

LAMPIRAN

Lampiran 1 : Data Konsumsi Energi pada *line* A1 Tahun 2018

TANGGAL	DATA KONSUMSI ENERGI A1 JANUARI 2018 - JUNI 2018 (kWh)					
	Januari	Februari	Maret	April	Mei	Juni
1	47111	46663	42854	46383	49374	47169
2	49157	50023	45109	42362	45817	47308
3	39847	48971	42381	47537	48954	46862
4	45097	46219	45361	47885	47609	46152
5	44658	43680	48079	47554	50407	43212
6	46385	47764	51480	45958	42359	44892
7	46712	46430	48932	47329	46152	45928
8	45487	49438	47666	54045	48285	48862
9	44441	52396	45319	52167	50520	52863
10	43832	57503	44742	50250	51173	52415
11	44718	46472	45094	44716	52599	50259
12	44059	46836	46804	44064	53696	51902
13	44515	47171	47680	45445	50746	48041
14	43533	46776	49587	47289	49797	47781
15	44347	47670	47799	45138	47712	45207
16	49305	47837	46317	44687	45937	42688
17	54269	42502	46346	51337	44313	43209
18	53978	49597	45673	49570	44774	43894
19	53565	45316	44283	48786	44266	44436
20	50632	47597	49172	51596	42713	47534
21	48896	46582	49251	50371	43140	42001
22	50364	45900	46422	49341	47556	43868
23	45244	46649	45759	41827	45496	43328
24	45391	47532	45654	41164	49277	43651
25	44872	46892	46823	56605	46933	43516

26	45878	49638	51963	45724	48183	47615
27	46436	51447	51738	48665	42506	49698
28	44613	43473	53402	48860	45257	45587
29	45305		50220	48273	46960	45753
30	46946		40006	44530	46044	46016
31	46522		44230		48326	
Total :	1446115	1334973	1456146	1429458	1466881	1391647

TANGGAL	DATA KONSUMSI ENERGI A1 JULI 2018 - DESEMBER 2018 (kWh)					
	Juli	Agustus	September	Oktober	November	Desember
1	44844	40825	95585	48880	47323	49709
2	45505	45235	91835	51491	45829	48407
3	47287	45356	95197	51073	46642	46701
4	45527	45990	95348	50531	45237	47672
5	43872	44169	94167	51136	46363	48457
6	48732	46546	94222	50263	49773	47668
7	48869	43458	97060	47389	45787	46734
8	51795	46167	98793	46922	47451	48364
9	52201	45021	109630	47627	45693	46666
10	52884	46962	50899	45842	46106	47566
11	57269	46771	49879	46560	44476	52140
12	56562	45635	47796	45739	47363	52008
13	55053	48135	45951	43058	56499	61902
14	51552	53376	47330	48304	56213	54005
15	48517	52492	47296	48577	56637	55943
16	48563	52973	47433	47431	59614	54929
17	48341	53685	47549	46926	52656	52382
18	46566	43561	51289	47170	49528	51228
19	45506	48221	48420	47450	54610	50114
20	50889	48294	50300	47835	50630	45096
21	49742	48595	50541	45066	54609	48797

22	48632	44380	49778	46644	46973	49385
23	47089	45570	49537	51974	46806	49355
24	48747	46851	49985	51968	48035	45938
25	47810	46237	47234	53800	50246	47300
26	48420	45522	47204	52849	48715	47581
27	48293	45746	47069	48099	52290	49296
28	49955	47674	47115	45442	48590	49776
29	49230	97396	48122	45382	49292	50206
30	52384	95155	49629	46651	50837	50855
31	58771	92827		46331		50399
Total :	1539407	1598825	1892193	1494410	1490823	1546579

Lampiran 2 : Data Konsumsi Energi pada *line* A1 Tahun 2019

TANGGAL	DATA KONSUMSI ENERGI A1 JANUARI 2019 – JUNI 2019 (kWh)					
	Januari	Februari	Maret	April	Mei	Juni
1	44,603	51,655	43,462	48,899	50,496	49,748
2	44,874	50,279	49,855	50,844	50,473	48,622
3	46,663	51,466	48,646	49,763	54,007	48,127
4	48,247	49,638	49,350	47,470	55,401	48,652
5	46,046	52,148	50,772	51,122	54,521	48,200
6	52,776	51,170	51,287	50,245	52,801	48,247
7	45,547	51,856	49,512	50,058	48,830	48,186
8	56,137	53,224	45,738	51,563	48,084	49,848
9	53,517	51,573	48,033	50,352	48,612	49,436
10	54,150	50,311	46,835	55,012	53,416	50,818
11	53,880	47,770	51,659	53,450	49,718	50,000
12	55,299	58,396	56,282	54,046	46,972	53,381
13	49,021	57,220	60,092	52,425	50,281	53,855
14	47,553	55,973	58,748	48,575	48,423	54,850
15	48,984	53,313	57,584	57,808	48,692	53,940
16	50,841	48,758	50,382	51,695	52,021	49,350
17	51,199	49,924	50,314	51,899	43,877	50,750
18	51,016	48,314	48,153	53,565	47,564	44,940
19	49,893	49,541	46,890	52,374	45,414	49,061
20	52,005	49,409	52,446	50,423	50,007	47,398
21	49,969	51,891	45,505	50,254	45,440	56,348
22	56,894	52,247	44,903	49,883	48,484	55,764
23	53,976	52,714	52,526	50,550	45,932	55,404
24	53,852	50,807	51,284	50,876	48,579	56,902
25	46,922	50,589	53,423	55,344	47,459	53,735
26	51,852	50,454	53,464	58,698	46,941	49,351
27	48,811	49,674	50,047	52,491	49,037	49,961

28	49,963	51,809	52,914	51,590	56,355	45,071
29	50,590		49,033	52,686	53,693	47,819
30	51,339		49,557	54,454	54,834	46,631
31	50,781		48,179		47,540	
Total :	1,567,198	1,442,123	1,566,873	1,558,416	1,543,905	1,514,395

TANGGAL	DATA KONSUMSI ENERGI A1 JULI 2019 - DESEMBER 2019 (kWh)					
	Juli	Agustus	September	Oktober	November	Desember
1	47,183	49,884	43,797	49,052	51,087	49,002
2	47,640	51,500	45,818	52,760	48,225	52,913
3	48,084	57,426	47,171	53,810	45,991	51,584
4	48,114	53,975	47,235	51,888	45,582	65,840
5	46,877	53,187	54,041	49,140	46,741	66,800
6	46,287	49,446	53,240	50,210	49,262	61,245
7	46,399	47,809	53,799	51,422	47,576	60,970
8	45,974	49,222	52,728	56,514	49,509	60,100
9	46,396	51,170	54,084	57,125	48,562	61,990
10	48,444	48,333	46,630	55,259	45,369	58,440
11	49,197	45,806	45,139	51,026	37,071	56,153
12	49,958	49,593	40,995	51,639	71,923	56,535
13	49,810	56,964	46,833	49,910	62,372	54,122
14	50,582	57,236	44,678	49,515	60,491	52,012
15	53,835	56,308	46,264	50,863	51,552	45,021
16	59,521	60,489	46,717	50,437	49,902	54,781
17	58,174	46,591	53,125	49,079	54,251	53,862
18	56,171	47,124	54,389	49,691	51,943	58,694
19	53,179	45,875	48,990	49,651	51,396	55,834
20	53,059	46,234	47,201	50,197	53,516	52,012
21	51,261	46,253	47,593	50,677	51,847	49,364
22	51,993	45,855	41,113	51,117	52,445	49,326
23	55,639	48,200	43,828	53,235	62,350	49,036

24	55,891	44,026	46,882	56,195	49,048	52,692
25	53,873	44,341	47,824	59,192	60,570	51,350
26	50,120	45,113	47,695	56,657	62,101	54,453
27	49,261	41,252	46,959	54,988	54,245	57,765
28	47,939	48,348	48,786	52,506	52,478	47,179
29	49,150	45,551	45,985	53,359	54,046	51,153
30	50,639	46,894	49,004	54,083	53,806	46,970
31	51,658	46,633		52,339		51,442
Total :	1,572,307	1,526,636	1,438,545	1,623,538	1,575,257	1,688,640

Lampiran 3 : Data Konsumsi Energi pada *line* A2 Tahun 2018

TANGGAL	DATA KONSUMSI ENERGI A2 JANUARI 2018 - JUNI 2018 (kWh)					
	Januari	Februari	Maret	April	Mei	Juni
1	51828	55597	82264	54800	58531	54481
2	47417	54751	83026	61920	59393	54769
3	52677	53664	71148	64833	60577	55568
4	47742	58423	54456	65348	61502	59197
5	46690	70016	55699	64346	70223	73467
6	48330	77625	64076	57347	82488	74547
7	47044	78778	78309	55958	65912	77744
8	48350	77840	73689	55591	59815	76142
9	48512	73146	69759	51559	60996	76503
10	50678	83187	74022	45946	60376	75965
11	50432	75667	71966	59824	64197	64096
12	49438	71570	66823	61510	65380	54159
13	50240	60314	62814	69175	55558	55741
14	48809	64630	68109	69544	55062	55076
15	52545	63616	73996	69473	55566	53743
16	51524	64499	74034	68143	55817	55685
17	56672	57931	69433	69981	54493	53550
18	55400	66590	73824	63653	52930	54589
19	52885	66946	72979	61307	52439	56824
20	54450	73968	65245	60405	54082	58998
21	55341	74797	59242	58642	54952	54662
22	53139	76400	67202	68539	56257	55872
23	53211	75410	72250	57672	55393	56172
24	53809	74374	70312	76293	54150	54271
25	53372	74199	70997	69577	53870	53511
26	52301	70915	72985	53182	56111	54899
27	52279	62238	64360	66073	61300	58039

28	51291	73356	52847	63327	59124	54777
29	54915		52449	63394	57493	55858
30	60091		51321	66407	61842	57705
31	56689		57247		61853	
Total :	1608101	1930447	2096883	1873769	1837682	1796610

TANGGAL	DATA KONSUMSI ENERGI A2 JULI 2018 - DESEMBER 2018 (kWh)					
	Juli	Agustus	September	Oktober	November	Desem ber
1	54893	70712	64310	64686	76933	59933
2	52557	69941	67419	73566	76736	59061
3	54122	71580	65111	71525	76506	57013
4	57385	71499	61587	70324	77286	60151
5	56789	73032	61440	67939	72936	67871
6	55253	64027	60425	70863	50106	63519
7	58678	64684	56891	70147	57909	55718
8	58481	68706	53404	67177	54438	55322
9	62132	71546	48770	70489	53629	53838
10	60476	65616	58760	70697	54668	60904
11	67162	70639	56665	70935	55323	58301
12	68506	71132	54158	70729	52606	44140
13	68028	68706	56283	71109	48222	44047
14	66511	69721	56547	66166	49956	62600
15	58752	56725	59321	54145	52160	62859
16	56464	58533	59698	51370	52453	66459
17	54275	60271	64992	52687	52860	70521
18	56945	62689	62370	56954	54279	65404
19	54127	68360	63633	54728	53527	69755
20	50804	63537	62490	55058	51391	68801
21	49859	64741	62748	55422	52334	70603
22	42167	69911	62605	54977	53033	72267

23	40129	69876	69878	57088	53402	62493
24	42567	70962	69434	55137	52449	59976
25	40694	68879	72153	55976	52623	57315
26	45000	67972	72835	57196	58750	58207
27	56936	67561	72689	53287	64937	61450
28	56827	68050	73252	54487	67127	67815
29	58078	65926	73759	57867	59502	66810
30	60104	67031	70015	74971	58808	67392
31	59129	67317		76521		66985
Total :	1723830	2089882	1893642	1954223	1746889	1917530

Lampiran 4 : Data Konsumsi Energi pada *line* A2 Tahun 2019

TANGGAL	DATA KONSUMSI ENERGI A2 JANUARI 2019 – JUNI 2019 (kWh)					
	Januari	Februari	Maret	April	Mei	Juni
1	68,769	67,437	47,740	72,390	47,026	58,937
2	53,420	74,275	53,066	69,608	56,054	55,203
3	55,483	74,586	55,408	69,164	52,502	55,491
4	54,409	72,385	65,604	70,724	53,490	55,956
5	57,464	72,773	71,336	65,360	55,616	52,856
6	72,152	71,921	67,917	72,861	53,375	53,274
7	83,358	69,733	66,189	72,922	55,000	53,377
8	66,679	74,001	68,997	72,036	54,996	52,182
9	57,759	74,046	68,554	71,684	57,941	52,001
10	60,794	72,586	60,113	65,971	57,472	52,472
11	59,206	69,952	62,329	68,568	57,312	53,432
12	59,007	83,571	73,843	62,235	57,587	53,510
13	56,912	74,652	70,874	64,571	60,012	54,374
14	60,228	63,355	71,043	68,038	75,163	56,061
15	59,634	62,914	68,814	66,490	75,487	57,404
16	59,646	66,469	70,137	70,597	81,221	60,191
17	65,048	56,656	66,611	69,027	69,505	63,996
18	74,682	53,588	56,721	75,165	61,316	56,144
19	75,119	52,849	54,227	75,470	54,873	62,027
20	70,128	54,039	52,342	77,451	50,659	64,487
21	71,503	56,588	53,089	78,005	54,665	71,627
22	69,319	60,332	54,107	77,014	55,190	71,658
23	48,484	61,007	52,243	66,648	57,146	71,429
24	43,370	59,912	52,527	61,737	55,394	72,971
25	51,888	58,359	58,396	67,370	53,467	61,995
26	53,465	59,242	55,595	73,030	52,787	54,661
27	58,026	55,301	54,378	69,309	53,891	55,257

28	58,632	62,783	52,492	64,448	55,342	84,511
29	59,046		61,346	54,953	54,207	73,753
30	58,468		73,138	53,065	50,019	70,889
31	63,348		74,249		54,840	
Total :	1,905,446	1,835,311	1,913,422	2,065,910	1,783,554	1,812,123

TANGGAL	DATA KONSUMSI ENERGI A2 JULI 2019 - DESEMBER 2019 (kWh)					
	Juli	Agustus	September	Oktober	November	Desember
1	58,644	73,000	56,361	55,366	62,490	75,470
2	55,235	73,250	52,142	57,931	56,950	75,710
3	53,652	66,269	57,164	66,681	53,470	76,900
4	42,270	66,657	53,896	76,759	58,410	74,450
5	46,243	70,918	51,653	78,786	64,010	48,160
6	46,061	70,976	52,264	77,452	83,250	50,590
7	41,172	74,380	53,845	79,287	83,830	51,830
8	42,979	73,502	54,297	72,859	83,260	49,940
9	66,432	76,042	54,563	68,971	84,680	48,050
10	57,392	54,888	56,440	77,953	72,270	53,460
11	54,014	49,330	59,428	76,132	48,560	53,750
12	53,432	54,279	56,580	74,707	41,650	56,770
13	55,334	55,875	57,643	74,990	59,780	61,270
14	60,001	55,816	54,765	68,545	60,730	62,490
15	60,872	57,764	51,713	67,839	60,420	63,650
16	73,920	51,884	52,517	76,068	55,640	63,520
17	76,967	54,354	51,232	75,001	51,050	65,500
18	74,670	52,402	50,259	75,135	52,350	73,890
19	75,838	51,192	52,838	72,701	51,710	68,600
20	76,234	51,735	54,121	75,861	51,410	69,040
21	71,972	54,195	58,113	70,584	55,950	61,290
22	66,395	56,002	57,720	66,916	56,280	57,860
23	80,411	52,563	39,364	75,447	45,440	62,480

24	78,989	55,445	40,215	81,662	78,150	74,220
25	78,852	54,442	39,270	76,955	72,470	63,220
26	79,048	52,069	43,544	76,618	71,950	52,330
27	63,439	49,592	65,742	75,476	74,290	36,650
28	59,938	54,972	106,481	77,357	74,010	42,550
29	64,886	52,733	58,977	63,714	73,630	40,230
30	80,098	53,781	58,204	51,403	75,420	47,000
31	76,094	53,529		67,873		60,610
Total :	1,971,484	1,823,838	1,651,354	2,233,029	1,913,510	1,841,480

Lampiran 5 : Data Pull pada Line A1 Tahun 2018

TANGGAL	DATA PULL A1 JANUARI 2018 – JUNI 2018 (Ton)					
	Januari	Februari	Maret	April	Mei	Juni
1	531.942	527.400	521.507	509.655	527.888	524.957
2	526.173	523.890	524.786	515.104	529.196	527.687
3	529.139	528.657	526.234	525.115	524.253	536.726
4	527.745	536.031	513.983	534.709	530.311	533.468
5	527.759	527.122	516.231	531.888	526.309	523.667
6	522.194	524.141	517.957	528.391	525.273	528.365
7	508.873	530.553	503.442	523.223	525.437	524.596
8	521.785	517.158	510.232	519.121	528.998	526.082
9	531.176	518.368	511.707	521.760	528.082	527.739
10	524.600	526.145	515.764	522.860	535.005	525.730
11	526.011	529.475	507.891	525.676	526.030	527.225
12	524.066	526.925	490.861	534.070	522.304	522.256
13	523.753	529.605	489.380	528.516	520.942	527.838
14	520.807	530.345	493.217	528.212	522.669	524.310
15	533.083	529.583	515.365	526.617	524.655	524.796
16	529.915	530.255	526.538	523.964	531.667	524.495
17	525.786	532.398	528.770	518.990	527.145	528.262
18	526.730	535.414	530.554	529.898	531.597	524.009
19	525.087	533.222	526.519	533.152	524.525	532.576
20	523.366	531.888	528.240	526.528	529.691	530.710
21	525.290	535.096	532.243	528.345	524.319	521.846
22	530.218	525.674	524.527	533.174	530.062	520.202
23	530.059	527.673	527.914	528.061	526.663	528.912
24	525.683	519.855	522.722	531.072	537.358	522.843
25	525.541	525.675	521.950	527.176	521.404	518.430
26	527.035	493.161	526.017	523.377	524.512	531.775
27	523.753	487.901	490.372	532.460	527.548	528.139

28	522.650	523.018	483.886	527.921	526.701	531.513
29	522.968		512.889	528.859	518.742	525.478
30	526.428		512.778	528.048	532.861	534.677
31	533.502		504.587		526.778	
Total :	16,303.117	14,706.628	15,959.063	15,795.942	16,338.925	15,809.309

TANGGAL	DATA PULL A1 JULI 2018 - DESEMBER 2018 (Ton)					
	Juli	Agustus	September	Oktober	November	Desember
1	530.075	533.857		534.263	537.680	536.161
2	528.207	533.073		536.346	529.732	530.189
3	528.485	534.520		535.895	533.638	539.711
4	530.581	537.109		530.165	530.966	537.101
5	535.098	532.911		533.413	529.969	540.332
6	531.770	536.752		541.443	540.380	536.978
7	521.229	536.557		534.561	510.393	536.173
8	517.543	535.146		536.958	524.290	533.213
9	518.929	530.451	277.302	522.889	535.920	539.316
10	529.245	532.559	473.934	527.560	545.989	541.418
11	518.942	529.924	461.200	525.303	534.203	536.719
12	524.880	533.475	487.713	529.833	537.279	540.782
13	512.248	533.502	511.255	536.808	535.255	541.395
14	532.019	416.101	520.898	538.672	541.326	529.344
15	534.799	525.169	528.168	537.479	533.879	537.801
16	536.423	524.926	534.745	535.991	541.504	534.511
17	535.574	525.189	537.787	534.215	536.582	539.911
18	528.466	521.671	536.046	536.071	539.184	505.901
19	540.719	521.709	540.885	530.554	543.054	514.214
20	534.993	520.031	535.526	533.013	532.217	537.593
21	530.876	511.025	535.214	540.857	536.796	538.828
22	528.888	526.104	533.231	537.566	538.513	538.099
23	536.768	395.805	532.215	539.409	541.118	538.225

24	533.194	532.720	532.758	538.861	544.735	548.848
25	537.140	504.961	537.192	536.601	537.235	549.719
26	536.539	535.362	527.011	534.669	536.458	533.405
27	537.150	528.089	537.407	477.358	536.010	532.721
28	534.713	346.839	536.598	541.070	539.488	536.505
29	529.778		533.510	544.548	538.471	537.638
30	527.959		535.032	537.870	541.386	536.719
31	529.052			536.473		538.550
Total :	16,432.28	14,375.53	15,969	16,536.71	16,083.650	16,618.02
	2	7		4		0

Lampiran 6 : Data *Pull* pada *Line A1* Tahun 2019

TANGGAL	DATA <i>PULL</i> A1 JANUARI 2019 – JUNI 2019 (Ton)					
	Januari	Februari	Maret	April	Mei	Juni
1	531.069	536.430	536.430	479.920	531.768	521.571
2	533.308	539.023	539.023	489.930	523.143	518.498
3	541.492	532.251	532.251	477.210	531.396	517.592
4	539.148	536.408	536.408	485.883	529.357	513.747
5	537.918	539.221	539.221	492.079	525.479	517.271
6	541.553	541.628	541.628	505.799	528.247	522.877
7	544.799	540.264	540.264	508.264	534.921	524.429
8	540.836	539.525	539.525	500.079	538.857	522.916
9	534.683	543.379	543.379	353.793	545.783	519.881
10	535.300	541.548	541.548	513.666	540.549	521.076
11	534.477	531.310	531.310	515.547	537.707	526.345
12	542.094	529.553	529.553	493.562	513.332	518.210
13	539.307	535.172	535.172	519.610	514.713	508.899
14	539.244	538.435	538.435	498.880	517.873	506.387
15	541.166	534.544	534.544	496.326	520.486	511.097
16	533.672	534.106	534.106	486.576	519.268	508.552
17	534.797	538.978	538.978	525.777	526.585	504.180
18	532.628	546.362	546.362	504.494	531.108	507.791
19	539.415	538.509	538.509	524.597	530.966	512.584
20	545.481	537.903	537.903	532.226	528.293	514.952
21	540.486	543.087	543.087	467.159	530.196	510.420
22	525.834	536.818	536.818	541.343	533.098	510.864
23	542.621	546.791	546.791	536.093	527.685	512.876
24	542.469	528.547	528.547	529.554	531.313	510.660
25	529.920	540.158	540.158	525.562	532.381	512.044
26	537.957	542.312	542.312	541.945	536.553	509.663
27	537.330	539.746	539.746	448.883	531.534	517.687

28	542.390	543.789	543.789	532.895	536.976	523.968
29	534.082			542.001	527.643	518.728
30	544.847			544.518	517.408	516.734
31	530.867				518.107	
Total :	16,671.19	15,075.80	15,075.80	15,114	16,393	15,462

TANGGAL	DATA PULL A1 JULI 2019 - DESEMBER 2019 (Ton)					
	Juli	Agustus	September	Oktober	November	Desember
1	518.291	533.329	528.119	537.809	538.475	533.638
2	529.504	523.698	535.454	529.931	547.731	527.972
3	531.606	484.938	535.071	532.426	544.602	531.414
4	530.788	526.973	532.779	537.516	547.196	526.980
5	545.481	528.853	530.607	538.606	545.101	536.324
6	522.789	533.644	526.633	532.720	535.388	537.407
7	532.396	537.422	533.141	535.147	548.248	539.163
8	533.229	532.043	532.852	537.227	543.957	545.843
9	532.064	535.613	530.966	526.982	540.494	544.003
10	523.330	523.163	526.311	530.745	539.846	545.680
11	519.523	538.703	523.130	493.512	542.685	538.474
12	528.610	531.797	533.125	548.893	538.245	532.622
13	535.857	530.243	529.930	547.149	531.859	539.495
14	533.821	530.507	535.111	537.866	527.335	539.023
15	527.014	526.302	531.412	540.752	545.678	540.565
16	528.601	531.160	536.676	537.474	543.082	545.413
17	523.948	530.102	531.945	538.845	541.562	538.885
18	527.334	530.301	533.696	541.199	535.329	540.357
19	526.899	529.579	524.749	542.309	552.216	550.977
20	524.542	533.904	528.691	538.568	557.816	529.261
21	530.736	535.667	531.392	536.479	551.818	545.716
22	523.575	533.496	537.010	537.366	553.870	539.177
23	524.155	528.513	528.890	539.936	544.339	542.645

24	519.736	525.660	538.499	538.104	549.605	546.666
25	519.555	523.563	533.766	523.671	506.916	529.610
26	527.572	532.667	536.255	534.081	535.090	520.891
27	519.611	534.773	531.310	534.977	536.570	509.184
28	519.121	528.716	535.577	532.019	541.783	503.945
29	529.712	528.380	535.241	545.442	534.656	514.822
30	528.577	530.345	540.709	535.149	531.397	512.182
31	535.071	530.686		548.058		524.694
Total :	16,353	16,405	15,969	16,611	16,232.889	16,553.028

Lampiran 7 : Data *Pull* pada *Line A2* Tahun 2018

TANGGAL	DATA <i>PULL PRODUCTION A2</i> JANUARI 2018 – JUNI 2018 (Ton)					
	Januari	Februari	Maret	April	Mei	Juni
1	503.558	499.625	481.387	501.780	467.890	503.654
2	499.209	505.015	483.328	502.410	472.536	504.838
3	500.810	503.200	487.120	498.602	475.458	500.262
4	501.285	506.094	503.270	485.914	463.194	503.451
5	502.385	507.031	501.518	496.143	485.916	501.213
6	489.945	502.351	464.248	507.273	471.315	504.198
7	500.432	500.733	445.544	503.242	472.790	509.091
8	498.345	502.203	455.090	473.893	505.392	507.133
9	507.972	507.984	496.456	495.797	500.248	505.975
10	501.262	500.409	502.852	477.245	501.967	503.200
11	503.049	499.617	506.280	476.120	497.682	505.415
12	501.810	504.399	502.789	480.016	500.694	505.507
13	503.459	500.221	504.658	501.233	480.087	501.245
14	503.902	506.055	505.659	493.729	505.472	504.070
15	502.813	509.975	498.092	495.183	500.779	498.387
16	502.917	498.765	498.502	493.813	505.775	501.822
17	498.654	499.111	503.121	494.898	503.225	501.443
18	502.238	503.076	505.015	493.302	508.399	502.932
19	504.077	498.515	504.106	494.120	509.976	500.719
20	505.142	504.063	506.402	495.494	499.511	502.697
21	509.601	500.325	502.009	501.608	492.828	503.835
22	499.811	504.968	501.409	501.207	495.282	503.805
23	505.078	502.634	497.397	504.258	496.409	505.100
24	502.074	505.576	494.912	506.346	509.420	502.870
25	502.064	500.713	494.090	502.961	504.613	502.472
26	501.870	501.817	497.820	496.698	508.512	504.623
27	502.905	499.911	509.259	469.734	505.794	512.177

28	500.222	492.488	517.789	445.520	508.492	501.109
29	505.394		506.973	451.321	492.659	502.316
30	500.598		510.586	452.646	496.942	506.760
31	500.914		499.802		501.212	
Total :	15,563.795	14,066.874	15,387.483	14,692.506	15,340.469	15,112.319

TANGGAL	DATA PULL PRODUCTION A1 JULI 2018 - DESEMBER 2018 (Ton)					
	Juli	Agustus	September	Oktober	November	Desember
1	504.046	500.275	481.804	500.746	508.821	507.192
2	505.601	500.512	470.803	498.150	510.706	504.219
3	504.071	503.286	473.574	498.409	507.789	505.094
4	503.937	498.413	481.395	493.276	504.877	507.046
5	510.642	490.005	479.196	485.842	505.770	492.377
6	503.966	502.785	483.077	484.128	496.288	496.219
7	505.606	500.768	482.713	485.448	504.225	500.536
8	502.594	501.071	476.673	490.828	504.917	500.851
9	507.617	500.511	504.127	496.241	503.909	503.534
10	504.265	501.995	495.748	497.840	503.976	492.724
11	506.861	499.875	493.449	495.571	500.272	487.297
12	502.235	500.302	496.440	503.729	505.816	452.965
13	495.172	503.145	498.695	502.003	499.592	476.253
14	501.210	499.550	501.288	503.605	509.558	487.351
15	503.553	497.835	496.742	504.302	516.570	482.497
16	503.950	484.743	496.475	501.398	515.001	466.135
17	507.298	485.830	498.999	512.825	510.650	467.074
18	513.851	476.454	501.047	513.275	514.561	488.995
19	511.914	482.862	499.094	504.954	515.443	475.512
20	508.743	483.991	500.348	502.673	524.282	467.234
21	509.020	481.196	501.944	501.606	521.685	471.462
22	498.732	465.740	504.171	504.148	524.978	475.469
23	517.693	455.239	501.192	512.189	523.241	479.829

24	512.310	462.008	499.523	508.563	519.592	486.415
25	496.727	461.569	497.284	501.618	518.202	492.979
26	520.944	460.537	499.178	510.488	508.697	493.262
27	496.275	459.504	501.210	511.476	501.589	494.437
28	505.801	455.932	500.584	514.269	505.798	496.747
29	496.876	458.574	501.536	509.764	504.073	481.711
30	505.286	462.611	499.606	505.742	500.286	492.360
31	501.147	463.674		509.751		492.846
Total :	15,667.943	15,000.792	14,817.915	15,564.857	15,291.164	15,118.622

Lampiran 8 : Data *Pull* pada *Line A2* Tahun 2019

TANGGAL	DATA PULL PRODUCTION A2 JANUARI 2019 – JUNI 2019 (Ton)					
	Januari	Februari	Maret	April	Mei	Juni
1	494.612	502.090	502.090	503.492	488.083	500.283
2	499.321	505.520	505.520	512.498	518.789	502.097
3	502.436	502.689	502.689	498.277	506.867	506.184
4	503.959	506.531	506.531	496.388	506.233	514.421
5	512.250	499.134	499.134	501.405	522.644	516.227
6	505.251	503.686	503.686	507.077	523.126	511.662
7	504.174	502.111	502.111	509.306	522.402	517.116
8	513.446	507.226	507.226	502.082	522.625	512.072
9	518.659	502.422	502.422	504.877	389.252	516.170
10	503.799	506.881	506.881	506.655	476.393	515.341
11	506.244	502.423	502.423	512.493	524.848	518.870
12	509.659	504.741	504.741	509.953	520.767	515.836
13	496.905	505.088	505.088	497.226	524.249	516.167
14	504.254	502.012	502.012	492.739	523.032	519.548
15	501.123	506.046	506.046	495.827	522.918	504.458
16	501.893	501.493	501.493	500.052	525.313	514.377
17	501.771	503.768	503.768	515.568	520.353	515.111
18	492.072	501.763	501.763	503.494	530.166	516.081
19	487.147	504.511	504.511	506.847	527.493	516.239
20	486.998	516.542	516.542	505.891	513.655	516.870
21	495.317	510.386	510.386	503.173	505.558	513.098
22	498.610	510.095	510.095	507.876	505.033	502.142
23	481.650	507.876	507.876	508.398	502.048	505.586
24	496.686	502.359	502.359	503.063	506.888	503.866
25	514.963	504.878	504.878	491.912	527.305	505.793
26	508.214	501.761	501.761	503.678	523.436	517.175
27	508.376	507.063	507.063	510.540	526.238	516.791

28	503.725	511.367	511.367	500.406	522.552	508.512
29	502.537			503.720	516.740	502.372
30	501.726			490.758	499.400	507.871
31	508.623				436.370	
Total :	15,566.40	14,142.46	14,142.46	15,105.67	13,238.16	15,348

TANGGAL	DATA PULL PRODUCTION A2 JULI 2019 - DESEMBER 2019 (Ton)					
	Juli	Agustus	September	Oktober	November	Desember
1	507.218	503.068	503.068	502.678	497.812	509.446
2	505.426	503.332	503.332	496.018	498.778	513.998
3	498.927	502.155	502.155	497.278	516.317	512.307
4	518.884	492.943	492.943	499.959	517.373	506.383
5	533.011	504.410	504.410	499.075	516.960	507.923
6	520.389	500.394	500.394	498.945	514.863	504.375
7	523.150	472.077	472.077	495.404	515.708	501.250
8	537.132	438.146	438.146	497.792	509.134	505.928
9	529.561	422.977	422.977	501.251	509.367	498.890
10	514.820	482.435	482.435	500.587	511.256	504.666
11	513.511	502.537	502.537	499.678	520.711	498.369
12	507.470	500.671	500.671	494.204	549.555	499.968
13	514.690	492.845	492.845	502.617	506.749	503.402
14	511.950	495.615	495.615	501.053	506.735	504.884
15	517.655	503.354	503.354	499.974	501.057	507.152
16	505.992	495.558	495.558	501.219	499.499	502.136
17	504.457	493.887	493.887	496.704	501.360	505.403
18	503.575	499.333	499.333	502.389	499.437	497.186
19	494.695	497.938	497.938	504.429	499.817	507.831
20	505.782	496.889	496.889	498.941	503.011	507.253
21	506.805	502.361	502.361	501.170	514.763	500.726
22	491.740	504.821	504.821	496.994	516.349	500.296

23	485.181	500.525	500.525	501.324	513.081	502.152
24	488.340	498.225	498.225	480.677	514.039	493.930
25	479.770	505.230	505.230	480.884	507.921	499.850
26	484.620	496.650	496.650	496.207	505.698	502.553
27	494.718	507.382	507.382	492.436	511.400	514.361
28	489.521	505.747	505.747	488.672	512.222	489.502
29	480.021	502.759	502.759	478.146	507.872	503.315
30	484.729	502.955	502.955	492.696	515.987	517.159
31	481.858	503.766		504.197		522.571
Total :	15,636	15,331	14,827	15,404	15,314.831	15,645.165

Lampiran 9 : Data Konsumsi Listrik Kompresor pada Bulan Februari 2021 (kWh)

Tanggal	Bulan Februari
1	4,875
2	4,988
3	4,838
4	6,390
5	4,742
6	5,441
7	6,122
8	5,944
9	6,599
10	6,059
11	3,554
12	3,740
13	4,002
14	3,325
15	3,831
16	4,225
17	4,273
18	4,150
19	3,989
20	4,017
21	3,946
22	3,879
23	4,011
24	4,111
25	4,270
26	4,362
27	4,416
28	3,704

Lampiran 10 : Data Konsumsi Listrik Kompresor pada Bulan Maret 2021 (kWh)

Tanggal	Bulan Maret
1	4,004
2	4,182
3	3,898
4	6,079
5	5,244
6	4,868
7	4,438
8	5,233
9	5,071
10	4,927
11	5,011
12	5,272
13	5,320
14	5,167
15	5,106
16	4,577
17	5,505
18	4,792
19	5,296
20	5,005
21	4,767
22	4,774
23	4,721
24	4,669
25	4,966
26	5,347
27	5,756
28	6,155
29	4,947
30	6,071
31	5,317

Lampiran 11 : Data Konsumsi Listrik Motor pada Bulan Februari 2021 (Ampere)

Tanggal	LUP 1 (Ampere)	LUP 2 (Ampere)	LUP 3 (Ampere)	LUP 4 (Ampere)
1	2818	666	1927	
2	2821	2881		
3	2808	2886		
4	2818	2888		
5	2829	2884		
6	2819	2886		
7	2809	2879		
8	2161	2675		588
9		2911	2547	
10		2922	2576	
11		2926	2574	
12		2913	2572	
13		2890	2572	
14		2893	2561	
15		874	1996	2568
16	2834		2578	
17	2818		2582	
18	2840		2579	
19	2850		2588	
20	2832		2572	
21	2838		2579	
22	2180		669	2581
23		2907	2598	
24		2910	2599	
25		2925	2597	
26		2906	2590	
27		2925	2593	
28		2907	2593	

*NB : Data yang diberi warna hijau diartikan sebagai pompa mulai bekerja, sementara pompa yang digantikan berhenti bekerja.

Lampiran 12 : Data Konsumsi Listrik Motor pada Bulan Maret 2021 (Ampere)

Tanggal	LUP 1 (Ampere)	LUP 2 (Ampere)	LUP 3 (Ampere)	LUP 4 (Ampere)
1	636	2888	1794	232
2	2781	2901		
3	2757	2911		
4	2755	2900		
5	2756	2891		
6	2753	2896		
7	2756	2902		
8	2117	2902		595
9		2884	2577	
10		2885	2579	
11		2884	2577	
12		2886	2579	
13		2884	2578	
14		2885	2586	
15		218	2674	1986
16	2833	2693		230
17	2840	2933		
18	2832	2920		
19	2833	2918		
20	2836	2918		
21	2834	2896		
22	1734	2237	790	
23		2918	2563	
24		2924	2568	
25		2911	2559	
26		2912	2562	
27		2898	2565	
28		2903	2543	
29		653	2893	1968
30	2838	2906		
31	2826	2897		

*NB : Data yang diberi warna hijau diartikan sebagai pompa mulai bekerja, sementara pompa yang digantikan berhenti bekerja.

Lampiran 13 : Data Konsumsi Listrik Proses Produksi pada Bulan Februari 2021

Tanggal	Melting	Metal Bath & Lehr	Cutting Online	Cutting Offline	Batch Mixing	StopSol CVD	Circ. Water
	kWh	kWh	kWh	kWh	kWh	kWh	kWh
1	9,383	20,586	5,406	1,807	1,808	9,406	6,268
2	9,526	20,131	5,391	1,996	1,558	9,592	6,756
3	9,378	20,691	5,228	1,951	1,510	9,125	6,578
4	9,925	23,125	5,592	2,061	1,432	12,107	7,304
5	9,775	25,052	5,084	1,728	1,317	10,171	6,500
6	9,146	27,083	5,145	1,682	1,315	9,343	6,406
7	9,402	22,409	5,317	1,960	1,531	10,648	6,676
8	9,336	31,802	5,143	1,533	909	12,289	6,354
9	10,017	36,899	6,023	2,137	1,523	12,578	6,548
10	9,572	32,819	5,651	2,013	1,306	11,713	6,179
11	9,633	32,340	5,754	2,081	1,366	17,080	6,184
12	10,348	23,441	6,093	2,185	1,453	18,221	6,687
13	10,649	16,059	6,267	2,109	1,519	16,652	6,853
14	9,485	28,738	5,591	1,839	1,447	16,972	6,143
15	9,901	30,436	5,976	2,031	1,421	16,333	6,396
16	9,472	26,495	5,527	2,014	1,434	15,988	6,104
17	10,044	28,008	5,945	2,268	1,768	16,600	6,484
18	9,732	26,086	6,136	2,048	1,586	16,746	6,345
19	10,157	28,783	5,967	1,907	1,308	16,764	6,275
20	10,017	26,924	6,577	1,990	1,404	17,334	6,250
21	10,042	27,131	6,377	1,890	1,323	17,399	6,207
22	10,054	24,424	6,736	2,104	1,320	16,068	6,198
23	10,096	31,320	5,930	1,993	1,198	17,558	6,299
24	9,968	28,706	6,106	2,022	1,185	16,275	6,230
25	10,064	29,724	6,069	1,968	1,202	19,055	6,291

26	10,018	29,239	6,056	1,966	1,417	18,107	6,295
27	10,002	27,922	5,575	1,876	1,213	17,921	6,309
28	10,105	26,766	5,678	1,926	1,235	16,429	6,456
Total :	275,247	753,141	162,338	55,085	39,007	414,472	179,575

Lampiran 14 : Data Konsumsi Listrik Proses Produksi pada Bulan Maret 2021 (kWh)

Tanggal	Melting	Metal Bath & Lehr	Cutting Online	Cutting Offline	Batch Mixing	StopSol CVD	Circ. Water
1	9,721	19,949	5,266	1,943	1,138	14,399	5,929
2	9,657	23,713	5,340	2,202	1,184	14,651	6,671
3	9,297	18,778	5,430	2,158	1,310	13,563	6,363
4	9,283	16,886	5,796	2,040	1,385	8,355	6,412
5	9,787	16,254	6,166	2,203	1,382	8,606	6,756
6	9,625	17,265	5,816	2,076	1,328	8,411	6,634
7	9,695	16,265	5,803	1,963	1,322	8,309	6,559
8	9,527	17,895	5,961	2,152	1,242	8,253	6,479
9	9,734	19,792	6,094	2,053	1,444	8,015	6,105
10	10,032	19,174	6,202	2,083	1,291	8,082	6,235
11	10,071	17,076	6,184	2,049	1,509	8,498	6,268
12	9,819	17,259	6,072	1,871	1,490	8,142	6,163
13	9,947	25,538	6,329	1,910	1,340	8,432	6,243
14	10,189	24,365	6,300	1,859	1,423	9,177	6,306
15	10,528	23,992	4,782	1,918	2,434	10,053	5,755
16	9,996	17,699	758	1,889	1,687	8,278	6,378
17	10,653	19,874	4,788	2,114	1,790	8,893	6,974
18	9,687	19,515	5,701	2,200	1,753	9,343	6,473
19	10,066	22,236	6,489	2,345	1,660	9,572	6,700
20	9,968	18,958	6,351	2,159	1,647	9,150	6,530
21	10,064	18,964	6,390	2,152	2,341	8,603	6,712
22	9,977	19,130	6,541	2,259	1,336	8,768	6,563
23	10,373	18,957	6,309	2,334	1,336	9,381	6,435
24	9,722	19,490	6,072	2,192	1,404	8,912	6,097
25	10,381	19,161	6,327	2,311	1,664	9,429	6,367
26	9,692	16,017	5,505	2,146	1,641	9,003	5,999
27	10,141	17,449	5,705	2,223	1,875	8,985	6,295

28	10,782	19,588	6,168	2,289	1,740	9,957	6,763
29	8,942	13,516	5,067	1,959	1,460	7,337	5,582
30	10,429	16,464	5,679	2,349	1,782	6,709	6,918
31	9,505	17,210	5,722	1,996	1,594	9,338	6,300
Total :	307,290	588,426	177,114	65,397	47,935	286,604	197,964

Lampiran 15 : Data *Pull* pada Bulan Februari 2021 (Ton)

Tanggal	Pull
1	500
2	497
3	490
4	490
5	490
6	490
7	490
8	503
9	500
10	503
11	500
12	500
13	490
14	490
15	500
16	500
17	497
18	490
19	490
20	490
21	470
22	440
23	443
24	420
25	420
26	420
27	420
28	460

Lampiran 16 : Data *Pull* pada Bulan Maret 2021 (Ton)

Tanggal	Pull
1	490
2	497
3	500
4	500
5	500
6	500
7	500
8	500
9	500
10	500
11	500
12	500
13	500
14	500
15	500
16	500
17	500
18	500
19	500
20	500
21	500
22	500
23	500
24	500
25	500
26	500
27	500
28	500
29	500
30	500
31	500

Lampiran 17 : Data KOG pada Bulan Februari 2021

Tanggal	KOG	Thickness (mm)
1	FL	5
2	FL	5
3	FL	5
4	FL	5
5	FL	5
6	FL	3,5,5
7	FL	5
8	PNFL, PNGFL	4
9	PNGFL, PNFL	4
10	PNFL	4
11	PNFL, FL	4
12	FL	5
13	FL	5
14	PNFL, FL	4,4,5
15	SNFL	6
16	SNFL	6
17	SNFL, FL	6
18	FL, SNFL	8
19	SNFL	8
20	SNFL	8
21	SNFL, FL	8;9,9
22	SNFL	8
23	PNFL, FL	8
24	FL, PNGFL	10
25	PNFL	10
26	PNFL , SNFL	10
27	SNFL	10
28	FL	8

Lampiran 18 : Data KOG pada Bulan Maret 2021

Tanggal	KOG	Thickness (mm)
1	PNFL, FL	6,6,5
2	FL	5,8
3	FL	10
4	FL	5,8,8
5	FL	12
6	FL	10
7	FL	10
8	FL	12
9	FL	12
10	FL	8
11	FL	5
12	FL	3
13	FL	5,3,3
14	FL	5
15	FL, Unproduct	5
16	Unproduct, IGEFL	6,3,3
17	IGEFL	5
18	IGEFL, GEFL	5,6,6
19	GEFL	6
20	GEFL	6,5,5
21	GEFL	5,6,5
22	GEFL	5
23	GEFL	5
24	GEFL	4,4,6
25	GEFL	6
26	GEFL	6,5,5
27	GEFL	5
28	GEFL	8
29	GEFL	8,10,10
30	GEFL	12
31	GEFL	12,8

Lampiran 19 : Data Konsumsi Listrik Proses Produksi pada Produk FL Februari 2021 (kWh)

Tanggal	Melting	METAL BATH AND LEHR	Cutting Online	Cutting Offline	Batch Mixing	StopSol CVD	Circ. Water
1	9,383	20,586	5,406	1,807	1,808	9,406	6,268
2	9,526	20,131	5,391	1,996	1,558	9,592	6,756
3	9,378	20,691	5,228	1,951	1,510	9,125	6,578
4	9,925	23,125	5,592	2,061	1,432	12,107	7,304
5	9,775	25,052	5,084	1,728	1,317	10,171	6,500
6	9,146	27,083	5,145	1,682	1,315	9,343	6,406
7	9,402	22,409	5,317	1,960	1,531	10,648	6,676
12	10,348	23,441	6,093	2,185	1,453	18,221	6,687
13	10,649	16,059	6,267	2,109	1,519	16,652	6,853
28	10,105	26,766	5,678	1,926	1,235	16,429	6,456

Lampiran 20 : Data Konsumsi Listrik Proses Produksi pada Produk FL Maret 2021 (kWh)

Tanggal	Melting	METAL BATH AND LEHR	Cutting Online	Cutting Offline	Batch Mixing	StopSol CVD	Circ. Water
2	9,657	23,713	5,340	2,202	1,184	14,651	6,671
3	9,297	18,778	5,430	2,158	1,310	13,563	6,363
4	9,283	16,886	5,796	2,040	1,385	8,355	6,412
5	9,787	16,254	6,166	2,203	1,382	8,606	6,756
6	9,625	17,265	5,816	2,076	1,328	8,411	6,634
7	9,695	16,265	5,803	1,963	1,322	8,309	6,559
8	9,527	17,895	5,961	2,152	1,242	8,253	6,479
9	9,734	19,792	6,094	2,053	1,444	8,015	6,105
10	10,032	19,174	6,202	2,083	1,291	8,082	6,235
11	10,071	17,076	6,184	2,049	1,509	8,498	6,268
12	9,819	17,259	6,072	1,871	1,490	8,142	6,163
13	9,947	25,538	6,329	1,910	1,340	8,432	6,243
14	10,189	24,365	6,300	1,859	1,423	9,177	6,306

Lampiran 21 : Data Konsumsi Listrik Proses Produksi pada Produk GEFL Maret 2021 (kWh)

Tanggal	Melting	METAL BATH AND LEHR	Cutting Online	Cutting Offline	Batch Mixing	StopSol CVD	Circ. Water
19	10,066	22,236	6,489	2,345	1,660	9,572	6,700
20	9,968	18,958	6,351	2,159	1,647	9,150	6,530
21	10,064	18,964	6,390	2,152	2,341	8,603	6,712
22	9,977	19,130	6,541	2,259	1,336	8,768	6,563
23	10,373	18,957	6,309	2,334	1,336	9,381	6,435
24	9,722	19,490	6,072	2,192	1,404	8,912	6,097
25	10,381	19,161	6,327	2,311	1,664	9,429	6,367
26	9,692	16,017	5,505	2,146	1,641	9,003	5,999
27	10,141	17,449	5,705	2,223	1,875	8,985	6,295
28	10,782	19,588	6,168	2,289	1,740	9,957	6,763
29	8,942	13,516	5,067	1,959	1,460	7,337	5,582
30	10,429	16,464	5,679	2,349	1,782	6,709	6,918
31	9,505	17,210	5,722	1,996	1,594	9,338	6,300

Lampiran 22 : Data Daya Motor pada Produk FL Februari 2021

Tanggal	LUP 1 (kW)	LUP 2 (kW)	LUP 3 (kW)	LUP 4 (kW)
1	106.2960122	108.8609976	94.49330735	
2	106.4091733	108.6723957		
3	105.9188084	108.8609976		
4	106.2960122	108.9364383		
5	106.7109363	108.7855568		
6	106.3337325	108.8609976		
7	105.9565288	108.596955		
12		109.8794477	97.0168003	
13		109.0118791	97.0168003	
28		109.6531254	97.80892819	

Lampiran 23 : Data Daya Motor pada Produk FL Maret 2021

Tanggal	LUP 1 (kW)	LUP 2 (kW)	LUP 3 (kW)	LUP 4 (kW)
2	104.9003584	109.4268032		
3	103.9950694	109.8040069		
4	103.9196286	109.3890828		
5	103.957349	109.0495994		
6	103.8441879	109.2382013		
7	103.957349	109.4645235		
8	103.8102396	109.4645235	97.25569601	
9		108.7855568	97.20540218	
10		108.8232772	97.28084295	
11		108.7855568	97.20540218	
12		108.8609976	97.28084295	
13		108.7855568	97.24312256	
14		108.8232772	97.54488554	

Lampiran 24 : Data Daya Motor pada Produk GEFL Maret 2021

Tanggal	LUP 1 (kW)	LUP 2 (kW)	LUP 3 (kW)	LUP 4 (kW)
19	106.8618178	110.0680495		
20	106.9749789	110.0680495		
21	106.8995382	109.2382013		
22	106.2865821	109.6946178	96.84705865	
23		110.0680495	96.67731699	
24		110.2943717	96.86591881	
25		109.8040069	96.52643545	
26		109.8417273	96.6395966	
27		109.313642	96.75275771	
28		109.5022439	95.92290949	
29	106.7360832	109.1250402	96.50380325	
30	107.0504196	109.615405		
31	106.5977752	109.2759217		

Lampiran 25 : Tabel *Isothermal Coefficient*, a ($10^{-3} \text{ m}^3/\text{kg}$)

Sumber : THE INTERNATIONAL GROUP FOR HYDRAULIC EFFICIENCY MEASUREMENT (n.d.),

Retrieved from <http://www.ighem.org/>

Pressure (bar gauge)	Temperature (°C)							
	0	5	10	15	20	25	30	35
0	1.018 6	0.995 9	0.975 4	0.957 1	0.941 1	0.926 5	0.912 4	0.899 0
20	1.015 3	0.993 2	0.973 1	0.955 2	0.939 4	0.925 0	0.911 1	0.897 9
40	1.012 1	0.990 5	0.970 8	0.953 2	0.937 7	0.923 5	0.909 8	0.896 7
60	1.008 9	0.987 8	0.968 6	0.951 3	0.936 0	0.922 0	0.908 6	0.895 6
80	1.005 8	0.985 2	0.966 3	0.949 4	0.934 3	0.920 6	0.907 3	0.894 5
100	1.002 7	0.982 6	0.964 1	0.947 4	0.932 7	0.919 1	0.906 0	0.893 4
120	0.999 7	0.980 0	0.961 9	0.945 6	0.931 0	0.917 6	0.904 7	0.892 3
140	0.996 8	0.977 4	0.959 7	0.943 7	0.929 4	0.916 2	0.903 5	0.891 2
160	0.993 8	0.974 9	0.957 6	0.941 8	0.927 7	0.914 7	0.902 2	0.890 1
180	0.990 9	0.972 4	0.955 4	0.940 0	0.926 1	0.913 3	0.900 9	0.889 0
200	0.988 1	0.970 0	0.953 3	0.938 1	0.924 5	0.911 9	0.899 7	0.887 9
220	0.985 3	0.967 6	0.951 2	0.936 3	0.922 9	0.910 5	0.898 5	0.886 8
240	0.982 5	0.965 2	0.949 1	0.934 5	0.921 3	0.909 1	0.897 2	0.885 8
260	0.979 8	0.962 8	0.947 1	0.932 7	0.919 7	0.907 7	0.896 0	0.884 7
280	0.977 2	0.960 5	0.945 1	0.930 9	0.918 2	0.906 3	0.894 8	0.883 7
300	0.974 5	0.958 2	0.943 0	0.929 2	0.916 6	0.904 9	0.893 6	0.882 6

Pressure (bar gauge)	Temperature (°C)							
	40	45	50	55	60	65	70	75
0	0.886 1	0.873 9	0.862 3	0.851 1	0.840 0	0.828 8	0.817 8	0.806 7
20	0.885 2	0.873 1	0.861 7	0.850 6	0.839 5	0.828 5	0.817 6	0.806 7
40	0.884 2	0.872 3	0.861 0	0.850 0	0.839 1	0.828 2	0.817 4	0.806 6
60	0.883 3	0.871 5	0.860 3	0.849 5	0.838 7	0.827 9	0.817 2	0.806 6
80	0.882 3	0.870 7	0.859 7	0.848 9	0.838 3	0.827 6	0.817 1	0.806 5
100	0.881 4	0.869 9	0.859 0	0.848 4	0.837 8	0.827 3	0.816 9	0.806 4
120	0.880 4	0.869 1	0.858 3	0.847 8	0.837 4	0.827 0	0.816 7	0.806 4
140	0.879 5	0.868 3	0.857 6	0.847 3	0.837 0	0.826 7	0.816 5	0.806 3
160	0.878 5	0.867 5	0.857 0	0.846 7	0.836 5	0.826 4	0.816 3	0.806 2
180	0.877 6	0.866 7	0.856 3	0.846 2	0.836 1	0.826 1	0.816 0	0.806 1
200	0.876 7	0.865 9	0.855 6	0.845 6	0.835 7	0.825 7	0.815 8	0.806 0
220	0.875 7	0.865 1	0.855 0	0.845 1	0.835 2	0.825 4	0.815 6	0.805 9
240	0.874 8	0.864 3	0.854 3	0.844 5	0.834 8	0.825 1	0.815 4	0.805 7
260	0.873 9	0.863 5	0.853 6	0.844 0	0.834 3	0.824 7	0.815 1	0.805 6
280	0.873 0	0.862 7	0.853 0	0.843 4	0.833 9	0.824 4	0.814 9	0.805 5
300	0.872 1	0.862 0	0.852 3	0.842 8	0.833 4	0.824 0	0.814 7	0.805 3

Lampiran 26 : Rata-Rata *Flow Rate* per Hari pada FL Februari 2021 (m³/h)

Tanggal	Flow Rate
1	1684.61538
2	1714.61538
3	1696.92308
4	1660.76923
5	1679.23077
6	1668.46154
7	1618.46154
12	1683.07692
13	1704.61538
28	1627.69231

Lampiran 27 : Rata-Rata *Flow Rate* per Hari pada FL Maret 2021 (m³/h)

Tanggal	Flow Rate
2	1683.84615
3	1652.30769
4	1807.69231
5	1613.84615
6	1663.07692
7	1709.23077
8	1744.61538
9	1746.15385
10	1669.23077
11	1810
12	1822.30769
13	1808.46154
14	1826.92308

Lampiran 28 : Rata-Rata *Flow Rate* per Hari pada GEFL Maret 2021 (m³/h)

Tanggal	Flow Rate
19	1775.38462
20	1746.92308
21	0
22	1630
23	1503.07692
24	1655.38462
25	1679.23077
26	0
27	1703.84615
28	1678.46154
29	1644.61538
30	1734.61538
31	1734.61538

Lampiran 29 : Rata-Rata *Pressure* per Hari pada FL Februari 2021

Rata" <i>Pressure</i> Kompresor Per Hari (Bar)							
Tanggal	Hitachi 1	Hitachi 2	Hitachi 3	Hitachi 4	Kaeser 1	Kaeser 2	Kaeser 3
1		5.85				5.975	5.9
2						5.875	5.725
3						5.775	5.65
4		5.991666 7				5.8	5.675
5		6.076923 1			5.1	6	5.833333 3
6							
7		6			5.7	5.85	5.75
12	5.546153 8				6.65	5.85	6.975
13	5.453846 2					5.775	6.95
28	5.675	5.866666 7	6.016666 7	6.016666 7	6.775	5.7	6.875

Lampiran 30 : Rata-Rata *Pressure* per Hari pada FL Maret 2021

Rata" <i>Pressure</i> Kompresor Per Hari (Bar)							
Tanggal	Hitachi 1	Hitachi 2	Hitachi 3	Hitachi 4	Kaeser 1	Kaeser 2	Kaeser 3
2		5.8666667			6.7666667	5.675	6.875
3	5.76	5.9		6	6.8	5.85	6.25
4	5.9846154					5.95	5.775
5	5.8		6.1	6.1		5.95	5.825
6						5.95	5.8
7						5.95	5.825
8						5.9	5.75
9						5.85	5.725
10						5.925	5.725
11						5.975	5.75
12	5.6666667					5.9	5.725
13	5.7					5.875	5.725
14						5.875	5.725

Lampiran 31 : Rata-Rata *Pressure* per Hari pada GEFL Maret 2021

Rata" <i>Pressure</i> Kompresor Per Hari (Bar)							
Tanggal	Hitachi 1	Hitachi 2	Hitachi 3	Hitachi 4	Kaeser 1	Kaeser 2	Kaeser 3
19						5.875	5.6
20	5.925					5.8	5.625
21						5.775	5.6
22						5.8	5.575
23					5.5	5.75	5.55
24						5.675	5.5
25	5.9			5.7		5.675	5.525
26	5.9125					5.9	5.725
27		5.9692308				5.975	5.8
28		5.9769231			5.7333333	6	5.85
29		5.9111111				6	5.8
30				6.0846154		5.975	5.825
31				6.0923077	5.8	6.025	5.8

Lampiran 32 : Data KOG A1 2018

Tanggal	Data KOG					
	Januari	Februari	Maret	April	Mei	Juni
1	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5, EDGFL5S	Colour Changing	IDGFL5, Colour Changing	DGFL5, EDGFL5	DGFL5, EDGFL5S
2	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5	Colour Changing	DGFL5, IDGFL5, Colour Changing	DGFL5, EDGFL5, EDGFL5S	EDGFL5S, Maintenance Day
3	DGFL5, EDGFL5, EDGFL5S, EDGFL6S, Maintenance Day	DGFL5, EDGFL5	Colour Changing	DGFL5, EDGFL5, Colour Changing	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5S, Maintenance Day
4	DGFL6, EDGFL6S, Maintenance Day	DGFL5, EDGFL5	BRFL5, Colour Changing	EDGFL5, EDGFL5S, Colour Changing	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1
5	DGFL6, EDGFL6, EDGFL6S, Maintenance Day	DGFL5	BRFL5, BRFL5DM, Colour Changing	DGFL5, EDGFL5, EDGFL5S, Colour Changing	DGFL5, EDGFL5, EDGFL5S1, Maintenance Day	EDGFL5, EDGFL5S, Maintenance Day
6	DGFL5, EDGFL6, EDGFL6S, Maintenance Day	DGFL5	BRFL5DM, EBRFL5MT, Colour Changing	DGFL5, DGFL5DM, EDGFL5, EDGFL5S, Colour Changing	DGFL5, EDGFL5, EDGFL5S1, Maintenance Day	DGFL5, EDGFL5S, EDGFL6, EDGFL6S, EDGFL6S1, Maintenance Day
7	DGFL5, EDGFL5, EDGFL5S, EDGFL5TS, Maintenance Day	DGFL5, DGFL5MN, EDGFL5S	BRFL5DM, EBRFL5MT, Colour Changing	DGFL3, DGFL5, EDGFL3.2TS, Colour Changing	DGFL4, DGFL5, EDGFL4T, EDGFL4TS, Maintenance Day	DGFL4, EDGFL4, EDGFL6, EDGFL6S, Maintenance Day
8	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1, Maintenance Day	DGFL3, DGFL4, DGFL5, EDGFL4, EDGFL4S, EDGFL4TS, EDGFL5S	BRFL5DM, EBRFL5MT	EDGFL3.2TS, Colour Changing	EDGFL4, EDGFL4S, EDGFL4T, Maintenance Day	DGFL3, DGFL4, EDGFL3.2TS, EDGFL4, EDGFL4TS, Maintenance Day

9	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL3, EDGFL3, EDGFL3S, EDGFL3TS	BRFL5DM, EBRFL5MT	EDGFL3.2, EDGFL3.2S, EDGFL3.2TS, Colour Changing	EDGFL4, EDGFL4T, EDGFL4TS, Maintenance Day	DGFL3, EDGFL3.2TS, Maintenance Day
10	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL3, EDGFL3, EDGFL3S	BRFL5DM, EBRFL5MT	DGFL3, DGFL5, EDGFL3.2S, EDGFL3.2TS, EDGFL5S, Colour Changing	DGFL4, EDGFL4, EDGFL4S, EDGFL4S1, EDGFL4T, Maintenance Day	DGFL3, EDGFL3.2TS, Maintenance Day
11	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL3, DGFL5, EDGFL5S	BRFL5DM, EBRFL5MT	DGFL5, EDGFL5, EDGFL5S, EDGFL6, EDGFL6S1, Colour Changing	DGFL3, EDGFL3.2S, EDGFL4S	DGFL3, EDGFL3, EDGFL3S
12	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5S	BRFL5DM, BRFL8	EDGFL6, EDGFL6S1, Colour Changing	DGFL3, EDGFL3.2S, Maintenance Day	DGFL3
13	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1, Maintenance Day	DGFL5, EDGFL5, EDGFL5S1	BRFL8	DGFL6, EDGFL6, EDGFL6S, EDGFL6S1, Colour Changing	DGFL3	DGFL3, DGFL4, EDGFL4, EDGFL4T, EDGFL4TS
14	DGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S1	ABRFL8H, BRFL6, BRFL8, EBRFL6	DGFL5, EDGFL5S, Colour Changing	DGFL3, EDGFL3, EDGFL3S, Maintenance Day	EDGFL4TS, EDGFL6, EDGFL6S
15	DGFL5, EDGFL5S1	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	BRFL5DM, BRFL6, EBRFL5, EBRFL6, EBRFL6MT	DGFL5, EDGFL5S, Colour Changing	DGFL3, DGFL5, EDGFL3, EDGFL5S, Maintenance Day	DGFL5, EDGFL6, EDGFL6S, EDGFL6S1
16	DGFL3, DGFL5, EDGFL3, EDGFL5, EDGFL5S, EDGFL5S1	DGFL5, EDGFL5S	BRFL5DM	DGFL5, EDGFL5S, Colour Changing	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5

17	DGFL3, EDGFL3, EDGFL3.2S, EDGFL3.2TS, EDGFL3S	DGFL5, EDGFL5, EDGFL5S	BRFL5DM, BRFL6, BRFL6DM, EBRFL6, EBRFL6MT	DGFL5, EDGFL5S, Colour Changing	DGFL5, DGFL5MN, EDGFL5S	DGFL5
18	DGFL3, EDGFL3.2S, EDGFL3.2TS	DGFL5, EDGFL5	BRFL6, BRFL6DM, EBRFL6MT	DGFL5, EDGFL5, EDGFL5S1, Colour Changing	DGFL5, DGFL5MN, EDGFL5S, Maintenance Day	DGFL5, EDGFL5S
19	DGFL3, EDGFL3, EDGFL3.2TS	DGFL5, EDGFL5	BRFL6DM, EBRFL6, EBRFL6MT	DGFL4, DGFL5, EDGFL4TS, Colour Changing	DGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S
20	DGFL3, DGFL4, EDGFL3S, EDGFL4S	DGFL5, EDGFL5S	BRFL6, EBRFL6, EBRFL6MT	EDGFL4, EDGFL4T, EDGFL4TS, Colour Changing	DGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5, EDGFL5S1
21	DGFL4, EDGFL4, EDGFL4S, EDGFL4T, EDGFL4TS	DGFL5, EDGFL5S	ABRFL6H, ABRFL6M, BRFL6, BRFL6DM, EBRFL6, EBRFL6MT	DGFL3, EDGFL3, EDGFL4T, Colour Changing	DGFL5, DGFL5MN, Maintenance Day	DGFL5, DGFL5DM, EDGFL5, EDGFL5S, EDGFL5S1
22	DGFL5, EDGFL4S, EDGFL4T, EDGFL4TS, EDGFL5S	DGFL5	ABRFL5M, ABRFL6M, BRFL5DM, BRFL6DM, EBRFL5	DGFL3, DGFL5, EDGFL5, Colour Changing	DGFL5, DGFL5DM, Maintenance Day	DGFL5, DGFL5DM, EDGFL5, EDGFL5S
23	DGFL5, DGFL5DM, EDGFL5, EDGFL5S, EDGFL5TS	DGFL5, EDGFL5S	ABRFL5M, BRFL5DM, BRFL5STA, EBRFL5	DGFL5, Colour Changing	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5
24	DGFL5, DGFL5DM, EDGFL5, EDGFL5S	DGFL5, DGFL5DM, EDGFL5S	BRFL5, BRFL5DM, EBRFL5MT	DGFL5, EDGFL5S	DGFL5	DGFL5, EDGFL5
25	DGFL5, EDGFL5, EDGFL5S, EDGFL5TS	DGFL5, EDGFL5S	BRFL3, BRFL5, BRFL5DM	DGFL5, Colour Changing	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5
26	DGFL5, EDGFL5, EDGFL5S	DGFL5, Colour Changing	BRFL3, BRFL3DM, BRFL5DM	DGFL5, Colour Changing	DGFL5, EDGFL5	DGFL5, EDGFL5

27	DGFL5, EDGFL5, EDGFL5S1	Colour Changing	BRFL3DM, BRFL5, BRFL5DM	DGFL5, EDGFL5, EDGFL5S, EDGFL5TS, Colour Changing	DGFL5	DGFL5, EDGFL5S
28	DGFL5, EDGFL5	Colour Changing	BRFL3DM, Colour Changing	DGFL5, EDGFL5S, Colour Changing	DGFL5	DGFL5
29	DGFL5, EDGFL5S1		BRFL3DM, BRFL5DM, EBRFL5MT, Colour Changing	DGFL5, Colour Changing	DGFL5	DGFL5, EDGFL5, IDGFL5
30	DGFL5, EDGFL5, EDGFL5S		Colour Changing	DGFL5, Colour Changing	DGFL5	DGFL5, EDGFL5, EDGFL5S1
31	DGFL5, EDGFL5, EDGFL5S		IDGFL5, Colour Changing		DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	

Tanggal	Data KOG					
	Juli	Agustus	September	Oktober	November	Desember
1	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5S, Hot Repair	Hot Repair	DGFL3, DGFL5, EDGFL3.2TS, EDGFL5S, Maintenance Day	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5, EDGFL5S
2	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S	Hot Repair	DGFL3, EDGFL3.2TS, Maintenance Day	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5S
3	EDGFL5, EDGFL5S	DGFL5, EDGFL5, Hot Repair	Hot Repair	DGFL3, EDGFL3.2TS, Maintenance Day	DGFL5, EDGFL5S	DGFL5, EDGFL5S, Maintenance Day
4	EDGFL5, EDGFL5S, EDGFL6S	DGFL5, Hot Repair	Hot Repair	DGFL3, EDGFL3.2S, EDGFL3.2TS, Maintenance Day	DGFL5, EDGFL5S, Maintenance Day	DGFL5, Maintenance Day
5	EDGFL6, EDGFL6S	DGFL5, Hot Repair	Hot Repair	DGFL3, EDGFL3, EDGFL3.2TS, EDGFL3S, Maintenance Day	DGFL5, EDGFL5S, Maintenance Day	DGFL5, Maintenance Day
6	EDGFL6, EDGFL6S, EDGFL6S1	DGFL5	Hot Repair	DGFL3, DGFL4, EDGFL3, EDGFL3S, EDGFL4S	DGFL5, EDGFL5S	DGFL5, Maintenance Day
7	DGFL5, EDGFL4S, EDGFL4TS, EDGFL5, Maintenance Day	DGFL5	Hot Repair	DGFL4, EDGFL4, EDGFL4S	DGFL5	DGFL5, EDGFL5, EDGFL5S1, Maintenance Day
8	EDGFL4S, EDGFL4TS	DGFL5, EDGFL5S	Hot Repair	DGFL4, EDGFL4, EDGFL4T, EDGFL4TS	DGFL5	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1, Maintenance Day
9	DGFL4, EDGFL4, EDGFL4TS	DGFL5, EDGFL5S	Hot Repair	DGFL4, EDGFL4T, EDGFL4TS, EDGFL6, EDGFL6S	DGFL5, EDGFL5	DGFL5, EDGFL5S, Maintenance Day
10	DGFL3, DGFL4, EDGFL3.2S, EDGFL4, EDGFL4S	DGFL5, EDGFL5, EDGFL5S	Hot Repair	EDGFL6, EDGFL6S, EDGFL6S1	DGFL5	DGFL5, EDGFL5, EDGFL5S
11	DGFL3, EDGFL3.2S, EDGFL3.2TS	DGFL5, EDGFL5, EDGFL5S	DGFL5, DGFL5MN, Hot Repair	EDGFL6, EDGFL6S, EDGFL6S1	DGFL5	DGFL5, EDGFL5, EDGFL5S

12	DGFL3, EDGFL3, EDGFL3.2TS, EDGFL3S	DGFL5, EDGFL5S	DGFL5, DGFL5MN	DGFL5, EDGFL5S, EDGFL6S	DGFL3, DGFL5, EDGFL3.2TS	DGFL3, DGFL5, EDGFL3.2TS
13	DGFL3, DGFL5, EDGFL5	DGFL4, DGFL5, EDGFL4TS, EDGFL5S	DGFL5	DGFL5, EDGFL5, EDGFL5S	DGFL3, EDGFL3.2S, EDGFL3.2TS, Maintenance Day	DGFL3, EDGFL3.2TS
14	DGFL5, EDGFL5, EDGFL5S	DGFL3, DGFL4, EDGFL4, EDGFL4S, EDGFL4TS	DGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S, EDGFL5TS	DGFL3, EDGFL3, EDGFL3.2S, EDGFL3.2TS, EDGFL3S, Maintenance Day	DGFL3, EDGFL3, EDGFL3S
15	DGFL5, EDGFL5S	DGFL3, EDGFL3.2TS	DGFL5, EDGFL5S, EDGFL5TS	DGFL5, EDGFL5S, EDGFL5TS	DGFL3, Maintenance Day	DGFL3
16	DGFL5, EDGFL5S1, Maintenance Day	DGFL3, EDGFL3, EDGFL3.2TS	DGFL5, EDGFL5, EDGFL5S1	DGFL5, EDGFL5S	DGFL3, Maintenance Day	DGFL3
17	DGFL5	DGFL3, EDGFL3	DGFL5, EDGFL5S, EDGFL5S1	DGFL5, DGFL5DM, EDGFL5S	DGFL3, DGFL5, EDGFL5, EDGFL5S1, Maintenance Day	DGFL3, DGFL5, EDGFL3TS
18	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	DGFL3, DGFL5, EDGFL5S	DGFL5, EDGFL5S	DGFL5	DGFL5, EDGFL5, EDGFL5S1, Maintenance Day	DGFL5
19	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5S	DGFL5, EDGFL5S	DGFL3, DGFL5, EDGFL3S	DGFL4, DGFL5, EDGFL4TS, Maintenance Day	DGFL5, EDGFL5, EDGFL5TS
20	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5	DGFL5, EDGFL5, EDGFL5S	DGFL3, DGFL5, Maintenance Day	EDGFL4S, EDGFL4T, EDGFL4TS, Maintenance Day	DGFL5, EDGFL5, EDGFL5S, EDGFL5TS
21	EDGFL5	DGFL5, DGFL5DM, DGFL6, EDGFL5, EDGFL6, EDGFL6S, EDGFL6S1	DGFL5, EDGFL5S, EDGFL5S1	DGFL5, Maintenance Day	DGFL4, EDGFL4, EDGFL4S, EDGFL4S1, EDGFL4T, EDGFL4TS	DGFL5, EDGFL5S

22	DGFL5, EDGFL5	DGFL5, DGFL5DM, EDGFL5	DGFL5	DGFL3, DGFL5, EDGFL3S, Maintenance Day	DGFL4, EDGFL4S, EDGFL6, EDGFL6S	DGFL5, EDGFL5, EDGFL5S
23	DGFL5, EDGFL5	DGFL5, EDGFL5	DGFL5	DGFL3, EDGFL3S, Maintenance Day	DGFL5, DGFL6, EDGFL5S, EDGFL6, EDGFL6S	DGFL5, EDGFL5S, EDGFL5TS
24	DGFL5, EDGFL5	DGFL5, EDGFL5, EDGFL5S1	DGFL5	DGFL3, EDGFL3TS, Maintenance Day	DGFL5, EDGFL5S, EDGFL5S1	DGFL5, EDGFL5, EDGFL5TS
25	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S1	DGFL5	DGFL3, EDGFL3TS, Maintenance Day	DGFL5, Maintenance Day	DGFL5, EDGFL5
26	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5	DGFL3, DGFL5, Maintenance Day	DGFL5, EDGFL5S	DGFL5
27	DGFL5	DGFL5	DGFL5	DGFL5, EDGFL5, EDGFL5MRK1, Maintenance Day	DGFL5	DGFL5
28	DGFL5, EDGFL5S	DGFL5, Hot Repair	DGFL5, DGFL5DM	DGFL5, EDGFL5, EDGFL5MRK1, Maintenance Day	DGFL5	DGFL5, Maintenance Day
29	DGFL5, EDGFL5MRK1	Hot Repair	DGFL5, DGFL5DM, EDGFL5S	DGFL5	DGFL5, EDGFL5S	DGFL5, Maintenance Day
30	DGFL3, DGFL5	Hot Repair	DGFL5, EDGFL5S	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5, EDGFL5S	DGFL5, Maintenance Day
31	DGFL3, DGFL5, EDGFL5S	Hot Repair		DGFL5, EDGFL5		DGFL5, Maintenance Day

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Tanggal	Data KOG					
	Januari	Februari	Maret	April	Mei	Juni
1	FL5	FL5	EPNGFL3.2, FL3, PNGFL3.2	FL4, Colour Changing	ELNFL3.2T, ELNFL3.5T, Colour Changing	EDHFL8, ESSDHF8, SSDHF8
2	FL5, Maintenance Day	FL5	EPNGFL3.2, ESNFL3, FL3, PNGFL3.2, SNFL3, Maintenance Day	FL3, FL4, Colour Changing	ELNFL3.2T, Colour Changing	EDHFL5, EDHFL8, ESSDHF5, ESSDHF8, SSDHF8, Colour Changing
3	FL5	FL5	ESNFL3, FL3, FL5, Maintenance Day	FL3, Colour Changing	ELNFL3.2T, Colour Changing	ESSDHF5
4	FL5	FL4, FL5	FL5, Maintenance Day	FL3, Colour Changing	ELNFL3.2T, Colour Changing	CDH6, ECDH6, EDHFL5, EDHFL5 MRK1, EDHFL6, ESSDHF5, Colour Changing
5	FL5	FL4, Maintenance Day	FL5, Maintenance Day	FL3, FL5, Colour Changing	Colour Changing	CDH6, ECDH6, EDHFL6, Colour Changing
6	FL5	EPNGFL4, FL4, Maintenance Day	ESNFL8, FL10, FL5, FL8, Maintenance Day	FL5	CGN5, ECGN5, GNFL5, Colour Changing	ECDH6, EDHFL6, Colour Changing
7	FL5	EPNGFL4, FL4	EPNGFL10, FL10	FL5	ECGN5, GNFL5, GNFL8, Colour Changing	ECDH6, EDHFL6, Colour Changing
8	FL5	EPNGFL4, FL4	FL10, FL8, SNFL10	FL5	IBNFL3, Colour Changing	ECDH6, EDHFL6, Colour Changing
9	FL-5, FL5	EPNGFL4, FL4, PNGFL4	ESNFL6, FL5, FL6, FL8, FL8GP, Maintenance Day	FL5, Colour Changing	BNFL8, EBNFL5, EBNFL8, IBNFL3, Colour Changing	DHFL8, ECDH6, ECDH8, EDHFL6, EDHFL8,

						Colour Changing
10	FL5	EPNGFL4, EPNGFL4MRK1, FL4, PNGFL4	ESNFL6, FL6, Maintenance Day	Colour Changing	BNFL8, EBNFL8, SSBNF8, Colour Changing	CDH8, DHFL8, ECDH8, EDHFL8, Colour Changing
11	FL5	EPNGFL4, EPNGFL5, FL4, FL5, PNGFL4	ESNFL6, FL6, SNFL6, Maintenance Day	EGNFL5, GNFL5, GNFL5S TA, Colour Changing	BNFL8, EBNFL5, EBNFL6, EBNFL8, ESNBN6, Colour Changing	CDH8, ECDH8, EDHFL10, EDHFL6, EDHFL6MRK1, EDHFL8, Colour Changing
12	FL5	EPNGFL5, EPNGFL5MRK1, FL5, PNGFL5	ESNFL6, FL5, FL6, SNFL6, Maintenance Day	EGNFL5, EGNFL6, GNFL5, GNFL5S TA, GNFL6, GNFL6S TA., Colour Changing	BNFL6, EBNFL6, ESNBN6, SNBN6, Colour Changing	DHFL6S TA, EDHFL6MRK1, EDHFL6ST
13	FL5, Maintenance Day	FL5	FL3, FL5, Maintenance Day	EGNFL6, ESNGN6, GNFL6, SNGN6, Colour Changing	BNFL6, EBNFL5, EBNFL6, IBNFL3, Colour Changing	DHFL6S TA, EDHFL6ST
14	FL5, Maintenance Day	FL5, Maintenance Day	EPNGFL5MRK1, FL3, FL5, Maintenance Day	EGNFL6, ESNGN6, ESNGN8, GNFL6, GNFL8, SNGN8, Colour Changing	DHNFL5, DHNFL5I, Colour Changing	DHFL6S TA, EDHFL6MRK1, EDHFL6ST
15	FL5, Maintenance Day	FL5	EPNGFL5MRK1, FL5	ESNGN8, GNFL8, SNGN8, Colour Changing	DHNFL5, DHNFL5I, Colour Changing	EDHFL6ST, Colour Changing
16	FL4, FL5, Maintenance Day	FL5	EPNGFL5MRK1, FL5	ESNGN8, GNFL6, GNFL8, SNGN8, Colour Changing	DHNFL5, DHNFL5STA, Colour Changing	DHFL6S TA, EDHFL6MRK1, EDHFL6ST,

						Colour Changing
17	FL4	FL5, Maintenance Day	EPNGFL5 MRK1, EPNGFL6 MRK1, FL5, FL6, Maintenance Day	GNFL6, SNSGN6, Colour Changing	DHNFL5, DHNFL5STA	EDHFL6 MRK1
18	FL4, FL4MTB, FL6, Maintenance Day	FL5	EPNGFL6 MRK1, ESNCF6, FL6, Maintenance Day	EGNFL5, ESSGNF5, GNFL5, GNFL6, SNSGN6, SSGNF5, Colour Changing	DHNFL5, DHNFL5STA, Colour Changing	DHFL8, DHFL8STA, EDHFL6 MRK1, EDHFL8ST, Colour Changing
19	FL10, FL6, FL8, Maintenance Day	EPNGFL6, FL5, FL6, Maintenance Day	ESNCF6, FL6, SNCFL6	ESSGNF5, ESSGNF8, GNFL5, GNFL8, SSGNF5, Colour Changing	DHNFL5, DHNFL5STA, Colour Changing	DHFL8STA, EDHFL8ST, Colour Changing
20	EFL10S1, FL10, FL12, Maintenance Day	EPNGFL6, EPNGFL6MRK1, FL6, PNGFL6, Maintenance Day	ESNCF6, FL6, SNCFL6, Maintenance Day	ESSGNF8, GNFL8, SSGNF8	DHNFL5, DHNFL5STA, Colour Changing	DHFL8, DHFL8STA, EDHFL8, Colour Changing
21	FL12	EPNGFL6, ESNFL6, FL6, PNGFL6, Maintenance Day	FL5, FL6, Maintenance Day	GNFL8, GNFL8STA., SSGNF8	DHNFL5, DHNFL5I, DHNFL5STA, Colour Changing	DHFL8, DHFL8STA, EDHFL6, EDHFL6MRK1, EDHFL8, Colour Changing
22	FL12, FL5, FL8, FL8S1	ESNFL5, ESNFL6, FL5, FL6	ESNFL8, FL5, FL8, SNFL8	CGN8, ECGN8, GNFL8, GNFL8STA., Colour Changing	DHNFL5, DHNFL5I, DHNFL5STA, Colour Changing	DHFL6, EDHFL6, EDHFL6MRK1, Colour Changing

23	FL5	ESNFL5, FL5, SNFL5	ESNFL8, FL8, SNFL8	CGN6, CGN8, ECGN8, GNFL6, GNFL8	DHNFL5, DHNFL5I, Colour Changing	DHFL6, EDHFL6
24	FL5	ESNFL5, FL5, SNFL5	ESNFL8, FL8GP, SNFL8	CGN6, ECGN5, GNFL5, GNFL6	DHNFL5I, IDHFL3, Colour Changing	EDHFL5, EDHFL5 MRK1, EDHFL6, Colour Changing
25	FL5	ESNFL5, FL5, SNFL5	FL8GP, SNCFL8	ECGN5, GNFL5, GNFL8	IDHFL3, Colour Changing	EDHFL5 MRK1, Colour Changing
26	FL5	ESNFL5, ESNFL6, FL5, FL6, SNFL5	ESNCFL5, ESNCFL6, FL5, FL6, FL8GP, SNCFL8	GNFL8, Colour Changing	DHFL6, EDHFL5MR K1, EDHFL6MR K1, Colour Changing	EDHFL5, EDHFL5 MRK1, IDHFL3, IGEFL3, Colour Changing
27	FL5	FL5	ESNCFL5, FL5, FL8, FL8GP, SNCFL5	ELNFL3. 2T, ILNFL3, Colour Changing	EDHFL5MR K1, EDHFL6, ESSDHF6	IGEFL3, Colour Changing
28	FL5	EPNGFL 3.2, EPNGFL 4, FL3, FL4, FL5	FL10, FL10GP, FL8, FL8GP	ELNFL3. 2T, ELNFL3. 5TS1, Colour Changing	EDHFL6, ESSDHF6, SSDHF6	GEFL6, IGEFL3, Colour Changing
29	FL3, FL5		FL10, FL10GP, FL8	ELNFL3. 2T, ELNFL3. 5TS1, Colour Changing	EDHFL6, ESSDHF6, SSDHF6	EGEFL4, EGEFL6, Colour Changing
30	FL3		FL5, FL8, FL8GP	ELNFL3. 2T, Colour Changing	DHFL8, EDHFL6, EDHFL6MR K1, EDHFL8, SNSDH8	EGEFL4, EGEFL5, GEFL4D M, Colour Changing
31	FL3, FL5		FL4, FL5		DHFL8, EDHFL8, ESNSDH8, SNSDH8, SSDHF8, Colour Changing	

Tanggal	Data KOG					
	Juli	Agustus	September	Oktober	November	Desember
1	EGEFL5, GEFL5, Colour Changing	ESNFL6 , FL6	ELNFL2.8T, ELNFL3T, LNFL3.2TN G, Colour Changing	EPNGFL 4, FL4, FL5, Colour Changing	DHFL6, ECDH6, EDHFL6, Colour Changing	EGEFL8, GEFL8, SSGEF8, Colour Changing
2	EGEFL5, GEFL5, Colour Changing	ESNFL6 , FL6, SNFL6	ELNFL3.2T, ELNFL3.2T H, LNFL3.2TN G, Colour Changing	EPNGFL 4, EPNGFL 4MRK1, FL4, PNGFL4, PNGFL4. , Colour Changing	DHFL6, ECDH6, Colour Changing	EGEFL8, GEFL8, SSGEF8, Colour Changing
3	EAGEFL3.2 T, EGEFL5, GEFL5, GEFL5DM, IGEFL3, Colour Changing	ESNFL6 , FL6, SNFL6	ELNFL3.2T, LNFL3.2TN G, LNFL3.5TN GS1, Colour Changing	EPNGFL 4, EPNGFL 4MRK1, ESNFL8, FL4, FL6, FL8, FL8GP, PNGFL4, PNGFL4. , SNFL8, Colour Changing	ECDH6, Colour Changing	EGEFL6, EGEFL8, GEFL6, SSGEF8, Colour Changing
4	EGEFL6, Colour Changing	ESNFL6 , FL6, FL8, FL8GP, SNFL6	ELNFL3.2T, ELNFL3.2T H, LNFL3.2TN G, LNFL3.5TN GS1, Colour Changing	ESNFL8, FL8, FL8GP, SNFL8	CDH8, DHFL6, DHFL8, ECDH6, Colour Changing	EGEFL6, EGEFL8, GEFL6, GEFL8, Colour Changing
5	AGEFL6H, AGEFL8H, EGEFL6, EGEFL8, GEFL6, GEFL6DM	FL8, FL8GP, SNFL8	ELNFL3.2T, LNFL3.2TN G	ESNFL8, FL10, FL10GP, FL8, FL8GP, SNFL8, Colour Changing	CDH6, CDH8, DHFL6, DHFL8, Colour Changing	EGEFL8, ESNSGE8 , GEFL8, SNSGE8, Colour Changing
6	AGEFL8H, EGEFL10, EGEFL8	FL5, FL8GP, SNFL8	ELNFL3.2T, LNFL3.2TN G, Colour Changing	ESNFL1 0, FL10, FL10GP, SNFL10, Colour Changing	IGEFL3, IGEFL3., Colour Changing	EGEFL8, ESNSGE8 , GEFL8, SNSGE8, Colour Changing
7	EGEFL10, EGEFL6, GEFL6	EPNGF L5, FL5	ELNFL4T, LNFL3.2TN G, Colour Changing	ESNFL1 0, FL10, SNFL10, Colour Changing	EGEFL5, GEFL5, GEFL5DM, Colour Changing	EGEFL5, GEFL5DM , GEFL8, Colour Changing

8	AGEFL5, AGEFL5M, EGEFL5, EGEFL6, GEFL5, GEFL6, Colour Changing	EPNGF L5, EPNGF L5MRK 1, FL5, FL5LT, PNGFL 5, Colour Changin g	ELNFL4T, LNFL4TNG, Colour Changing	ESNFL1 0, FL10, FL6, FL8, FL8GP, SNFL10, Colour Changing	EGEFL5, GEFL5, GEFL5DM, Colour Changing	EGEFL5, GEFL5, GEFL5DM , Colour Changing
9	AGEFL5M, EGEFL5, GEFL5, GEFL5DM, Colour Changing	EPNGF L5, EPNGF L5MRK 1, FL5, FL5LT	ILNFL3, Colour Changing	ESNCFL 6, FL6, Colour Changing	AGEFL5, AGEFL5M, EGEFL5, Colour Changing	EGEFL5, GEFL5DM , Colour Changing
10	EGEFL5, EGEFL6, EGEFL6MT , ESNGE6, GEFL6, GEFL6DM, Colour Changing	EPNGF L5, EPNGF L5MRK 1, EPNGF L6, FL5, FL6, Colour Changin g	ILNFL3, Colour Changing	ESNCFL 6, FL6	AGEFL5, EGEFL5, GEFL5DM, Colour Changing	ECGE4, EGEFL4, EGEFL5, GEFL5DM , Colour Changing
11	EGEFL6, ESNGE6, GEFL6	EPNGF L6, EPNGF L6MRK 1, FL6	FL5I, ILNFL3, Colour Changing	ESNCFL 6, ESNFL4, FL4, FL6, Colour Changing	AGEFL4T, EGEFL4, EGEFL5, GEFL4DM, GEFL5DM, Colour Changing	ECGE3.2, ECGE4, EGEFL5, GEFL5DM , IGEFL3, Colour Changing
12	EGEFL6, EGEFL8, ESNGE6, ESNGE8, GEFL6, SNGE6, SNGE8	EPNGF L6, EPNGF L6MRK 1, FL6, Colour Changin g	FL5, FL5I, Colour Changing	ESNFL4, ESNFL6, FL4, FL6, Colour Changing	EGEFL4, EGEFL6, EGEFL8, Colour Changing	Colour Changing
13	EGEFL8, ESNGE8, GEFL8, SNGE8	EPNGF L6, EPNGF L6MRK 1, ESNCF L6, FL6, PNGFL 6	FL5, Colour Changing	ESNFL6, FL6, SNFL6., Colour Changing	AGEFL8H, EGEFL8, GEFL8, Colour Changing	Colour Changing
14	EGEFL8, ESNSGE8, GEFL8, SNSGE8	ESNCF L6, FL6	FL5, Colour Changing	ESNFL6, FL6, SNFL6.	EGEFL10, GEFL8, Colour Changing	IGNFL3, Colour Changing

15	EGEFL8, ESSGEF8, GEFL8, SNSGE8, SSGEF8, Colour Changing	ESNCF L6, FL5, FL5I, FL6, SNCFL6 , Colour Changin g	FL5, FL5LT	ESNFL6, ESSFLF 6, FL5, FL5MTB- SDA, FL6, Colour Changing	EGEFL10, Colour Changing	IGNFL3, Colour Changing
16	EGEFL8, ESSGEF8, GEFL8, SSGEF8	Colour Changin g	FL5	FL5, FL5I, FL5MTB- SDA, Colour Changing	EGEFL10, EGEFL12, EGEFL8, GEFL12, GEFL8, Colour Changing	IGNFL3, Colour Changing
17	EGEFL6, EGEFL8, GEFL8, Colour Changing	ILNFL3, Colour Changin g	FL5, FL6	IDHFL3, Colour Changing	EGEFL5, EGEFL8, GEFL5DM, GEFL8, Colour Changing	IGNFL3, Colour Changing
18	EGEFL6, ESSGEF6, GEFL6, GEFL6DM, SSGEF6	ILNFL3, Colour Changin g	FL3, FL5, FL6	EDHFL5, IDHFL3, Colour Changing	EGEFL5, EGEFL6, GEFL5DM, GEFL6DM, Colour Changing	IGNFL3, Colour Changing
19	EGEFL5, EGEFL6, GEFL5DM, GEFL6, GEFL6DM	ELNFL3 .2T, ILNFL3, Colour Changin g	FL5, FL5MTB- SDA	EDHFL5, EDHFL6, EDHFL6 ST, Colour Changing	EGEFL6, GEFL6, GEFL6DM	EGNFL6, IGNFL3, Colour Changing
20	EGEFL5, GEFL5DM, Colour Changing	ELNFL3 .2T	FL5, FL5MTB- SDA	EDHFL6, EDHFL6 ST	EGEFL6, GEFL6, Colour Changing	EGNFL6, EGNFL8, ESNGN6, GNFL6, Colour Changing
21	EGEFL5, GEFL5, Colour Changing	ELNFL3 .2T	FL5, FL5MTB- SDA	DHFL8, DHFL8S TA, EDHFL6, EDHFL6 ST, EDHFL8, EDHFL8 ST, Colour Changing	AGEFL6H, AGEFL6M, EGEFL6, GEFL6DM	EGNFL6, ESNGN6, GNFL6, Colour Changing
22	Colour Changing	ELNFL3 .2T	FL5	DHFL12, DHFL8, DHFL8S TA, EDHFL8, EDHFL8 ST,	AGEFL6H, AGEFL6M, EGEFL5, EGEFL6	EGNFL6, ESNGN6, GNFL6, SNGN6, Colour Changing

				Colour Changing		
23	Colour Changing	ELNFL3 .2T, ELNFL3 .2TH	EPNGFL5M RK1, FL5	DHFL12, DHFL8, EDHFL1 2, EDHFL1 2ST	EGEFL5, Colour Changing	EGNFL6, ESNGN6, ESSGNF6 , GNFL6, SNGN6, SSGNF6, Colour Changing
24	Colour Changing	ELNFL3 .2T, ELNFL3 .2TH, LNFL3.2 TNG	EPNGFL5M RK1, FL5	DHFL8, ESSDHF 8, SSDHF8	EGEFL5, EGEFL6	EGNFL5, EGNFL6, ESSGNF5 , ESSGNF6 , GNFL5, SSGNF5, SSGNF6, Colour Changing
25	Colour Changing	ELNFL3 .2T, ELNFL3 .2TH, LNFL3.2 TNG	EPNGFL5M RK1, FL5	DHFL8, ESSDHF 8, SSDHF8	EGEFL6	EGNFL5, EGNFL8, ESSGNF5 , ESSGNF8 , GNFL8, SSGNF5, SSGNF8, Colour Changing
26	Colour Changing	ELNFL3 .2T, ELNFL3 .2TH	EPNGFL6, EPNGFL6M RK1, FL5, FL6	DHFL8, EDHFL5, EDHFL5 MRK1, EDHFL6, ESSDHF 5, SSDHF6, SSDHF8, Colour Changing	EGEFL4, EGEFL5, EGEFL6, EPNGGE5, GEFL6, Colour Changing	EGNFL8, ESSGNF8 , SSGNF8, Colour Changing
27	FL5I, Colour Changing	ELNFL3 .2T, ELNFL3 .2TH	EPNGFL6, EPNGFL6M RK1, FL6	EDHFL6, EDHFL6 ST, SSDHF6	EGEFL4, EGEFL6, EPNGGE4, EPNGGE6, ESNGE6, GEFL6, Colour Changing	EGNFL8, GNFL8, SSGNF8, Colour Changing

28	FL5I, Colour Changing	ELNFL3 .2T, ELNFL3 .2TH	EPNGFL6, EPNGFL6M RK1, FL6	EDHFL5, EDHFL5 MRK1, EDHFL6, EDHFL6 ST	EGEFL6, EGEFL8, ESNGE6, Colour Changing	EGNFL8, GNFL8, SNSGN8, Colour Changing
29	FL5, FL5I, Colour Changing	ELNFL2 .8T, ELNFL3 .2T, ELNFL3 .2TH, ELNFL3 T	EPNGFL6, EPNGFL6M RK1, FL6, PNGFL6	EDHFL5, EDHFL5 MRK1, Colour Changing	EGEFL8, GEFL8, SSGEF8, Colour Changing	EGNFL8, GNFL8, SNSGN8, Colour Changing
30	FL5	ELNFL2 .8T, ELNFL3 T	EPNGFL6, EPNGFL6M RK1, FL5, FL6, PNGFL6	ECDH5, EDHFL5, Colour Changing	EGEFL8, SSGEF8, Colour Changing	EGNFL8, GNFL8, SNGN8, Colour Changing
31	ESNFL6, FL5, FL6	ELNFL2 .8T, ELNFL3 T		ECDH5, ECDH6, EDHFL5, EDHFL6		EGNFL8, ESNGN8, GNFL8, SNGN8, Colour Changing

Lampiran 34 : Data KOG A1 2019

Tanggal	Data KOG					
	Januari	Februari	Maret	April	Mei	Juni
1	DGFL5, Maintenance Day	DGFL5, EDGFL5S	DGFL5, EDGFL5S	BRFL5DM , BRFL6, BRFL6DM , EBRFL5M T, EBRFL6M T	DGFL5, EDGFL5S1	DGFL5, EDGFL5, EDGFL5S
2	DGFL5, EDGFL5S, EDGFL5S1, Maintenance Day	DGFL5, EDGFL5S	DGFL5, EDGFL5S	ABRFL6H, BRFL6DM , BRFL6STA , EBRFL6M T	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5S
3	DGFL5, EDGFL5S	DGFL5, EDGFL5	DGFL5, EDGFL5	ABRFL6H, ABRFL6M , BRFL6, BRFL6DM , BRFL6STA , EBRFL6M T	DGFL3, DGFL5, EDGFL3.2S, EDGFL3.2TS	DGFL5, EDGFL5S
4	DGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S	BRFL6DM , EBRFL6M T	DGFL3, EDGFL3.2S, EDGFL3.2TS	EDGFL5S
5	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5S	DGFL5, EDGFL5S	ABRFL8H, BRFL6DM , BRFL8, EBRFL6M T	DGFL3, EDGFL3.2TS , EDGFL3S, EDGFL3TS	DGFL5, EDGFL5S
6	DGFL5	DGFL5, EDGFL5S	DGFL5, EDGFL5S	ABRFL8H, BRFL5DM , BRFL6DM , BRFL8, EBRFL5M T, EBRFL6M T	DGFL3, DGFL5, EDGFL3.2TS	DGFL5, EDGFL5S

7	DGFL4, DGFL5, EDGFL4, EDGFL4TS	DGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5S, Maintenance Day	BRFL5DM , EBRFL5M T	DGFL5, EDGFL5S	DGFL5, EDGFL5S, Maintenance Day
8	DGFL4, EDGFL4TS	DGFL5, EDGFL5S, EDGFL5S1	DGFL5, EDGFL5S, EDGFL5S1	BRFL5DM , EBRFL5M T	DGFL5, EDGFL5, EDGFL5S	DGFL5, Maintenance Day
9	DGFL4, EDGFL4T, EDGFL4TS, Maintenance Day	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	ABRFL5, BRFL5DM , BRFL5STA	DGFL4, DGFL5, EDGFL4, EDGFL4S, EDGFL4S1, EDGFL5S	DGFL5, Maintenance Day
10	DGFL4, EDGFL4T, EDGFL4TS	DGFL5	DGFL5	ABRFL5, BRFL5DM , EBRFL5M T, Colour Changing	DGFL4, EDGFL4, EDGFL4S, EDGFL4T, EDGFL4TS	DGFL5, Maintenance Day
11	DGFL4, EDGFL4, EDGFL4S, EDGFL4T, EDGFL4TS	DGFL3, DGFL5, EDGFL3S	DGFL3, DGFL5, EDGFL3S	ABRFL5M , BRFL5DM , EBRFL5M T	DGFL4, DGFL5, EDGFL4S, EDGFL4T, EDGFL4TS, EDGFL5	DGFL5, Maintenance Day
12	DGFL4, EDGFL4, EDGFL4S, EDGFL4S1, EDGFL4TS	DGFL3, EDGFL3.2S, EDGFL3.2TS , EDGFL3S	DGFL3, EDGFL3.2S, EDGFL3.2TS , EDGFL3S	BRFL5DM , EBRFL5M T	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL4, DGFL5, EDGFL4, EDGFL5S, Maintenance Day
13	DGFL4, DGFL6, EDGFL6, EDGFL6S, EDGFL6S1	DGFL3, EDGFL3, EDGFL3.2TS	DGFL3, EDGFL3, EDGFL3.2TS	BRFL5DM , IBRFL3, Colour Changing	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	DGFL4, EDGFL4, EDGFL4T

14	EDGFL6S, Maintenance Day	DGFL3, EDGFL3, Maintenance Day	DGFL3, EDGFL3, Maintenance Day	Colour Changing	DGFL5, EDGFL5, EDGFL5S1, EDGFL5TS	DGFL4, EDGFL4T, EDGFL4TS, Maintenance Day
15	DGFL6, EDGFL6, EDGFL6S, EDGFL6S1	DGFL3, DGFL5	DGFL3, DGFL5	Colour Changing	EDGFL5, EDGFL5S, Maintenance Day	DGFL4, EDGFL4, EDGFL4TS, Maintenance Day
16	DGFL5, DGFL6, EDGFL6, EDGFL6S	DGFL5, EDGFL5S	DGFL5, EDGFL5S	DGFL5, Colour Changing	EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL4, EDGFL4TS, EDGFL5, EDGFL5S
17	DGFL5	DGFL5	DGFL5	DGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	EDGFL5, EDGFL5S
18	DGFL5, EDGFL5, EDGFL5S1	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S, Maintenance Day	DGFL5, EDGFL5, EDGFL5S
19	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	DGFL5, DGFL5DM, EDGFL5, EDGFL5S	DGFL5, DGFL5DM, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL5S	DGFL5, Maintenance Day	DGFL5, EDGFL5S
20	DGFL5, EDGFL5, EDGFL5S, EDGFL5S1	DGFL5, DGFL5DM, EDGFL5, Maintenance Day	DGFL5, DGFL5DM, EDGFL5, Maintenance Day	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5S	DGFL5, EDGFL5S
21	DGFL5	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5, Maintenance Day	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5S	DGFL3, DGFL5, EDGFL3.2TS , EDGFL5S
22	DGFL3, DGFL5, EDGFL3.2TS , EDGFL3S	DGFL5, EDGFL5, EDGFL5S1	DGFL5, EDGFL5, EDGFL5S1	DGFL5, EDGFL6, EDGFL6S	EDGFL5, EDGFL5S	DGFL3, EDGFL3.2TS

23	DGFL3, EDGFL3.2TS , EDGFL3S	DGFL5, EDGFL5, EDGFL5S1	DGFL5, EDGFL5, EDGFL5S1	DGFL6, EDGFL6, EDGFL6S, EDGFL6S1	DGFL5, EDGFL5, EDGFL5S	DGFL3, EDGFL3.2TS
24	DGFL3, DGFL5, EDGFL3.2S, EDGFL3.2TS , EDGFL3S	DGFL5, EDGFL5	DGFL5, EDGFL5	DGFL5, DGFL6, EDGFL5, EDGFL5S, EDGFL6S, IDGFL5	DGFL5, DGFL5DM	DGFL3, EDGFL3.2TS
25	DGFL5, EDGFL5S	DGFL5	DGFL5	DGFL3, DGFL5, EDGFL5S	DGFL5, EDGFL5S	DGFL3, DGFL6, EDGFL6
26	DGFL5, EDGFL5S	DGFL5	DGFL5	DGFL3, EDGFL3S	DGFL5, EDGFL5, EDGFL5S	DGFL5, EDGFL5, EDGFL6
27	DGFL5, EDGFL5S, Maintenanc e Day	DGFL5	DGFL5	DGFL3, DGFL5, EDGFL5S	DGFL3, DGFL5, EDGFL3.2TS , EDGFL5	DGFL5, EDGFL5
28	DGFL5, Maintenanc e Day	DGFL5, DGFL5DM	DGFL5, DGFL5DM	DGFL5, EDGFL5S	DGFL3, EDGFL3.2TS	DGFL5, EDGFL5, EDGFL5S
29	DGFL5, Maintenanc e Day			DGFL5, EDGFL5S	DGFL3, DGFL5	DGFL5, EDGFL5, EDGFL5S
30	DGFL5, Maintenanc e Day			DGFL5, EDGFL5S	DGFL5, EDGFL5	DGFL5, EDGFL5, EDGFL5S
31	DGFL5, Maintenanc e Day				DGFL5, EDGFL5, EDGFL5S	

Lampiran 35 : Data KOG A2 2019

Tanggal	Data KOG					
	Januari	Februari	Maret	April	Mei	Juni
1	EGNFL6, EGNFL8, ESNGN8, GNFL6, GNFL6STA, SNGN8	FL3, FL3.2, FL3GLS, FL4, Maintenance Day	FL3, FL3.2, FL3GLS, FL4, Maintenance Day	EPNGFL6, EPNGFL6 MRK1, ESNCFL6, FL6, FL6GL, PNGFL6	IDHFL3, Colour Changing	EGEFL6, GEFL6, Colour Changing
2	EGNFL5, EGNFL6, GNFL5, GNFL5STA, GNFL6STA	EFL4S1, EPNGFL4, FL4, Maintenance Day	EFL4S1, EPNGFL4, FL4, Maintenance Day	ESNCFL6, FL6, FL6GL	EDHFL6, IDHFL3, Colour Changing	EGEFL6, GEFL6DM
3	EGNFL5, EGNFL8, GNFL5STA, GNFL8, GNFL8STA	EPNGFL4, EPNGFL5, FL4, FL5, FL5GL, Maintenance Day	EPNGFL4, EPNGFL5, FL4, FL5, FL5GL, Maintenance Day	ESNCFL6, FL6GL, FL8, SNCFL8	DHFL6STA, EDHFL6	EGEFL4, EGEFL6, GEFL4DM, GEFL6DM
4	GNFL12, GNFL8STA	EPNGFL5, FL5, FL5GL, FL6, Maintenance Day	EPNGFL5, FL5, FL5GL, FL6, Maintenance Day	EFL5S1, FL4, FL5, FL8, SNCFL8	DHFL6STA, EDHFL6, EDHFL6ST	EGEFL4, EGEFL5, GEFL5DM
5	EGNFL12, EGNFL8, GNFL12	ESNCFL6, ESNFL6, FL6	ESNCFL6, ESNFL6, FL6	EPNGFL4, EPNGFLI4, FL4	EDHFL6, EDHFL6ST, IDHFL3	EGEFL5
6	CGN8, ECGN8, EGNFL8, GNFL8	ESNCFL6, ESNFL6, FL6, SNFL6	ESNCFL6, ESNFL6, FL6, SNFL6	EPNGFLI4, FL4	EDHFL6, IDHFL3	EGEFL5
7	CGN8, ECGN5, ECGN8, EGNFL5, EGNFL8	ESNFL6, FL6, SNFL6	ESNFL6, FL6, SNFL6	EPNGFLI4, FL4	DHFL6STA, EDHFL6, EDHFL6ST	EGEFL5

8	ECGN5, IGNFL3, Colour Changing	EPNGFL4, FL4, FL5, FL5GL, FL6, Maintenance Day	EPNGFL4, FL4, FL5, FL5GL, FL6, Maintenance Day	EPNGFLI4, ESNFL6, FL4, FL6	DHFL6STA, DHFL8, DHFL8STA, EDHFL6, EDHFL8, EDHFL8ST, ESSDHF8, SSDHF8	EGEFL5, GEFL5DM
9	IBNFL3, Colour Changing	EPNGFL4, FL4, PNGFL4, Maintenance Day	EPNGFL4, FL4, PNGFL4, Maintenance Day	ESNFL6, FL6	EDHFL8, ESSDHF8, SSDHF8	EGEFL5, EGEFL6, GEFL5DM, GEFL6DM
10	EBNFL5, IBNFL3, Colour Changing	EPNGFL5, FL4, FL5, PNGFL4, Maintenance Day	EPNGFL5, FL4, FL5, PNGFL4, Maintenance Day	ESNFL6, FL6	EDHFL5, EDHFL8, ESSDHF5, SSDHF8	EGEFL6
11	IBNFL3, Colour Changing	EPNGFL5, EPNGFL5MR K1, FL5, FL6	EPNGFL5, EPNGFL5M RK1, FL5, FL6	ESNFL6, ESNFL8, ESSFLF8, FL6, FL8, SNFL8	EDHFL5, ESSDHF5	EGEFL6, EGEFL8
12	IBNFL3, Colour Changing	EPNGFL6, EPNGFL6MR K1, FL6, PNGFL6, Maintenance Day	EPNGFL6, EPNGFL6M RK1, FL6, PNGFL6, Maintenance Day	ESSFLF6, ESSFLF8, FL6, FL8, SSFLF6, SSFLF8	EDHFL5, EDHFL6, ESSDHF5, SSDHF6	EGEFL8
13	BNFL6, EBNFL6, SSBNF6, Colour Changing	FL6, PNGFL6, Maintenance Day	FL6, PNGFL6, Maintenance Day	EFL3MRK1 , EPNGFLI3. 2, ESSFLF6, FL3, FL6, SSFLF6	DHFL8, DHFL8STA, ECDH6, EDHFL6, EDHFL8, SSDHF6	EGEFL10, EGEFL8
14	BNFL6, BNFL8, EBNFL8, SSBNF6, SSBNF8	EFL4S1, FL4, FL6, PNGFL6	EFL4S1, FL4, FL6, PNGFL6	EFL3MRK1 , EPNGFLI3. 2, FL3	ECDH6, EDHFL6	EGEFL10

15	EBNFL8, SSBNF8	EFL3MRK1, EFL4S1, FL3, FL4, FL4GL	EFL3MRK1, EFL4S1, FL3, FL4, FL4GL	EFL3MRK1 , EPNGFL5, FL3, FL5	ECDH6, EDHFL6	EGEFL10, EGEFL12, GEFL12
16	BNFL6, EBNFL8, SSBNF8	EFL3MRK1, FL3	EFL3MRK1, FL3	EPNGFL5, FL5	ECDH6, EDHFL6	EGEFL12, EGEFL8, GEFL12, SSGEF8
17	BNFL6, BNFL8, EBNFL6, EBNFL8, SNSBN8	EFL3MRK1, EFL5S1, FL3, FL5, FL5GL	EFL3MRK1, EFL5S1, FL3, FL5, FL5GL	EPNGFL5, EPNGFL5 MRK1, EPNGFLI4, FL4, FL5	ECDH5, ECDH6, EDHFL5MR K1, EDHFL6	EGEFL5, EGEFL8, ESSGEF5, SSGEF8
18	EBNFL8, SNSBN8	EFL5S1, FL5, FL5GL	EFL5S1, FL5, FL5GL	EPNGFLI4, FL4	ECDH5, EDHFL5MR K1, EDHFL6ST	EGEFL5, EGEFL6, EGEFL8, ESSGEF5, ESSGEF6, SSGEF8
19	BNFL8, EBNFL8, SNSBN8	EFL5S1, FL5	EFL5S1, FL5	EPNGFL4, EPNGFLI4, FL4	DHFL6, DHFL8STA, EDHFL6ST	EGEFL8, SSGEF8
20	BNFL8, EBNFL8, SNBN8, SNSBN8	FL5, FL8, FL8GP	FL5, FL8, FL8GP	EPNGFL4, EPNGFLI4, FL4	DHFL8STA	EGEFL5, EGEFL8, EPNGGE5, GEFL8, SSGEF8
21	EBNFL8, SNBN8	EFL10S1, FL10, FL8, FL8GP	EFL10S1, FL10, FL8, FL8GP	EPNGFLI4, FL4	DHFL8STA, Colour Changing	EGEFL4, EGEFL5, EPNGGE4, GEFL5DM
22	BNFL8, EBNFL8, SNBN8	EFL10S1, FL10, FL10GP, FL12	EFL10S1, FL10, FL10GP, FL12	EPNGFLI4, FL4, PNGFL4	DHNFL5, DHNFL5I, Colour Changing	EGEFL4, EGEFL5, EPNGGE4, EPNGGE5, GEFL5DM
23	BNFL6, BNFL8, EBNFL6, EBNFL8, Colour Changing	FL12, FL12GP	FL12, FL12GP	FL3, FL4, PNGFL4	DHNFL5, DHNFL5I, DHNFL5ST A	EGEFL5, EGEFL6, EPNGGE5, EPNGGE6, GEFL5DM

24	Colour Changing	FL12, FL12GP	FL12, FL12GP	FL3, FL3.2	DHNFL5, DHNFL5ST A	EGEFL6, EPNGGE6, ESNGE6
25	Colour Changing	EFL12S1, FL12, FL12GP	EFL12S1, FL12, FL12GP	EPNGFL6, FL3, FL3.2, FL6	DHNFL5	EGEFL6, ESNGE6, GEFL6
26	Colour Changing	EFL12S1, FL12, FL12GP	EFL12S1, FL12, FL12GP	EPNGFL6, FL6	DHNFL5, DHNFL5ST A	EGEFL6, GEFL6
27	FL5I, Colour Changing	FL10, FL10GP, FL12, FL8, FL8STA	FL10, FL10GP, FL12, FL8, FL8STA	EPNGFL6, FL6, PNGFL6	DHNFL5, DHNFL5ST A, SSDHNF5	ECGE4, EGEFL4, EGEFL6, GEFL6
28	FL5, FL5I	FL8, FL8STA, SSFLF8	FL8, FL8STA, SSFLF8	EFL4S1, EPNGFL6, FL4, FL6, PNGFL6	DHNFL5, DHNFL5ST A, SSDHNF5	ECGE4, EGEFL4, EGEFL5
29	EFL5S1, FL5, FL5GL			FL4, FL4GL	DHNFL5, DHNFL5ST A, Colour Changing	ECGE4, EGEFL4
30	EFL5S1, FL5, FL5GL			FL3, FL3GLS, FL4, FL4GL, Colour Changing	Colour Changing	ECGE4, EGEFL4, EGEFL6
31	FL3, FL3.2, FL3GLS, FL5, FL5GL				Colour Changing	

Tanggal	Data KOG					
	Juli	Agustus	September	Oktober	November	Desember
1	EGEFL6, EGEFL8, GEFL8	EPNGFL3.2, EPNGFLI3.2 , ESNCF5, FL3, FL5	EPNGFL3. 2, EPNGFLI3. 2, ESNCF5, FL3, FL5	FL5, Colour Changing	AGEFL5, EGEFL5, IGEFL3, Colour Changing	ECDH6
2	EGEFL5, EGEFL8, GEFL5DM , GEFL8	ESNCF5, ESNFL5, FL5	ESNCF5, ESNFL5, FL5	FL5, Colour Changing	AGEFL5, AGEFL5M, EGEFL5, EGEFL6, GEFL5DM, Colour Changing	ECDH6
3	EGEFL5, GEFL5DM	ESNFL5, FL5	ESNFL5, FL5	EPNGFL4 , FL4, FL5, FL5STA, Colour Changing	EGEFL6, EGEFL8, GEFL8., Colour Changing	ECDH6
4	Colour Changing	ESNFL6, FL5, FL6	ESNFL6, FL5, FL6	EPNGFL4 , EPNGFLI 4, FL4, FL5, Colour Changing	EGEFL8, GEFL8, Colour Changing	DHFL8, ECDH6, ECDH8, EDHFL6
5	Colour Changing	ESNFL6, FL6	ESNFL6, FL6	EPNGFL4 , EPNGFLI 4, FL4, Colour Changing	ECGE4, EGEFL4, EGEFL5, EGEFL8, GEFL5, GEFL8, Colour Changing	DHFL8, Colour Changing
6	Colour Changing	ESNFL6, ESNFL8, FL6, FL8, FL8GP	ESNFL6, ESNFL8, FL6, FL8, FL8GP	EPNGFL4 , FL4, PNGFL4	ECGE4, EGEFL4, Colour Changing	DHNFL5, DHNFL5I, SSDHN5, Colour Changing

7	Colour Changing	ESNFL8, FL8, FL8GP, SNFL8	ESNFL8, FL8, FL8GP, SNFL8	EPNGFL4, EPNGFLI 4, FL4, PNGFL4	ECGE4	DHNFL5, DHNFL5STA, SSDHNF5
8	Colour Changing	EPNGFL10, EPNGFL8, FL10, FL8	EPNGFL10, EPNGFL8, FL10, FL8	EPNGFL4, EPNGFLI 4, FL4, FL5, Colour Changing	ECGE4	DHNFL5, DHNFL5STA
9	FL5I, Colour Changing	EPNGFL10, FL10	EPNGFL10, FL10	EPNGFLI 4, FL4, FL5, Colour Changing	ECGE4, Colour Changing	DHNFL5, DHNFL5STA
10	FL5, FL5I, Colour Changing	EPNGFL10, FL10, FL5, Colour Changing	EPNGFL10, FL10, FL5, Colour Changing	EPNGFL5, EPNGFLI 4, FL4, FL5, Colour Changing	ECGE4, EGEFL4, IGEFL3, Colour Changing	DHNFL5, DHNFL5STA
11	FL5	IBRFL3, Colour Changing	IBRFL3, Colour Changing	EPNGFL5, FL5, PNGFL5	Colour Changing	DHNFL5, DHNFL5I, Colour Changing
12	FL5	IBRFL3, Colour Changing	IBRFL3, Colour Changing	EPNGFL5, ESNFL6, FL5, FL6, Colour Changing	Colour Changing	Colour Changing
13	FL5	EBRFL5, IBRFL3	EBRFL5, IBRFL3	ESNFL6, FL6	IDHFL3, Colour Changing	EDHFL5, ESSDHF5, Colour Changing

14	FL5	EBRFL5	EBRFL5	ESNFL6, FL5, FL6	IDHFL3, Colour Changing	DHFL8, EDHFL5, ESSDHF5, ESSDHF8, SSDHF8
15	EPNGFL5, FL5	EBRFL5, IBRFL3, Colour Changing	EBRFL5, IBRFL3, Colour Changing	EPNGFL5 , EPNGFL6 , FL5, FL6, PNGFL6	EDHFL6, IDHFL3, Colour Changing	DHFL8, ESSDHF8, SSDHF8
16	EPNGFL5, FL5	EBRFL5, IBRFL3, Colour Changing	EBRFL5, IBRFL3, Colour Changing	EPNGFL6 , FL6, PNGFL6	EDHFL6, EDHFL6ST , Colour Changing	DHFL8, ESSDHF8, SSDHF8
17	EPNGFL5, FL5	EBRFL5	EBRFL5	EPNGFL6 , FL6, PNGFL6	DHFL8, EDHFL6, EDHFL6ST , EDHFL8, Colour Changing	DHFL8, ESSDHF8, SNSDH8, SSDHF8
18	EPNGFL4, EPNGFL5, FL4, FL5	EBRFL5	EBRFL5	EPNGFL6 , ESNFL6, FL6	DHFL8, DHFL8STA , EDHFL8, Colour Changing	DHFL8, SNSDH8
19	EPNGFL4, EPNGFL6, FL4, FL6	EBRFL5, EBRFL6	EBRFL5, EBRFL6	ESNFL6, FL6, SNFL6	DHFL6STA , DHFL8, DHFL8STA , EDHFL6, EDHFL8, Colour Changing	DHFL6, DHFL8, EDHFL6, ESSDHF6, SSDHF6
20	EPNGFL6, FL6	EBRFL6, EBRFL8	EBRFL6, EBRFL8	ESNFL5, FL5, FL6	DHFL6, DHFL6STA , EDHFL8, ESSDHF8, Colour Changing	DHFL6, DHFL8, ESSDHF6

21	EPNGFL6, FL5, FL6, PNGFL6	EBRFL8	EBRFL8	ESNFL5, FL5, FL5GL	DHFL8, DHFL8STA , EDHFL8, ESSDHF8, SSDHF8, Colour Changing	DHFL6, DHFL6STA, DHFL8, DHFL8STA, EDHFL8ST
22	FL4, FL5	EBRFL10, EBRFL8	EBRFL10, EBRFL8	EPNGFL4 , EPNGFLI 4, FL4, FL5, FL5GL, PNGFL5	DHFL8STA , EDHFL8, ESSDHF8, SSDHF8, Colour Changing	DHFL6, DHFL6STA, EDHFL6ST
23	EPNGFL4, FL4	EBRFL10	EBRFL10	EPNGFL4 , EPNGFLI 4, FL4	DHFL8, EDHFL5, EDHFL6, EDHFL8, ESSDHF5, SSDHF8, Colour Changing	DHFL6, DHFL6STA, DHFL8, DHFL8STA, SNSDH8
24	EPNGFL4, EPNGFLI4 , FL4, PNGFL4	EBRFL10	EBRFL10	EPNGFL3 .2, EPNGFL4 , FL3, FL4, Colour Changing	DHFL6STA , ECDH6, EDHFL6, Colour Changing	DHFL8, SNSDH8
25	EPNGFL4, EPNGFLI3 .2, EPNGFLI4 , FL3, FL4	EBRFL10	EBRFL10	EPNGFL3 .2, FL3, FL5, FL8, FL8GP, Colour Changing	ECDH5, ECDH6, EDHFL5, EDHFL6, Colour Changing	DHFL8, DHFL8STA, SNSDH8
26	ESNFL4, FL3, FL4	EBRFL10, EBRFL8	EBRFL10, EBRFL8	ESNFL8, FL8GP, SNFL8	ECDH5, EDHFL5, Colour Changing	DHFL8, DHFL8STA, Colour Changing
27	ESNFL4, FL4, FL5	EBRFL12, EBRFL8	EBRFL12, EBRFL8	ESNCFL8 , ESNFL8, FL8GP, SNCFL8, SNFL8	ECDH5, ECDH6, EDHFL5, EDHFL6, Colour Changing	Colour Changing
28	FL5	EBRFL12	EBRFL12	ESNCFL8 , FL8GP, SNCFL8	ECDH6	Colour Changing

29	FL5, FL5LTP	EBRFL12, EBRFL5, EBRFL8	EBRFL12, EBRFL5, EBRFL8	ESNCFL8 , FL8, FL8GP, SNCFL8, Colour Changing	ECDH6	Colour Changing
30	EPNGFL3. 2, FL3, FL5	BRFL5DM, EBRFL5	BRFL5DM, EBRFL5	Colour Changing	ECDH6, EDHFL6	Colour Changing
31	EPNGFL3. 2, EPNGFLI3 .2, FL3	BRFL5, EBRFL5		IGEFL3, Colour Changing		GNFL5, GNFL6, SSGNF6, Colour Changing