oct-22	18-Jul-22	08-Sep-22	-44	
06-TPU-5-1240	PFab 1-Line 5 - Mechanical Installation - Boiler Lifting & I	80	80	0%	23-Oct-22	10-Jan-23	09-Sep-22	27-Nov-22	-44	
Piping Fabrication		180	22		23-Mar-21 A	21-Sep-22	15-Aug-22	05-Sep-22	-16	
06-TPU-5-1220	PFab 1-Line 5 - Piping Fabrication	180	22	87.78%	23-Mar-21 A	21-Sep-22	15-Aug-22	05-Sep-22	-16	
Piping Installation		150	150		28-Sep-22	24-Feb-23	15-Aug-22	11-Jan-23	-44	
06-TPU-5-1000	PFab 1-Line 5 - Piping Installation	150	150	0%	28-Sep-22	24-Feb-23	15-Aug-22	11-Jan-23	-44	
E&I Fabrication		180	122		14-Apr-22 A	30-Dec-22	23-Nov-22	24-Mar-23	84	
06-TPU-5-1230	PFab 1-Line 5 - E&I Fabrication	180	122	32.22%	14-Apr-22 A	30-Dec-22	23-Nov-22	24-Mar-23	84	
E&I Installation		45	45		06-Jan-23	19-Feb-23	23-Nov-22	06-Jan-23	-44	
06-TPU-5-1250	PFab 1-Line 5 - E&I Support Installation	45	45	0%	06-Jan-23*	19-Feb-23	23-Nov-22	06-Jan-23	-44	
Insulation		150	150		07-Dec-22	05-May-23	24-Oct-22	22-Mar-23	-44	
06-TPU-5-1010	PFab 1-Line 5 - Insulation	150	150	0%	07-Dec-22	05-May-23	24-Oct-22	22-Mar-23	-44	
PFab 1- Line 6		634	227		23-Mar-21 A	14-Apr-23	15-Aug-22	13-Apr-23	-1	
Structure Erection		302	213		08-Apr-22 A	31-Mar-23	15-Aug-22	13-Apr-23	13	
06-TPU-6-1110	PFab 1-Line 6 - 2nd Floor(EL20.47m~EL26.72m) Primary	60	13	78.33%	08-Apr-22 A	12-Sep-22	15-Aug-22	27-Aug-22	-16	
06-TPU-6-1120	PFab 1-Line 6 - 3rd Floor(EL26.72m~EL37.72m)Primary	45	18	60%	24-Jun-22 A	22-Sep-22	20-Aug-22	06-Sep-22	-16	
06-TPU-6-1130	PFab 1-Line 6 - 4th Floor(EL37.72m~EL47.22m) Primary	30	30	0%	24-Sep-22	23-Oct-22	08-Sep-22	07-Oct-22	-16	
06-TPU-6-1140	PFab 1-Line 6 - Top Floor(EL47.22m~EL54.47m) Primary	30	30	0%	24-Oct-22	22-Nov-22	27-Nov-22	26-Dec-22	34	
06-TPU-6-1150	PFab 1-Line 6 - Tertiary Structure Erection	144	213	0%	15-Apr-22 A	31-Mar-23	13-Sep-22	13-Apr-23	13	
Mechanical Erection		318	134		03-Mar-22 A	11-Jan-23	09-Sep-22	26-Dec-22	-16	
06-TPU-6-1160	PFab 1-Line 6 - Mechanical Installation - 1st Floor (Below	80	55	31.25%	03-Mar-22 A	24-Oct-22	08-Oct-22	01-Dec-22	38	
06-TPU-6-1170	PFab 1-Line 6 - Mechanical Installation - 2nd Floor(EL20.	80	53	33.75%	20-May-22	22-Oct-22	08-Oct-22	29-Nov-22	38	
06-TPU-6-1180	PFab 1-Line 6 - Mechanical Installation - 3rd Floor(EL26.	80	80	0%	08-Sep-22*	26-Nov-22	08-Oct-22	26-Dec-22	30	
06-TPU-6-1190	PFab 1-Line 6 - Mechanical Installation - 4th Floor(EL37.7	80	80	0%	09-Oct-22	27-Dec-22	08-Oct-22	26-Dec-22	-1	
06-TPU-6-1200	PFab 1-Line 6 - Mechanical Installation - Boiler Pre Asse	105	29	72.38%	14-Jun-22 A	28-Sep-22	09-Sep-22	07-Oct-22	9	
06-TPU-6-1240	PFab 1-Line 6 - Mechanical Installation - Boiler Lifting & I	80	80	0%	24-Oct-22	11-Jan-23	08-Oct-22	26-Dec-22	-16	
Piping Fabrication		180	22		23-Mar-21 A	21-Sep-22	13-Sep-22	04-Oct-22	13	
06-TPU-6-1220	PFab 1-Line 6 - Piping Fabrication	180	22	87.78%	23-Mar-21 A	21-Sep-22	13-Sep-22	04-Oct-22	13	
Piping Installation		150	150		29-Sep-22	25-Feb-23	13-Sep-22	09-Feb-23	-16	
06-TPU-6-1000	PFab 1-Line 6 - Piping Installation	150	150	0%	29-Sep-22	25-Feb-23	13-Sep-22	09-Feb-23	-16	
Insulation		150	150		08-Jul-22 A	14-Apr-23	31-Oct-22	29-Mar-23	-16	
06-TPU-6-1010	PFab 1-Line 6 - Insulation	150	150	0%	08-Jul-22 A	14-Apr-23	31-Oct-22	29-Mar-23	-16	
Fabrication of Module (FGC)		648	221		11-Dec-20 A	08-Apr-23	28-Jul-22	18-Apr-23	10	
PFab 2 - Line 1		571	164		29-May-21	10-Feb-23	28-Jul-22	14-Jan-23	-27	
Structure Fabrication		188	68		31-Mar-22 A	06-Nov-22	03-Oct-22	09-Dec-22	33	
06-FGC-1-1110	PFab 2-Line 1 - Tertiary Structure Fabrication	188	68	63.83%	31-Mar-22 A	06-Nov-22	03-Oct-22	09-Dec-22	33	
Structure Erection		220	85		15-Mar-22 A	23-Nov-22	15-Aug-22	14-Jan-23	52	
06-FGC-1-1030	PFab 2-Line 1 - 3rd Floor(EL23.47~ EL34.47m) Primary &	60	8	86.67%	15-Mar-22 A	07-Sep-22	20-Aug-22	27-Aug-22	-11	

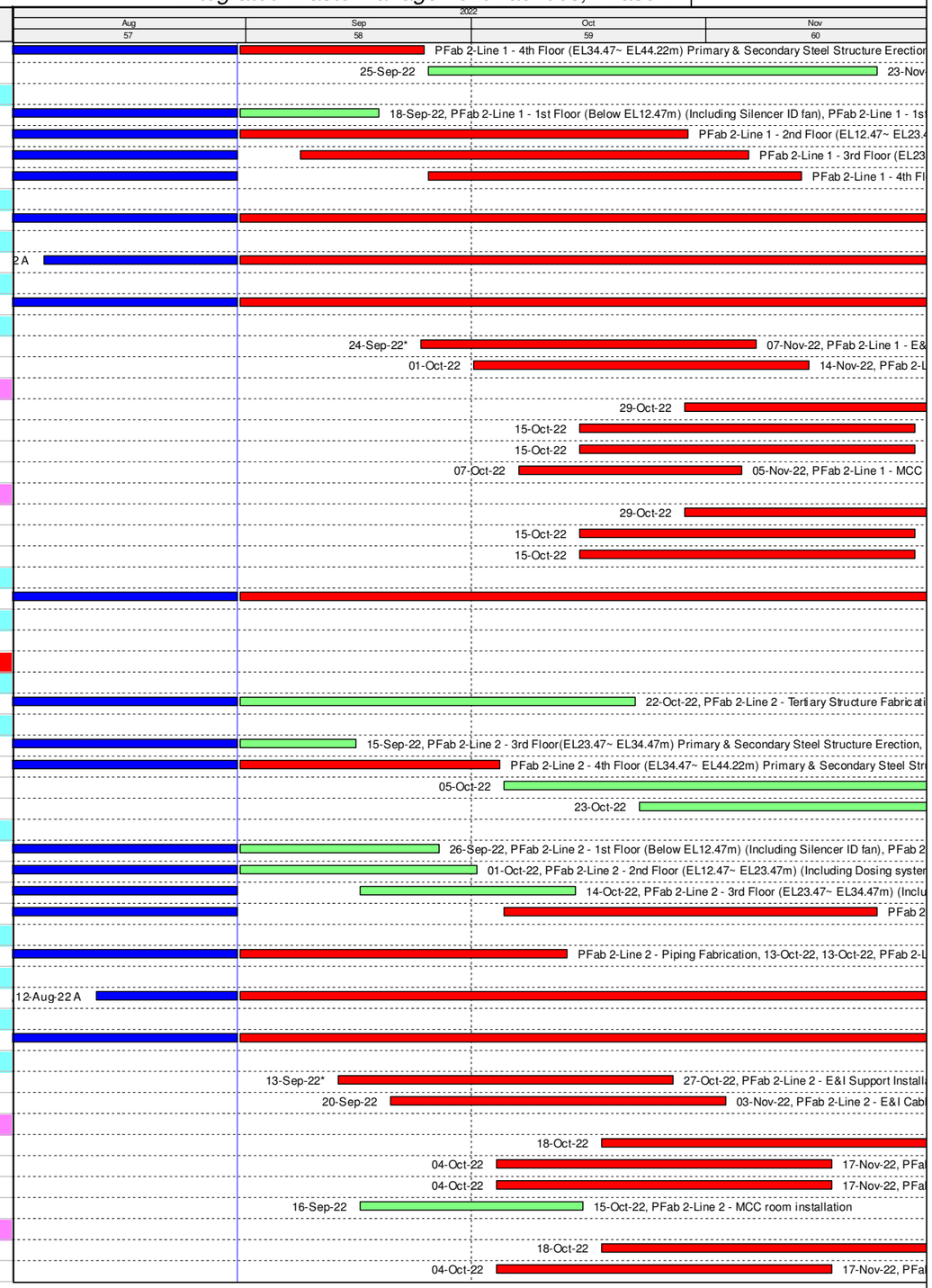


Progarmme for Design and Construction Works (Rev WP-6E-M57)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

Date	Revision	Checked	Approved
04/12/17	Rev. 0 - 1st Issue		
30-Jun-22	Rev 6E - Jun 2022 Update		
31-Jul-22	Rev 6E - Jul 2022 Update		
31-Aug-22	Rev 6E - Aug 2022 Update		

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
06-FGC-1-1040	PFab 2-Line 1 - 4th Floor (EL34.47~ EL44.22m) Primary &	60	25	58.33%	11-Apr-22 A	24-Sep-22	15-Aug-22	08-Sep-22	-16	
06-FGC-1-1050	PFab 2-Line 1 - Top Floor Primary & Secondary Steel Stru	60	60	0%	25-Sep-22	23-Nov-22	16-Nov-22	14-Jan-23	52	
Mechanical Erection		256	75		07-Jan-22 A	13-Nov-22	30-Aug-22	28-Oct-22	-16	
06-FGC-1-1070	PFab 2-Line 1 - 1st Floor (Below EL12.47m) (Including Si	60	19	68.33%	07-Jan-22 A	18-Sep-22	10-Oct-22	28-Oct-22	40	
06-FGC-1-1080	PFab 2-Line 1 - 2nd Floor (EL12.47~ EL23.47m) (Includin	60	60	0%	04-Mar-22 A	29-Oct-22	30-Aug-22	28-Oct-22	-1	
06-FGC-1-1090	PFab 2-Line 1 - 3rd Floor (EL23.47~ EL34.47m) (Including	60	60	0%	06-May-22	06-Nov-22	30-Aug-22	28-Oct-22	-9	
06-FGC-1-1100	PFab 2-Line 1 - 4th Floor (EL34.47~ EL44.22m) (Including	50	50	0%	03-Jun-22 A	13-Nov-22	09-Sep-22	28-Oct-22	-16	
Piping Fabrication		180	116		29-May-21	24-Dec-22	28-Jul-22	20-Nov-22	-34	
06-FGC-1-1210	PFab 2-Line 1 - Piping Fabrication	180	116	35.56%	29-May-21	24-Dec-22	28-Jul-22	20-Nov-22	-34	
Piping Installation		150	138		05-Aug-22 A	15-Jan-23	28-Jul-22	12-Dec-22	-34	
06-FGC-1-1120	PFab 2-Line 1 - Piping Installation	150	138	8%	05-Aug-22 A	15-Jan-23	28-Jul-22	12-Dec-22	-34	
E&I Fabrication		180	118		14-Apr-22 A	26-Dec-22	21-Aug-22	16-Dec-22	-10	
06-FGC-1-1220	PFab 2-Line 1 - E&I Fabrication	180	118	34.44%	14-Apr-22 A	26-Dec-22	21-Aug-22	16-Dec-22	-10	
E&I Installation		80	80		24-Sep-22	12-Dec-22	21-Aug-22	08-Nov-22	-34	
06-FGC-1-1230	PFab 2-Line 1 - E&I Support Installation	45	45	0%	24-Sep-22*	07-Nov-22	21-Aug-22	04-Oct-22	-34	
06-FGC-1-1240	PFab 2-Line 1 - E&I Cable Ladder Erection	45	45	0%	01-Oct-22	14-Nov-22	28-Aug-22	11-Oct-22	-34	
Electrical		67	67		07-Oct-22	12-Dec-22	11-Sep-22	08-Nov-22	-34	
06-FGC-1-1250	PFab 2-Line 1 - Electrical Cable Pulling and Termination	45	45	0%	29-Oct-22	12-Dec-22	25-Sep-22	08-Nov-22	-34	
06-FGC-1-1260	PFab 2-Line 1 - Electrical Equipment Installation	45	45	0%	15-Oct-22	28-Nov-22	11-Sep-22	25-Oct-22	-34	
06-FGC-1-1270	PFab 2-Line 1 - Electrical Heat Tracing Installation	45	45	0%	15-Oct-22	28-Nov-22	11-Sep-22	25-Oct-22	-34	
06-FGC-1-1310	PFab 2-Line 1 - MCC room installation	30	30	0%	07-Oct-22	05-Nov-22	26-Sep-22	25-Oct-22	-11	
Instrument		59	59		15-Oct-22	12-Dec-22	11-Sep-22	08-Nov-22	-34	
06-FGC-1-1280	PFab 2-Line 1 - Instrument Cable Pulling and Termination	45	45	0%	29-Oct-22	12-Dec-22	25-Sep-22	08-Nov-22	-34	
06-FGC-1-1290	PFab 2-Line 1 - Instrument Equipment Installation	45	45	0%	15-Oct-22	28-Nov-22	11-Sep-22	25-Oct-22	-34	
06-FGC-1-1300	PFab 2-Line 1 - Instrument Tubing Installation	45	45	0%	15-Oct-22	28-Nov-22	11-Sep-22	25-Oct-22	-34	
Insulation		150	149		25-May-22	26-Jan-23	28-Jul-22	23-Dec-22	-34	
06-FGC-1-1130	PFab 2-Line 1 - Insulation	150	149	0.53%	25-May-22	26-Jan-23	28-Jul-22	23-Dec-22	-34	
Precommissioning		60	60		13-Dec-22	10-Feb-23	09-Nov-22	07-Jan-23	-34	
06-FGC-1-1190	PFab 2-Line 1 - Pre-commissioning	60	60	0%	13-Dec-22	10-Feb-23	09-Nov-22	07-Jan-23	-34	
PFab 2 - Line 2		580	153		03-Jun-21 A	30-Jan-23	15-Aug-22	25-Jan-23	-6	
Structure Fabrication		180	53		22-Oct-21 A	22-Oct-22	04-Sep-22	27-Oct-22	4	
06-FGC-2-1040	PFab 2-Line 2 - Tertiary Structure Fabrication	180	53	70.56%	22-Oct-21 A	22-Oct-22	04-Sep-22	27-Oct-22	4	
Structure Erection		296	143		16-Mar-22 A	20-Jan-23	15-Aug-22	25-Jan-23	4	
06-FGC-2-1080	PFab 2-Line 2 - 3rd Floor(EL23.47~ EL34.47m) Primary &	60	16	73.33%	16-Mar-22 A	15-Sep-22	17-Sep-22	03-Oct-22	17	
06-FGC-2-1090	PFab 2-Line 2 - 4th Floor (EL34.47~ EL44.22m) Primary &	60	35	41.67%	09-Apr-22 A	04-Oct-22	15-Aug-22	19-Sep-22	-16	
06-FGC-2-1100	PFab 2-Line 2 - Top Floor Primary & Secondary Steel Stru	60	60	0%	05-Oct-22	03-Dec-22	05-Nov-22	04-Jan-23	31	
06-FGC-2-1110	PFab 2-Line 2 - Tertiary Structure Erection	90	90	0%	23-Oct-22	20-Jan-23	27-Oct-22	25-Jan-23	4	
Mechanical Erection		272	85		02-Jan-22 A	23-Nov-22	19-Sep-22	08-Nov-22	-16	
06-FGC-2-1120	PFab 2-Line 2 - 1st Floor (Below EL12.47m) (Including Si	60	27	55%	02-Jan-22 A	26-Sep-22	12-Oct-22	08-Nov-22	42	
06-FGC-2-1130	PFab 2-Line 2 - 2nd Floor (EL12.47~ EL23.47m) (Includin	60	32	46.67%	25-Feb-22 A	01-Oct-22	07-Oct-22	08-Nov-22	37	
06-FGC-2-1140	PFab 2-Line 2 - 3rd Floor (EL23.47~ EL34.47m) (Including	60	29	51.67%	06-May-22	14-Oct-22	10-Oct-22	08-Nov-22	24	
06-FGC-2-1150	PFab 2-Line 2 - 4th Floor (EL34.47~ EL44.22m) (Including	50	50	0%	03-Jun-22 A	23-Nov-22	19-Sep-22	08-Nov-22	-16	
Piping Fabrication		180	44		03-Jun-21 A	13-Oct-22	15-Aug-22	28-Sep-22	-16	
06-FGC-2-1210	PFab 2-Line 2 - Piping Fabrication	180	44	75.56%	03-Jun-21 A	13-Oct-22	15-Aug-22	28-Sep-22	-16	
Piping Installation		150	130		12-Aug-22 A	07-Jan-23	15-Aug-22	23-Dec-22	-16	
06-FGC-2-1000	PFab 2-Line 2 - Piping Installation	150	130	13.28%	12-Aug-22 A	07-Jan-23	15-Aug-22	23-Dec-22	-16	
E&I Fabrication		180	99		14-Apr-22 A	07-Dec-22	28-Aug-22	05-Dec-22	-3	
06-FGC-2-1220	PFab 2-Line 2 - E&I Fabrication	180	99	45%	14-Apr-22 A	07-Dec-22	28-Aug-22	05-Dec-22	-3	
E&I Installation		80	80		13-Sep-22	01-Dec-22	28-Aug-22	16-Nov-22	-16	
06-FGC-2-1230	PFab 2-Line 2 - E&I Support Installation	45	45	0%	13-Sep-22*	27-Oct-22	28-Aug-22	12-Oct-22	-16	
06-FGC-2-1240	PFab 2-Line 2 - E&I Cable Ladder Erection	45	45	0%	20-Sep-22	03-Nov-22	04-Sep-22	19-Oct-22	-16	
Electrical		77	77		16-Sep-22	01-Dec-22	18-Sep-22	16-Nov-22	-16	
06-FGC-2-1250	PFab 2-Line 2 - Electrical Cable Pulling and Termination	45	45	0%	18-Oct-22	01-Dec-22	02-Oct-22	16-Nov-22	-16	
06-FGC-2-1260	PFab 2-Line 2 - Electrical Equipment Installation	45	45	0%	04-Oct-22	17-Nov-22	18-Sep-22	02-Nov-22	-16	
06-FGC-2-1270	PFab 2-Line 2 - Electrical Heat Tracing Installation	45	45	0%	04-Oct-22	17-Nov-22	18-Sep-22	02-Nov-22	-16	
06-FGC-2-1310	PFab 2-Line 2 - MCC room installation	30	30	0%	16-Sep-22	15-Oct-22	03-Oct-22	02-Nov-22	17	
Instrument		59	59		04-Oct-22	01-Dec-22	18-Sep-22	16-Nov-22	-16	
06-FGC-2-1280	PFab 2-Line 2 - Instrument Cable Pulling and Termination	45	45	0%	18-Oct-22	01-Dec-22	02-Oct-22	16-Nov-22	-16	
06-FGC-2-1290	PFab 2-Line 2 - Instrument Equipment Installation	45	45	0%	04-Oct-22	17-Nov-22	18-Sep-22	02-Nov-22	-16	

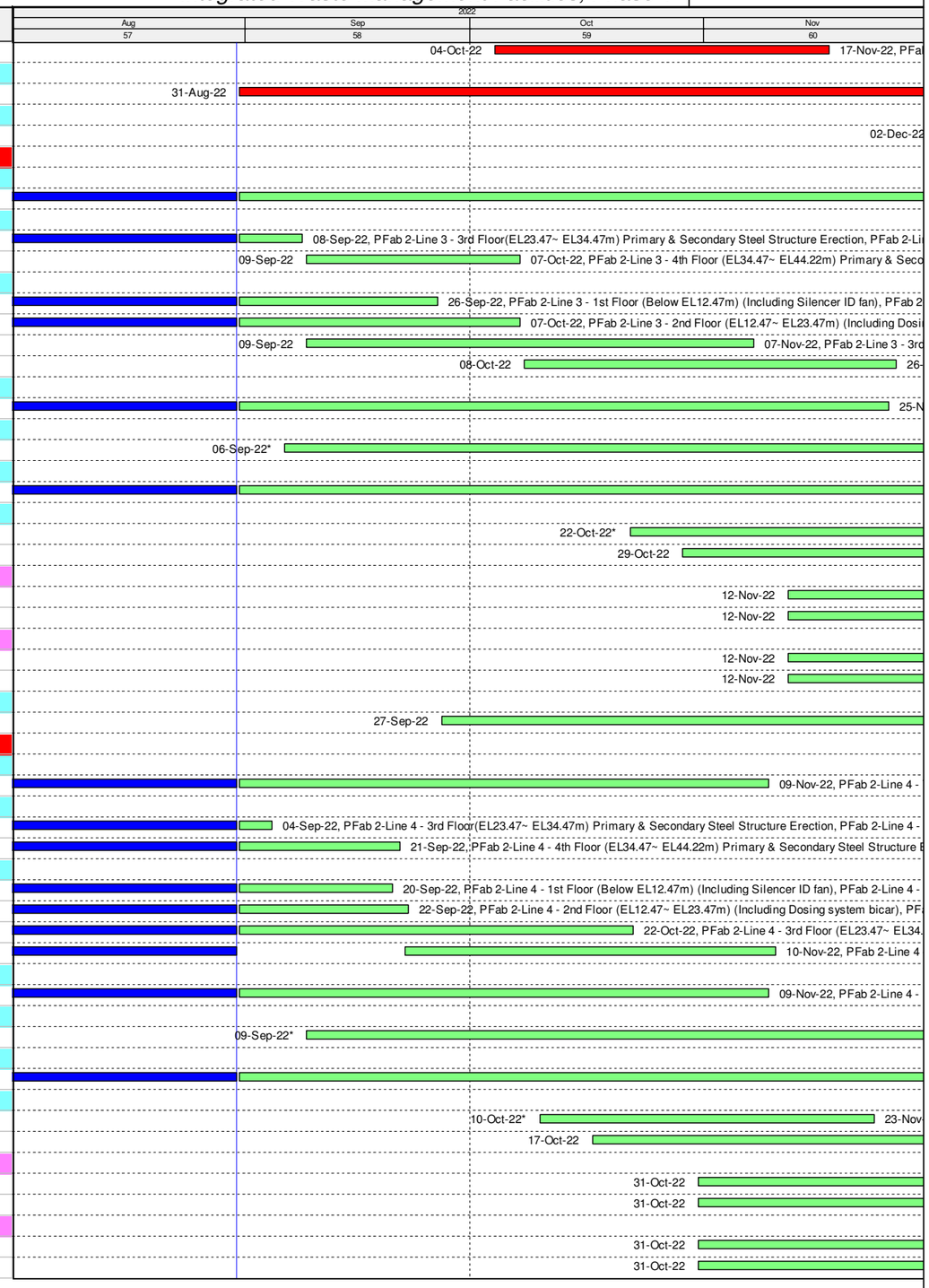


Progarmme for Design and Construction Works (Rev WP-6E-M57)

- Remaining Work
- Actual Work
- Critical Remaining Work
- Milestone
- Actual Milestone
- Critical Milestone

Date	Revision	Checked	Approved
04/12/17	Rev. 0 - 1st Issue		
30-Jun-22	Rev 6E - Jun 2022 Update		
31-Jul-22	Rev 6E - Jul 2022 Update		
31-Aug-22	Rev 6E - Aug 2022 Update		

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
06-FGC-2-1300	PFab 2-Line 2 - Instrument Tubing Installation	45	45	0%	04-Oct-22	17-Nov-22	18-Sep-22	02-Nov-22	-16	
Insulation		138	138		31-Aug-22	15-Jan-23	15-Aug-22	31-Dec-22	-16	
06-FGC-2-1010	PFab 2-Line 2 - Insulation	138	138	0%	31-Aug-22	15-Jan-23	15-Aug-22	31-Dec-22	-16	
Precommissioning		60	60		02-Dec-22	30-Jan-23	16-Nov-22	15-Jan-23	-16	
06-FGC-2-1020	PFab 2-Line 2 - Pre-commissioning	60	60	0%	02-Dec-22	30-Jan-23	16-Nov-22	15-Jan-23	-16	
PFab 2 - Line 3		584	177		11-Dec-20 A	23-Feb-23	05-Sep-22	28-Feb-23	5	
Structure Fabrication		180	95		11-Dec-20 A	03-Dec-22	05-Nov-22	07-Feb-23	66	
06-FGC-3-1110	PFab 2-Line 3 - Tertiary Structure Fabrication	180	95	47.22%	11-Dec-20 A	03-Dec-22	05-Nov-22	07-Feb-23	66	
Structure Erection		167	38		26-Mar-22 A	07-Oct-22	05-Sep-22	12-Oct-22	5	
06-FGC-3-1070	PFab 2-Line 3 - 3rd Floor(EL23.47~ EL34.47m) Primary &	60	9	85%	26-Mar-22 A	08-Sep-22	05-Sep-22	13-Sep-22	5	
06-FGC-3-1080	PFab 2-Line 3 - 4th Floor (EL34.47~ EL44.22m) Primary &	29	29	0%	09-Sep-22	07-Oct-22	14-Sep-22	12-Oct-22	5	
Mechanical Erection		300	88		02-Jan-22 A	26-Nov-22	03-Oct-22	01-Dec-22	5	
06-FGC-3-1000	PFab 2-Line 3 - 1st Floor (Below EL12.47m) (Including Si	60	27	55%	02-Jan-22 A	26-Sep-22	05-Nov-22	01-Dec-22	66	
06-FGC-3-1010	PFab 2-Line 3 - 2nd Floor (EL12.47~ EL23.47m) (Includin	60	38	36.67%	10-Mar-22 A	07-Oct-22	25-Oct-22	01-Dec-22	55	
06-FGC-3-1020	PFab 2-Line 3 - 3rd Floor (EL23.47~ EL34.47m) (Including	60	60	0%	09-Sep-22	07-Nov-22	03-Oct-22	01-Dec-22	24	
06-FGC-3-1030	PFab 2-Line 3 - 4th Floor (EL34.47~ EL44.22m) (Including	50	50	0%	08-Oct-22	26-Nov-22	13-Oct-22	01-Dec-22	5	
Piping Fabrication		180	87		03-Jun-21 A	25-Nov-22	11-Sep-22	06-Dec-22	11	
06-FGC-3-1210	PFab 2-Line 3 - Piping Fabrication	180	87	51.67%	03-Jun-21 A	25-Nov-22	11-Sep-22	06-Dec-22	11	
Piping Installation		141	141		06-Sep-22	24-Jan-23	11-Sep-22	29-Jan-23	5	
06-FGC-3-1150	PFab 2-Line 3 - Piping Installation	141	141	0%	06-Sep-22*	24-Jan-23	11-Sep-22	29-Jan-23	5	
E&I Fabrication		180	93		14-Apr-22 A	01-Dec-22	27-Oct-22	27-Jan-23	57	
06-FGC-3-1220	PFab 2-Line 3 - E&I Fabrication	180	93	48.33%	14-Apr-22 A	01-Dec-22	27-Oct-22	27-Jan-23	57	
E&I Installation		66	66		22-Oct-22	26-Dec-22	27-Oct-22	31-Dec-22	5	
06-FGC-3-1230	PFab 2-Line 3 - E&I Support Installation	45	45	0%	22-Oct-22*	05-Dec-22	27-Oct-22	10-Dec-22	5	
06-FGC-3-1240	PFab 2-Line 3 - E&I Cable Ladder Erection	45	45	0%	29-Oct-22	12-Dec-22	03-Nov-22	17-Dec-22	5	
Electrical		45	45		12-Nov-22	26-Dec-22	17-Nov-22	31-Dec-22	5	
06-FGC-3-1260	PFab 2-Line 3 - Electrical Equipment Installation	45	45	0%	12-Nov-22	26-Dec-22	17-Nov-22	31-Dec-22	5	
06-FGC-3-1270	PFab 2-Line 3 - Electrical Heat Tracing Installation	45	45	0%	12-Nov-22	26-Dec-22	17-Nov-22	31-Dec-22	5	
Instrument		45	45		12-Nov-22	26-Dec-22	17-Nov-22	31-Dec-22	5	
06-FGC-3-1290	PFab 2-Line 3 - Instrument Equipment Installation	45	45	0%	12-Nov-22	26-Dec-22	17-Nov-22	31-Dec-22	5	
06-FGC-3-1300	PFab 2-Line 3 - Instrument Tubing Installation	45	45	0%	12-Nov-22	26-Dec-22	17-Nov-22	31-Dec-22	5	
Insulation		150	150		27-Sep-22	23-Feb-23	02-Oct-22	28-Feb-23	5	
06-FGC-3-1170	PFab 2-Line 3 - Insulation	150	150	0%	27-Sep-22	23-Feb-23	02-Oct-22	28-Feb-23	5	
PFab 2 - Line 4		592	165		09-Jun-21 A	11-Feb-23	22-Sep-22	19-Mar-23	36	
Structure Fabrication		180	71		25-Oct-21 A	09-Nov-22	13-Oct-22	22-Dec-22	43	
06-FGC-4-1150	PFab 2-Line 4 - Tertiary Structure Fabrication	180	71	60.56%	25-Oct-21 A	09-Nov-22	13-Oct-22	22-Dec-22	43	
Structure Erection		120	22		02-Feb-22 A	21-Sep-22	22-Sep-22	02-Dec-22	72	
06-FGC-4-1110	PFab 2-Line 4 - 3rd Floor(EL23.47~ EL34.47m) Primary &	60	5	91.67%	02-Feb-22 A	04-Sep-22	28-Nov-22	02-Dec-22	89	
06-FGC-4-1120	PFab 2-Line 4 - 4th Floor (EL34.47~ EL44.22m) Primary &	60	22	63.33%	12-Mar-22 A	21-Sep-22	22-Sep-22	13-Oct-22	22	
Mechanical Erection		253	72		24-Dec-21 A	10-Nov-22	11-Oct-22	02-Dec-22	22	
06-FGC-4-1040	PFab 2-Line 4 - 1st Floor (Below EL12.47m) (Including Si	60	21	65%	24-Dec-21 A	20-Sep-22	12-Nov-22	02-Dec-22	73	
06-FGC-4-1050	PFab 2-Line 4 - 2nd Floor (EL12.47~ EL23.47m) (Includin	60	23	61.67%	04-Feb-22 A	22-Sep-22	10-Nov-22	02-Dec-22	71	
06-FGC-4-1060	PFab 2-Line 4 - 3rd Floor (EL23.47~ EL34.47m) (Including	60	53	11.67%	11-Feb-22 A	22-Oct-22	11-Oct-22	02-Dec-22	41	
06-FGC-4-1070	PFab 2-Line 4 - 4th Floor (EL34.47~ EL44.22m) (Including	50	50	0%	06-May-22	10-Nov-22	14-Oct-22	02-Dec-22	22	
Piping Fabrication		180	71		09-Jun-21 A	09-Nov-22	28-Sep-22	07-Dec-22	28	
06-FGC-4-1210	PFab 2-Line 4 - Piping Fabrication	180	71	60.56%	09-Jun-21 A	09-Nov-22	28-Sep-22	07-Dec-22	28	
Piping Installation		126	126		09-Sep-22	12-Jan-23	28-Sep-22	31-Jan-23	19	
06-FGC-4-1000	PFab 2-Line 4 - Piping Installation	126	126	0%	09-Sep-22*	12-Jan-23	28-Sep-22	31-Jan-23	19	
E&I Fabrication		180	142		14-Apr-22 A	19-Jan-23	29-Oct-22	19-Mar-23	59	
06-FGC-4-1220	PFab 2-Line 4 - E&I Fabrication	180	142	21.11%	14-Apr-22 A	19-Jan-23	29-Oct-22	19-Mar-23	59	
E&I Installation		66	66		10-Oct-22	14-Dec-22	29-Oct-22	02-Jan-23	19	
06-FGC-4-1230	PFab 2-Line 4 - E&I Support Installation	45	45	0%	10-Oct-22*	23-Nov-22	29-Oct-22	12-Dec-22	19	
06-FGC-4-1240	PFab 2-Line 4 - E&I Cable Ladder Erection	45	45	0%	17-Oct-22	30-Nov-22	05-Nov-22	19-Dec-22	19	
Electrical		45	45		31-Oct-22	14-Dec-22	19-Nov-22	02-Jan-23	19	
06-FGC-4-1260	PFab 2-Line 4 - Electrical Equipment Installation	45	45	0%	31-Oct-22	14-Dec-22	19-Nov-22	02-Jan-23	19	
06-FGC-4-1270	PFab 2-Line 4 - Electrical Heat Tracing Installation	45	45	0%	31-Oct-22	14-Dec-22	19-Nov-22	02-Jan-23	19	
Instrument		45	45		31-Oct-22	14-Dec-22	19-Nov-22	02-Jan-23	19	
06-FGC-4-1290	PFab 2-Line 4 - Instrument Equipment Installation	45	45	0%	31-Oct-22	14-Dec-22	19-Nov-22	02-Jan-23	19	
06-FGC-4-1300	PFab 2-Line 4 - Instrument Tubing Installation	45	45	0%	31-Oct-22	14-Dec-22	19-Nov-22	02-Jan-23	19	



Progarmme for Design and Construction Works (Rev WP-6E-M57)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

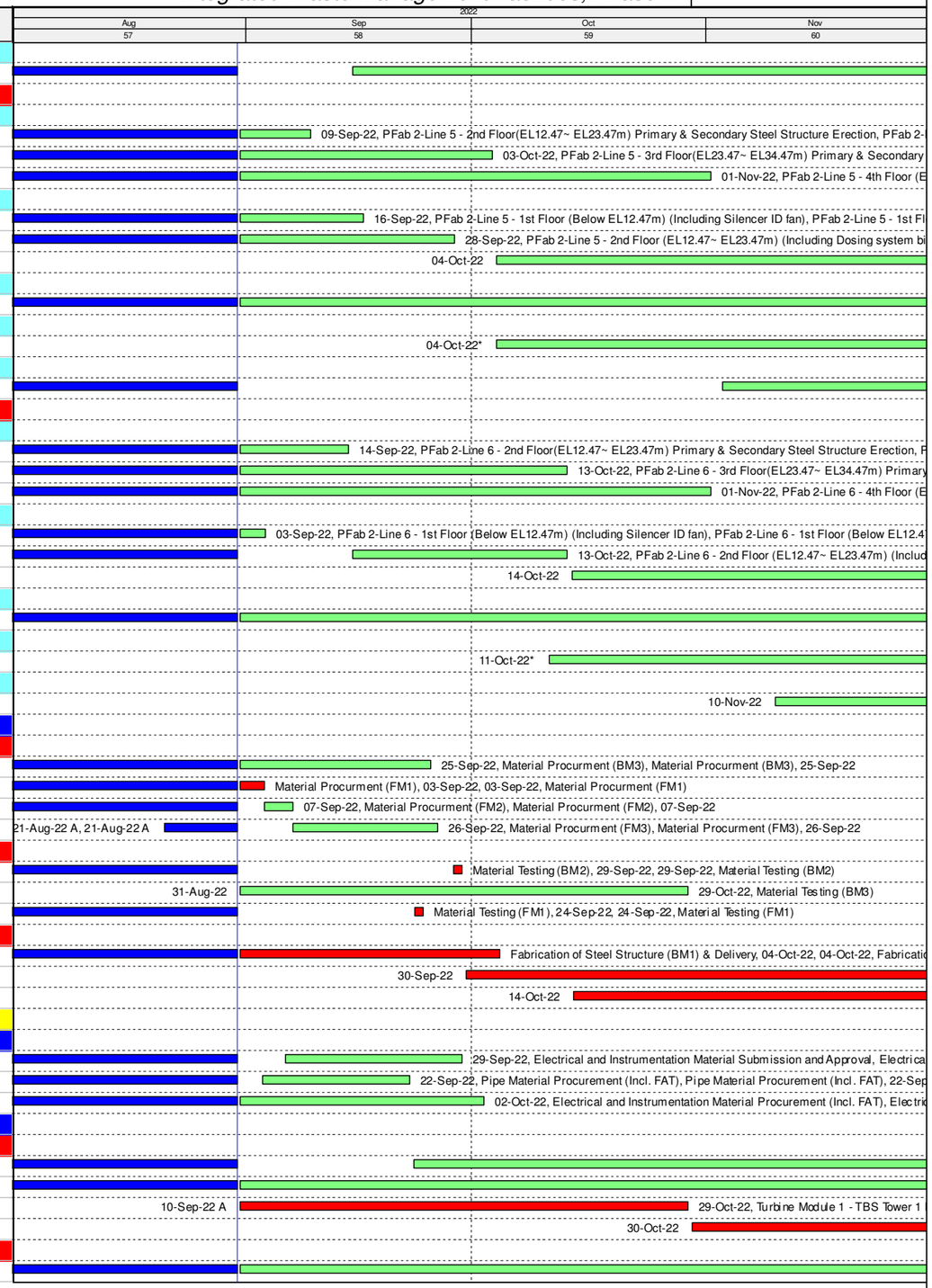
Date	Revision	Checked	Approved
04/12/17	Rev. 0 - 1st Issue		
30-Jun-22	Rev 6E - Jun 2022 Update		
31-Jul-22	Rev 6E - Jul 2022 Update		
31-Aug-22	Rev 6E - Aug 2022 Update		

Keppel Seghers
KEPPEL SEGHERS - ZHEN HUA JOINT VENTURE

Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1

環境保護署 Environmental Protection Department

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
Insulation		150	150		25-May-22	11-Feb-23	04-Oct-22	02-Mar-23	19	
06-FGC-4-1010	PFab 2-Line 4 - Insulation	150	150	0%	25-May-22	11-Feb-23	04-Oct-22	02-Mar-23	19	
PFab 2 - Line 5		641	214		18-Jun-21 A	01-Apr-23	10-Sep-22	11-Apr-23	10	
Structure Erection		185	63		08-Jan-22 A	01-Nov-22	10-Sep-22	12-Dec-22	41	
06-FGC-5-1060	PFab 2-Line 5 - 2nd Floor(EL12.47~ EL23.47m) Primary &	60	10	83.33%	08-Jan-22 A	09-Sep-22	06-Nov-22	15-Nov-22	67	
06-FGC-5-1070	PFab 2-Line 5 - 3rd Floor(EL23.47~ EL34.47m) Primary &	60	34	43.33%	20-Apr-22 A	03-Oct-22	10-Sep-22	13-Oct-22	10	
06-FGC-5-1080	PFab 2-Line 5 - 4th Floor (EL34.47~ EL44.22m) Primary &	60	63	0%	20-May-22	01-Nov-22	11-Oct-22	12-Dec-22	41	
Mechanical Erection		276	94		21-Jan-22 A	02-Dec-22	14-Oct-22	12-Dec-22	10	
06-FGC-5-1000	PFab 2-Line 5 - 1st Floor (Below EL12.47m) (Including Si	60	17	71.67%	21-Jan-22 A	16-Sep-22	18-Oct-22	03-Nov-22	48	
06-FGC-5-1010	PFab 2-Line 5 - 2nd Floor (EL12.47~ EL23.47m) (Includin	60	29	51.67%	24-Jun-22 A	28-Sep-22	18-Oct-22	15-Nov-22	48	
06-FGC-5-1020	PFab 2-Line 5 - 3rd Floor (EL23.47~ EL34.47m) (Including	60	60	0%	04-Oct-22	02-Dec-22	14-Oct-22	12-Dec-22	10	
Piping Fabrication		180	112		18-Jun-21 A	20-Dec-22	14-Oct-22	02-Feb-23	44	
06-FGC-5-1170	PFab 2-Line 5 - Piping Fabrication	180	112	37.78%	18-Jun-21 A	20-Dec-22	14-Oct-22	02-Feb-23	44	
Piping Installation		150	150		04-Oct-22	02-Mar-23	14-Oct-22	12-Mar-23	10	
06-FGC-5-1190	PFab 2-Line 5 - Piping Installation	150	150	0%	04-Oct-22*	02-Mar-23	14-Oct-22	12-Mar-23	10	
Insulation		150	150		30-Jun-22 A	01-Apr-23	13-Nov-22	11-Apr-23	10	
06-FGC-5-1200	PFab 2-Line 5 - Insulation	150	150	0%	30-Jun-22 A	01-Apr-23	13-Nov-22	11-Apr-23	10	
PFab 2 - Line 6		525	221		30-Sep-21 A	08-Apr-23	13-Sep-22	18-Apr-23	10	
Structure Erection		179	63		04-Jan-22 A	01-Nov-22	13-Sep-22	05-Dec-22	34	
06-FGC-6-1120	PFab 2-Line 6 - 2nd Floor(EL12.47~ EL23.47m) Primary &	60	15	75%	04-Jan-22 A	14-Sep-22	04-Oct-22	18-Oct-22	34	
06-FGC-6-1130	PFab 2-Line 6 - 3rd Floor(EL23.47~ EL34.47m) Primary &	60	44	26.67%	20-Apr-22 A	13-Oct-22	13-Sep-22	26-Oct-22	13	
06-FGC-6-1140	PFab 2-Line 6 - 4th Floor (EL34.47~ EL44.22m) Primary &	60	63	0%	20-May-22	01-Nov-22	04-Oct-22	05-Dec-22	34	
Mechanical Erection		279	104		21-Jan-22 A	12-Dec-22	19-Oct-22	25-Dec-22	13	
06-FGC-6-1170	PFab 2-Line 6 - 1st Floor (Below EL12.47m) (Including Si	60	4	93.33%	21-Jan-22 A	03-Sep-22	05-Nov-22	08-Nov-22	66	
06-FGC-6-1180	PFab 2-Line 6 - 2nd Floor (EL12.47~ EL23.47m) (Includin	60	29	51.67%	24-Jun-22 A	13-Oct-22	19-Oct-22	16-Nov-22	34	
06-FGC-6-1190	PFab 2-Line 6 - 3rd Floor (EL23.47~ EL34.47m) (Including	60	60	0%	14-Oct-22	12-Dec-22	27-Oct-22	25-Dec-22	13	
Piping Fabrication		180	106		30-Sep-21 A	14-Dec-22	21-Oct-22	03-Feb-23	51	
06-FGC-6-1220	PFab 2-Line 6 - Piping Fabrication	180	106	41.11%	30-Sep-21 A	14-Dec-22	21-Oct-22	03-Feb-23	51	
Piping Installation		150	150		11-Oct-22	09-Mar-23	21-Oct-22	19-Mar-23	10	
06-FGC-6-1000	PFab 2-Line 6 - Piping Installation	150	150	0%	11-Oct-22*	09-Mar-23	21-Oct-22	19-Mar-23	10	
Insulation		150	150		10-Nov-22	08-Apr-23	20-Nov-22	18-Apr-23	10	
06-FGC-6-1020	PFab 2-Line 6 - Insulation	150	150	0%	10-Nov-22	08-Apr-23	20-Nov-22	18-Apr-23	10	
Fabrication of Mega Steel Structure		188	115		10-Apr-22 A	23-Dec-22	28-Aug-22	23-Dec-22	0	
Material Procurement		182	27		10-Apr-22 A	26-Sep-22	31-Aug-22	07-Dec-22	72	
16-8500-2 (6E)	Material Procurment (BM3)	60	26	57%	30-May-22	25-Sep-22	08-Oct-22	02-Nov-22	38	
16-8500-3 (6E)	Material Procurment (FM1)	60	4	94%	10-Apr-22 A	03-Sep-22	31-Aug-22	03-Sep-22	0	
16-8500-4 (6E)	Material Procurment (FM2)	60	4	94%	30-May-22	07-Sep-22	15-Nov-22	18-Nov-22	72	
16-8500-5 (6E)	Material Procurment (FM3)	45	19	57%	21-Aug-22 A	26-Sep-22	18-Nov-22	07-Dec-22	72	
Material Testing		122	60		25-Jun-22 A	29-Oct-22	23-Sep-22	02-Dec-22	34	
16-8500-7 (6E)	Material Testing (BM2)	60	1	98%	25-Jun-22 A	29-Sep-22	25-Sep-22	26-Sep-22	-3	
16-8500-8 (6E)	Material Testing (BM3)	60	60	0%	31-Aug-22	29-Oct-22	04-Oct-22	02-Dec-22	34	
16-8500-9 (6E)	Material Testing (FM1)	60	1	98%	25-Jun-22 A	24-Sep-22	23-Sep-22	24-Sep-22	0	
Fabrication of Steel Structure		177	115		17-Jun-22 A	23-Dec-22	28-Aug-22	23-Dec-22	0	
16-8510 (6E)	Fabrication of Steel Structure (BM1) & Delivery	90	35	61.11%	17-Jun-22 A	04-Oct-22	28-Aug-22	01-Oct-22	-3	
16-8520 (6E)	Fabrication of Steel Structure (BM2) & Delivery	80	80	0%	30-Sep-22	18-Dec-22	27-Sep-22	15-Dec-22	-3	
16-8540 (6E)	Fabrication of Steel Structure (FM1) & Delivery	70	70	0%	14-Oct-22	23-Dec-22	15-Oct-22	23-Dec-22	0	
Off-site Fabrication of Turbine Modules		814	211		29-Mar-20 A	29-Mar-23	19-Aug-22	07-Jun-23	70	
Material Procurement		608	33		29-Mar-20 A	02-Oct-22	01-Sep-22	03-Oct-22	1	
06-1050-3(1)	Electrical and Instrumentation Material Submission and A	90	24	73.33%	20-Jan-22 A	29-Sep-22	10-Sep-22	03-Oct-22	4	
06-1060-2(1)	Pipe Material Procurement (Incl. FAT)	180	20	88.89%	28-Feb-21 A	22-Sep-22	14-Sep-22	03-Oct-22	11	
06-1060-3(1)	Electrical and Instrumentation Material Procurement (Incl	365	33	90.96%	29-Mar-20 A	02-Oct-22	01-Sep-22	03-Oct-22	1	
Fabrication of Module (Power Island)		570	211		30-Oct-21 A	29-Mar-23	19-Aug-22	07-Jun-23	70	
Turbine Module 1		518	136		30-Oct-21 A	13-Jan-23	19-Aug-22	01-Jan-23	-12	
06-4010(6)	Turbine Module 1 - Steam Turbine 1 Fabrication	450	100	77.78%	30-Oct-21 A	31-Dec-22	24-Sep-22	01-Jan-23	1	
06-4020(6)	Turbine Module 1 - Generator & Equipment Installation	450	100	77.78%	05-Jan-22 A	08-Dec-22	24-Sep-22	01-Jan-23	24	
06-4040(6)	Turbine Module 1 - TBS Tower 1 Fabrication	60	60	0%	10-Sep-22 A	29-Oct-22	19-Aug-22	17-Oct-22	-12	
06-4040-1(M55)	Turbine Module 1 - TBS Tower 1 Erection & Installation	76	76	0%	30-Oct-22	13-Jan-23	18-Oct-22	01-Jan-23	-12	
Turbine Module 2		450	196		28-Jan-22 A	14-Mar-23	28-Sep-22	11-Apr-23	28	
06-4210(6)	Turbine Module 2 - Steam Turbine 2 Fabrication	450	196	56.44%	28-Jan-22 A	14-Mar-23	28-Sep-22	11-Apr-23	28	



Progarmme for Design and Construction Works (Rev WP-6E-M57)

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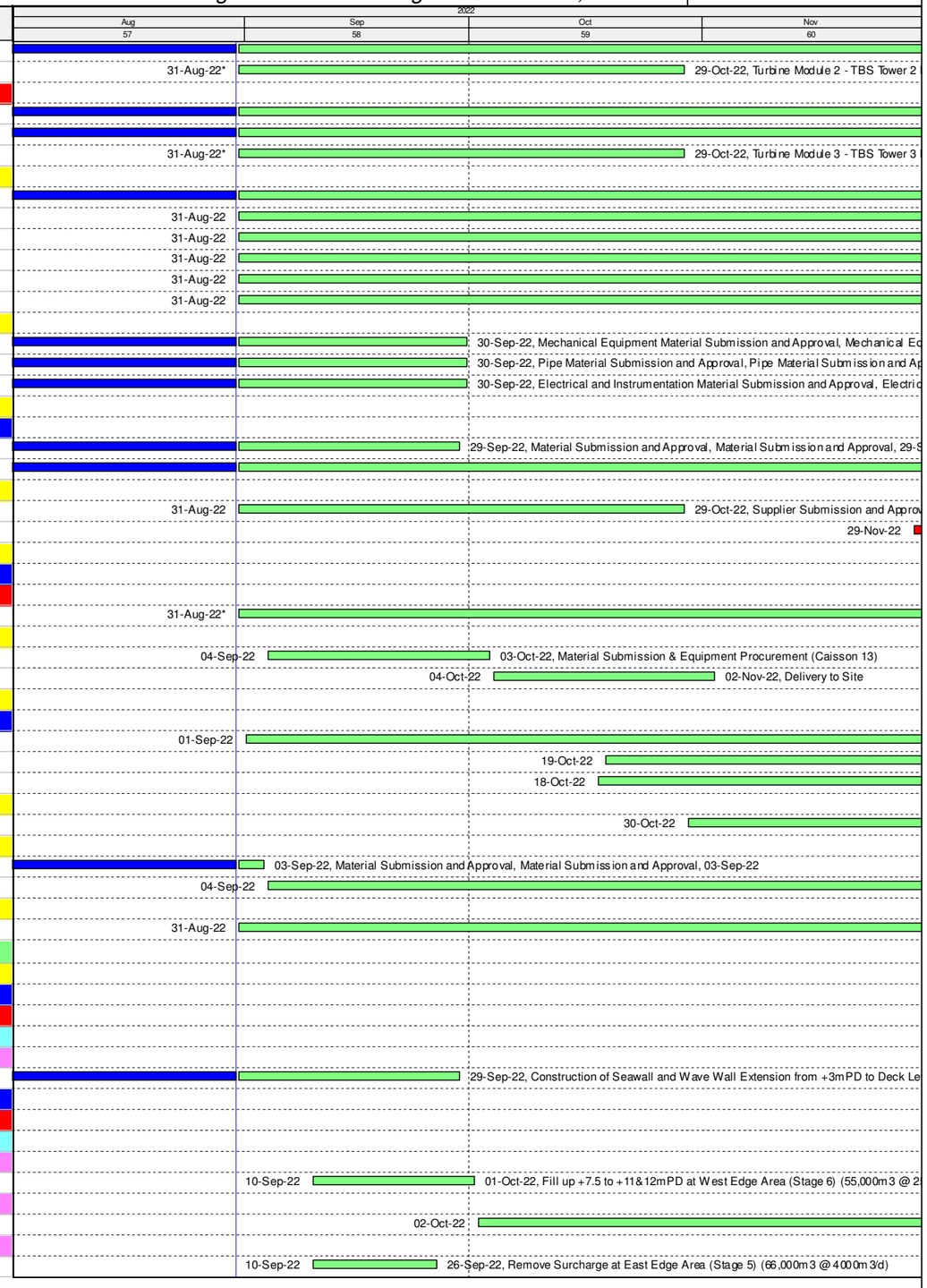
31-Jul-22	Rev 6E - Jul 2022 Update		
31-Aug-22	Rev 6E - Aug 2022 Update		

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
06-4220(6)	Turbine Module 2 - Generator & Equipment Installation	450	196	56.44%	28-Jan-22 A	14-Mar-23	28-Sep-22	11-Apr-23	28	
06-4240(6)	Turbine Module 2 - TBS Tower 2 Fabrication	60	60	0%	31-Aug-22*	29-Oct-22	01-Oct-22	29-Nov-22	31	
Turbine Module 3		450	211		27-Feb-22 A	29-Mar-23	09-Nov-22	07-Jun-23	70	
06-4410(6)	Turbine Module 3 - Steam Turbine 3 Fabrication	450	211	53.11%	27-Feb-22 A	29-Mar-23	09-Nov-22	07-Jun-23	70	
06-4420(6)	Turbine Module 3 - Generator & Equipment Installation	450	211	53.11%	27-Feb-22 A	29-Mar-23	09-Nov-22	07-Jun-23	70	
06-4440(6)	Turbine Module 3 - TBS Tower 3 Fabrication	60	60	0%	31-Aug-22*	29-Oct-22	27-Nov-22	25-Jan-23	88	
Procurement for Mechanical Treatment Plant Building Plant Equip		374	312		13-Jun-21 A	08-Jul-23	23-Sep-22	31-Jul-23	23	
06-1150-1(1)	Mechanical Equipment Material Submission and Approval	180	123	31.67%	13-Jun-21 A	31-Dec-22	02-Oct-22	01-Feb-23	32	
06-1150-2(1)	Pipe Material Submission and Approval	180	180	0%	31-Aug-22	26-Feb-23	08-Nov-22	06-May-23	69	
06-1150-3(1)	Electrical and Instrumentation Material Submission and A	180	180	0%	31-Aug-22	26-Feb-23	07-Nov-22	05-May-23	68	
06-1160-1(1)	Mechanical Equipment Procurement (Incl. FAT)	312	312	0%	31-Aug-22	08-Jul-23	23-Sep-22	31-Jul-23	23	
06-1160-2(1)	Pipe Material Procurement (Incl. FAT)	266	266	0%	31-Aug-22	23-May-23	08-Nov-22	31-Jul-23	69	
06-1160-3(1)	Electrical and Instrumentation Material Procurement (Incl	267	267	0%	31-Aug-22	24-May-23	07-Nov-22	31-Jul-23	68	
Procurement for Wastewater Treatment Plant Equipment		105	31		23-Jun-22 A	30-Sep-22	21-Nov-22	21-Dec-22	82	
06-1190-1(1)	Mechanical Equipment Material Submission and Approval	90	31	65.56%	23-Jun-22 A	30-Sep-22	21-Nov-22	21-Dec-22	82	
06-1190-2(1)	Pipe Material Submission and Approval	90	31	65.56%	23-Jun-22 A	30-Sep-22	21-Nov-22	21-Dec-22	82	
06-1190-3(1)	Electrical and Instrumentation Material Submission and A	90	31	65.56%	29-Jul-22 A	30-Sep-22	21-Nov-22	21-Dec-22	82	
Procurement for HV Transformers and Associated Equipment		240	210		31-May-22	28-Mar-23	31-Oct-22	28-May-23	61	
Procurement of Switchboard/Pannels and Cables		240	210		31-May-22	28-Mar-23	31-Oct-22	28-May-23	61	
06-2090(1)	Material Submission and Approval	60	30	50%	31-May-22	29-Sep-22	31-Oct-22	29-Nov-22	61	
06-2100(1)	Material & Equipment Procurement	240	210	12.5%	31-May-22	28-Mar-23	31-Oct-22	28-May-23	61	
Procurement for Onshore Crane at Berth		450	450		31-Aug-22	23-Nov-23	24-Sep-22	17-Nov-23	-6	
06-1350	Supplier Submission and Approval	60	60	0%	31-Aug-22	29-Oct-22	24-Sep-22	22-Nov-22	24	
06-1360	Material & Equipment Procurement	360	360	0%	29-Nov-22	23-Nov-23	23-Nov-22	17-Nov-23	-6	
Procruement and Off-site Fabrication of Pipe Bridges (Incl. Pipings		180	180		31-Aug-22	26-Feb-23	25-Sep-22	23-Mar-23	25	
Fabrication of Pipe Bridge B		180	180		31-Aug-22	26-Feb-23	25-Sep-22	23-Mar-23	25	
Pipe Bridge B Between CCCW and Turbine Hall		180	180		31-Aug-22	26-Feb-23	25-Sep-22	23-Mar-23	25	
06-5300(6)	Structure Cutting, Painting & Pre-assembly	180	180	0%	31-Aug-22*	26-Feb-23	25-Sep-22	23-Mar-23	25	
Procurement for Drainage System		60	60		04-Sep-22	02-Nov-22	10-Sep-22	08-Nov-22	6	
06-1620-3(M55)	Material Submission & Equipment Procurement (Caisson	30	30	0%	04-Sep-22	03-Oct-22	10-Sep-22	09-Oct-22	6	
06-1620-4(M55)	Delivery to Site	30	30	0%	04-Oct-22	02-Nov-22	10-Oct-22	08-Nov-22	6	
Procurement for Cranage Equipment		240	240		01-Sep-22	28-Apr-23	04-Sep-22	01-May-23	3	
EOTC		240	240		01-Sep-22	28-Apr-23	04-Sep-22	01-May-23	3	
06-1910	Material & Equipment Procurement	180	180	0%	01-Sep-22	27-Feb-23	04-Sep-22	02-Mar-23	3	
06-1920	Factory Acceptance Test (FAT)	192	192	0%	19-Oct-22	28-Apr-23	22-Oct-22	01-May-23	3	
06-1940(M54)	EOTC Delivery to Site Batch 1	90	90	0%	18-Oct-22	15-Jan-23	17-Nov-22	14-Feb-23	30	
Procurement for Air Quality Monitoring Station Equipment		60	60		30-Oct-22	28-Dec-22	09-Nov-22	07-Jan-23	10	
06-2150(1)	Material Submission and Approval	60	60	0%	30-Oct-22	28-Dec-22	09-Nov-22	07-Jan-23	10	
Procurement for Pipes and Insulation for on site installations		296	204		31-May-22	22-Mar-23	01-Oct-22	22-Apr-23	31	
06-2250(1)	Material Submission and Approval	60	4	93.33%	31-May-22	03-Sep-22	01-Oct-22	04-Oct-22	31	
06-2260(1)	Material & Equipment Procurement	200	200	0%	04-Sep-22	22-Mar-23	05-Oct-22	22-Apr-23	31	
Procurement for Building Finishes Materials (Doors, windows and		250	250		31-Aug-22	07-May-23	16-Oct-22	22-Jun-23	46	
06-8000(6)	Incineration Plant Building - Material Submission, Procure	250	250	0%	31-Aug-22	07-May-23	16-Oct-22	22-Jun-23	46	
Maritime Works		304	212		31-May-22	30-Mar-23	13-Sep-22	12-May-23	43	
Marine Construction		304	212		31-May-22	30-Mar-23	13-Sep-22	12-May-23	43	
Phase I - Construction of Perimeter Seawalls		60	30		31-May-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
Seawall and Berth at DCM Area		60	30		31-May-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
Seawall Structural Works		60	30		31-May-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
Remain Works		60	30		31-May-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
08-1120-3(M55)	Construction of Seawall and Wave Wall Extension from +3	60	30	50%	31-May-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
Phase II - Reclamation, Breakwater and Berth Construction		212	212		31-Aug-22	30-Mar-23	13-Sep-22	12-May-23	43	
Reclamation		202	202		10-Sep-22	30-Mar-23	13-Sep-22	12-May-23	43	
Reclamation Works		202	202		10-Sep-22	30-Mar-23	13-Sep-22	12-May-23	43	
Surcharge Filling		22	22		10-Sep-22	01-Oct-22	23-Oct-22	13-Nov-22	43	
08-3060(6)	Fill up +7.5 to +11&12mPD at West Edge Area (Stage 6) (	22	22	0%	10-Sep-22	01-Oct-22	23-Oct-22	13-Nov-22	43	
Surcharge Period		180	180		02-Oct-22	30-Mar-23	14-Nov-22	12-May-23	43	
08-3120-1(6)	Loading @ +11&12mPD at West Edge Area (Stage 6)	180	180	0%	02-Oct-22	30-Mar-23	14-Nov-22	12-May-23	43	
Surcharge Removal		17	17		10-Sep-22	26-Sep-22	13-Sep-22	29-Sep-22	3	
08-3200(6)	Remove Surcharge at East Edge Area (Stage 5) (66,000m	17	17	0%	10-Sep-22	26-Sep-22	13-Sep-22	29-Sep-22	3	



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Keppel Seghers

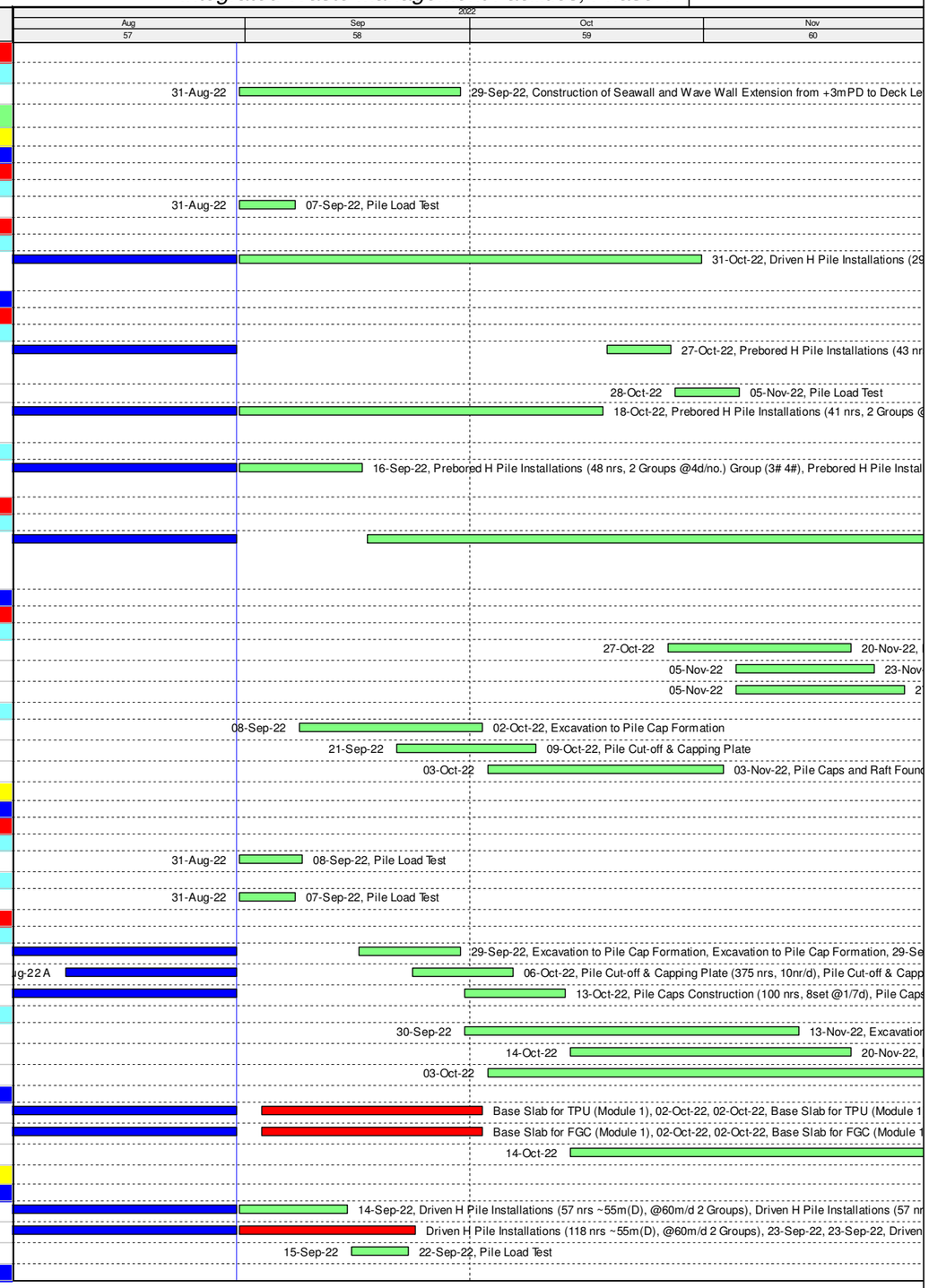
KEPPEL SEGHERS - ZHEN HUA JOINT VENTURE

Contract No. EP/SP/66/12

Integrated Waste Management Facilities, Phase 1

環境保護署 Environmental Protection Department

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
Seawall and Berth at Marine Access		30	30		31-Aug-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
Remain Works		30	30		31-Aug-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
08-1330(2)	Construction of Seawall and Wave Wall Extension from +:	30	30	0%	31-Aug-22	29-Sep-22	25-Oct-22	23-Nov-22	55	
Foundation Works		245	122		30-Apr-22 A	30-Dec-22	24-Aug-22	11-Jan-23	12	
Process Building - Waste Bunker & Tipping Hall Bld Foundation		226	95		30-Apr-22 A	03-Dec-22	11-Sep-22	11-Jan-23	39	
Piling Works (Driven H-pile)		103	62		07-Jul-22 A	31-Oct-22	12-Sep-22	11-Jan-23	72	
Piling Stage 1 (Module 1)		8	8		31-Aug-22	07-Sep-22	12-Sep-22	19-Sep-22	12	
Bunker (Subzone 11&12)		8	8		31-Aug-22	07-Sep-22	12-Sep-22	19-Sep-22	12	
09-1130	Pile Load Test	8	8	0%	31-Aug-22	07-Sep-22	12-Sep-22	19-Sep-22	12	
Piling Stage 3 (Module 3)		99	62		07-Jul-22 A	31-Oct-22	10-Nov-22	11-Jan-23	72	
Bunker (Subzone 25, 26&27)		99	62		07-Jul-22 A	31-Oct-22	10-Nov-22	11-Jan-23	72	
09-2210	Driven H Pile Installations (297 nrs ~40m(D), @60m/d 2 Groups)	99	62	37.37%	07-Jul-22 A	31-Oct-22	10-Nov-22	11-Jan-23	72	47/297 completed, 127 inprogress
Piling Works (Socket H-pile)		211	95		30-Apr-22 A	03-Dec-22	11-Sep-22	29-Dec-22	26	
Piling Stage 1 (Module 1)		190	67		30-Apr-22 A	05-Nov-22	11-Sep-22	01-Dec-22	26	
Tipping Hall (Subzone 1&2)		183	67		06-May-22	05-Nov-22	11-Sep-22	01-Dec-22	26	
09-2190	Prebored H Pile Installations (43 nrs, 2 Groups @4d/no.) Group (1# 2#)	86	9	89.53%	21-Jun-22 A	27-Oct-22	14-Nov-22	22-Nov-22	26	36/43 completed, 5 inprogress
09-2200	Pile Load Test	9	9	0%	28-Oct-22	05-Nov-22	23-Nov-22	01-Dec-22	26	
09-2230	Prebored H Pile Installations (41 nrs, 2 Groups @4d/no.) Group (1# 2#)	82	49	40.24%	06-May-22 A	18-Oct-22	11-Sep-22	29-Oct-22	11	14/41 completed, 5 inprogress
Bunker (Subzone 3&4a)		96	17		30-Apr-22 A	16-Sep-22	25-Sep-22	12-Oct-22	26	
09-2260	Prebored H Pile Installations (48 nrs, 2 Groups @4d/no.) Group (3# 4#)	96	17	82.29%	30-Apr-22 A	16-Sep-22	25-Sep-22	12-Oct-22	26	36/48 completed, 7 inprogress
Piling Stage 2 (Module 2)		102	78		07-Jul-22 A	03-Dec-22	12-Oct-22	29-Dec-22	26	
Tipping Hall (Subzone 13)		102	78		07-Jul-22 A	03-Dec-22	12-Oct-22	29-Dec-22	26	
09-2240	Prebored H Pile Installations (51 nrs, 2 Groups @4d/no.) Group (3# 4#)	102	78	23.53%	07-Jul-22 A	03-Dec-22	12-Oct-22	29-Dec-22	26	11/51 completed, 2 inprogress
Pile Cap Construction		81	81		08-Sep-22	27-Nov-22	20-Sep-22	08-Dec-22	11	
Pile Cap Stage 1 (Module 1)		81	81		08-Sep-22	27-Nov-22	20-Sep-22	08-Dec-22	11	
Tipping Hall		32	32		27-Oct-22	27-Nov-22	07-Nov-22	08-Dec-22	11	
09-1180	Excavation to Pile Cap Formation	25	25	0%	27-Oct-22	20-Nov-22	07-Nov-22	01-Dec-22	11	
09-1190	Pile Cut-off & Capping Plate (76 nrs, 4nr/d)	19	19	0%	05-Nov-22	23-Nov-22	16-Nov-22	04-Dec-22	11	
09-1200	Pile Caps Construction (26nrs 8set @ 1/7d)	23	23	0%	05-Nov-22	27-Nov-22	16-Nov-22	08-Dec-22	11	
Bunker		57	57		08-Sep-22	03-Nov-22	20-Sep-22	15-Nov-22	12	
09-1200-1	Excavation to Pile Cap Formation	25	25	0%	08-Sep-22	02-Oct-22	20-Sep-22	14-Oct-22	12	
09-2400	Pile Cut-off & Capping Plate	19	19	0%	21-Sep-22	09-Oct-22	21-Oct-22	08-Nov-22	30	
09-2410	Pile Caps and Raft Foundation Construction (50m x 36m 4	32	32	0%	03-Oct-22	03-Nov-22	15-Oct-22	15-Nov-22	12	
Process Building - Boiler & Flue Gas Treatment Bld Foundation		165	120		02-Jun-22 A	28-Dec-22	26-Aug-22	29-Dec-22	1	
Boiler Building & Flue Gas Foundation		150	120		15-Jul-22 A	28-Dec-22	17-Sep-22	29-Dec-22	1	
Piling Works (Driven H-pile)		9	9		31-Aug-22	08-Sep-22	22-Sep-22	30-Sep-22	22	
Piling Stage 2 (Module 2)		9	9		31-Aug-22	08-Sep-22	22-Sep-22	30-Sep-22	22	
09-1360	Pile Load Test	9	9	0%	31-Aug-22	08-Sep-22	22-Sep-22	30-Sep-22	22	
Piling Stage 3 (Module 3)		8	8		31-Aug-22	07-Sep-22	23-Sep-22	30-Sep-22	23	
09-1390	Pile Load Test	8	8	0%	31-Aug-22	07-Sep-22	23-Sep-22	30-Sep-22	23	
Pile Caps Construction		150	104		15-Jul-22 A	28-Dec-22	17-Sep-22	29-Dec-22	1	
Pile Cap Stage 2 (Module 2)		87	28		15-Jul-22 A	13-Oct-22	17-Sep-22	21-Oct-22	8	
09-1430	Excavation to Pile Cap Formation	45	14	68.89%	15-Jul-22 A	29-Sep-22	17-Sep-22	30-Sep-22	1	
09-1440	Pile Cut-off & Capping Plate (375 nrs, 10nr/d)	38	14	63.16%	08-Aug-22 A	06-Oct-22	01-Oct-22	14-Oct-22	8	
09-1450	Pile Caps Construction (100 nrs, 8set @1/7d)	87	14	83.91%	15-Jul-22 A	13-Oct-22	08-Oct-22	21-Oct-22	8	
Pile Cap Stage 3 (Module 3)		90	90		30-Sep-22	28-Dec-22	01-Oct-22	29-Dec-22	1	
09-1460	Excavation to Pile Cap Formation	45	45	0%	30-Sep-22	13-Nov-22	01-Oct-22	14-Nov-22	1	
09-1470	Pile Cut-off & Capping Plate (376 nrs, 10nr/d)	38	38	0%	14-Oct-22	20-Nov-22	15-Nov-22	22-Dec-22	32	
09-1480	Pile Caps Construction (52 nrs, 4set @1/7d)	87	87	0%	03-Oct-22	28-Dec-22	04-Oct-22	29-Dec-22	1	
RC Base Slab		139	91		02-Jun-22 A	02-Dec-22	26-Aug-22	10-Dec-22	8	
10-1580	Base Slab for TPU (Module 1)	60	30	50%	02-Jun-22 A	02-Oct-22	26-Aug-22	24-Sep-22	-8	
10-1580-1(6D)	Base Slab for FGC (Module 1)	60	30	50%	02-Jun-22 A	02-Oct-22	26-Aug-22	24-Sep-22	-8	
10-1590	Base Slab Stage 2 (Module 2)	50	50	0%	14-Oct-22	02-Dec-22	22-Oct-22	10-Dec-22	8	
Turbine Hall Bld Foundation		186	94		31-May-22	02-Dec-22	28-Aug-22	29-Nov-22	-3	
Piling Works (Driven H-pile)		115	24		31-May-22	23-Sep-22	28-Aug-22	18-Nov-22	56	
09-1730	Driven H Pile Installations (57 nrs ~55m(D), @60m/d 2 Gr	33	15	54.55%	31-May-22	14-Sep-22	22-Sep-22	06-Oct-22	22	31/57 completed
09-1730-1(M55)	Driven H Pile Installations (118 nrs ~55m(D), @60m/d 2 G	68	24	64.71%	31-May-22	23-Sep-22	28-Aug-22	20-Sep-22	-3	76/118 completed
09-1740	Pile Load Test	8	8	0%	15-Sep-22	22-Sep-22	11-Nov-22	18-Nov-22	57	
Pile Caps Construction		70	70		24-Sep-22	02-Dec-22	21-Sep-22	29-Nov-22	-3	



Progarmme for Design and Construction Works (Rev WP-6E-M57)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
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Critical Milestone

Date	Revision	Checked	Approved
04/12/17	Rev. 0 - 1st Issue		
30-Jun-22	Rev 6E - Jun 2022 Update		
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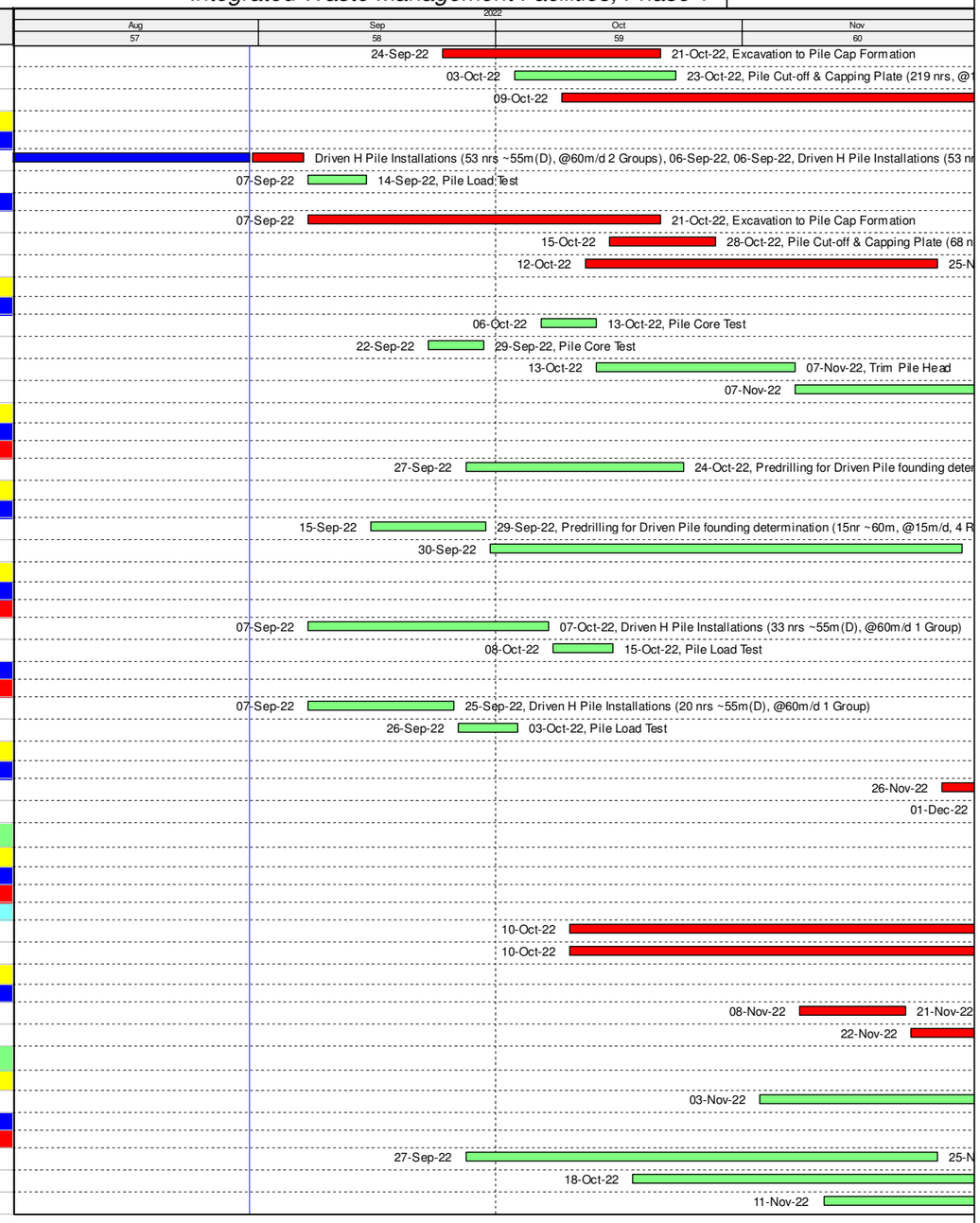
Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M57 Remarks
09-1750	Excavation to Pile Cap Formation	28	28	0%	24-Sep-22	21-Oct-22	21-Sep-22	18-Oct-22	-3	
09-1760	Pile Cut-off & Capping Plate (219 nrs, @10nr/d)	21	21	0%	03-Oct-22	23-Oct-22	27-Oct-22	16-Nov-22	24	
09-1770	Pile Caps Construction for Module 1 to 3 & Raft Foundatio	55	55	0%	09-Oct-22	02-Dec-22	06-Oct-22	29-Nov-22	-3	
Compressor & CCCW Bld Foundation		117	87		07-Jul-22 A	25-Nov-22	24-Aug-22	18-Nov-22	-7	
Piling Works (Driven H-pile)		45	15		07-Jul-22 A	14-Sep-22	24-Aug-22	14-Oct-22	30	
09-2320	Driven H Pile Installations (53 nrs ~55m(D), @60m/d 2 Gr	32	7	78.13%	07-Jul-22 A	06-Sep-22	24-Aug-22	30-Aug-22	-7	41/53 completed
09-2330	Pile Load Test	8	8	0%	07-Sep-22	14-Sep-22	07-Oct-22	14-Oct-22	30	
Pile Caps Construction		80	80		07-Sep-22	25-Nov-22	31-Aug-22	18-Nov-22	-7	
09-2340	Excavation to Pile Cap Formation	45	45	0%	07-Sep-22	21-Oct-22	31-Aug-22	14-Oct-22	-7	
09-2350	Pile Cut-off & Capping Plate (68 nrs, @10nr/d)	14	14	0%	15-Oct-22	28-Oct-22	08-Oct-22	21-Oct-22	-7	
09-2350-1(6)	Pile Caps Construction (9 nrs, @0.2nr/d)	45	45	0%	12-Oct-22	25-Nov-22	05-Oct-22	18-Nov-22	-7	
Chimney Foundation		73	73		22-Sep-22	04-Dec-22	23-Oct-22	20-Dec-22	16	
Piling Works (Bored Pile)		73	73		22-Sep-22	04-Dec-22	23-Oct-22	20-Dec-22	16	
09-1830	Pile Core Test	7	7	0%	06-Oct-22	13-Oct-22	23-Oct-22	29-Oct-22	16	
09-1830-2	Pile Core Test	7	7	0%	22-Sep-22	29-Sep-22	23-Oct-22	29-Oct-22	31	
09-1830-3	Trim Pile Head	25	25	0%	13-Oct-22	07-Nov-22	30-Oct-22	23-Nov-22	16	
09-1830-4	Backfill	27	27	0%	07-Nov-22	04-Dec-22	24-Nov-22	20-Dec-22	16	
MT Plant & WT Bld Foundation		28	28		27-Sep-22	24-Oct-22	23-Nov-22	20-Dec-22	57	
Piling Works		28	28		27-Sep-22	24-Oct-22	23-Nov-22	20-Dec-22	57	
MT & WT Plant (Driven H-pile)		28	28		27-Sep-22	24-Oct-22	23-Nov-22	20-Dec-22	57	
09-1860(6)	Predrilling for Driven Pile founding determination (56nr ~6	28	28	0%	27-Sep-22	24-Oct-22	23-Nov-22	20-Dec-22	57	
IWMF Substation Building Foundation		75	75		15-Sep-22	28-Nov-22	07-Oct-22	20-Dec-22	22	
Piling Works (Driven H-pile)		75	75		15-Sep-22	28-Nov-22	07-Oct-22	20-Dec-22	22	
09-1970(6)	Predrilling for Driven Pile founding determination (15nr ~6	15	15	0%	15-Sep-22	29-Sep-22	07-Oct-22	21-Oct-22	22	
09-1980	Driven H Pile Installations (120 nrs ~60m(D), @60m/d 2 (	60	60	0%	30-Sep-22	28-Nov-22	22-Oct-22	20-Dec-22	22	
Pipe Bridge Foundation		39	39		07-Sep-22	15-Oct-22	11-Oct-22	18-Nov-22	34	
Pipe Bridge B		39	39		07-Sep-22	15-Oct-22	11-Oct-22	18-Nov-22	34	
Piling Works Piling Works (Driven H-pile)		39	39		07-Sep-22	15-Oct-22	11-Oct-22	18-Nov-22	34	
09-2450	Driven H Pile Installations (33 nrs ~55m(D), @60m/d 1 Gr	31	31	0%	07-Sep-22	07-Oct-22	11-Oct-22	10-Nov-22	34	
09-2460	Pile Load Test	8	8	0%	08-Oct-22	15-Oct-22	11-Nov-22	18-Nov-22	34	
Pipe Bridge C		27	27		07-Sep-22	03-Oct-22	23-Oct-22	18-Nov-22	46	
Piling Works Piling Works (Driven H-pile)		27	27		07-Sep-22	03-Oct-22	23-Oct-22	18-Nov-22	46	
09-2500	Driven H Pile Installations (20 nrs ~55m(D), @60m/d 1 Gr	19	19	0%	07-Sep-22	25-Sep-22	23-Oct-22	10-Nov-22	46	
09-2510	Pile Load Test	8	8	0%	26-Sep-22	03-Oct-22	11-Nov-22	18-Nov-22	46	
Heavy Load Access		35	35		26-Nov-22	30-Dec-22	19-Nov-22	23-Dec-22	-7	
Construction		35	35		26-Nov-22	30-Dec-22	19-Nov-22	23-Dec-22	-7	
09-3000(6D)	500mm Sub Base & Road Base	30	30	0%	26-Nov-22	25-Dec-22	19-Nov-22	18-Dec-22	-7	
09-3010(6D)10	Compaction & Leveling	30	30	0%	01-Dec-22	30-Dec-22	24-Nov-22	23-Dec-22	-7	
Superstructural Works		60	60		10-Oct-22	08-Dec-22	02-Oct-22	03-Dec-22	-5	
Process Buildings - Boiler & Flue Gas Treatment Bld Structure		60	60		10-Oct-22	08-Dec-22	02-Oct-22	03-Dec-22	-5	
Steel Structure		60	60		10-Oct-22	08-Dec-22	02-Oct-22	03-Dec-22	-5	
Boiler Building Steel Structure		60	60		10-Oct-22	08-Dec-22	02-Oct-22	03-Dec-22	-5	
Steel Structure Erection at Module 1		60	60		10-Oct-22	08-Dec-22	02-Oct-22	03-Dec-22	-5	
10-1610	Erection of Mega Columns (4nos @30d /column /gang x 2)	60	60	0%	10-Oct-22	08-Dec-22	02-Oct-22	30-Nov-22	-8	
10-1620	Steel Roof Truss Ground Assembly Works	60	60	0%	10-Oct-22	08-Dec-22	05-Oct-22	03-Dec-22	-5	
Turbine Hall Bld Structure		28	28		08-Nov-22	05-Dec-22	05-Nov-22	02-Dec-22	-3	
Stage 1 (Module 1 & Electrical Bld)		28	28		08-Nov-22	05-Dec-22	05-Nov-22	02-Dec-22	-3	
10-1910	Slab to +6.0mPD	14	14	0%	08-Nov-22	21-Nov-22	05-Nov-22	18-Nov-22	-3	
10-1920	Column & Wall to +15.0mPD	14	14	0%	22-Nov-22	05-Dec-22	19-Nov-22	02-Dec-22	-3	
Landscape, External Road and Drains Works		105	105		27-Sep-22	09-Jan-23	30-Sep-22	12-Jan-23	3	
Drainage Works		105	105		27-Sep-22	09-Jan-23	30-Sep-22	12-Jan-23	3	
14-1000-1(M55)	Sewage Transfer System for IWMF Vessels (Caisson 13)	60	60	0%	03-Nov-22	01-Jan-23	09-Nov-22	07-Jan-23	6	
Box Culvert		105	105		27-Sep-22	09-Jan-23	30-Sep-22	12-Jan-23	3	
East Culvert (3.5m x 2.5m x 118m)		105	105		27-Sep-22	09-Jan-23	30-Sep-22	12-Jan-23	3	
14-2000	Excavation to Formation	60	60	0%	27-Sep-22	25-Nov-22	30-Sep-22	28-Nov-22	3	
14-2010	Construction of Box Culvert (118m, 1.7m/d)	70	70	0%	18-Oct-22	26-Dec-22	21-Oct-22	29-Dec-22	3	
14-2020	Backfill, Compaction & Testing	60	60	0%	11-Nov-22	09-Jan-23	14-Nov-22	12-Jan-23	3	



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