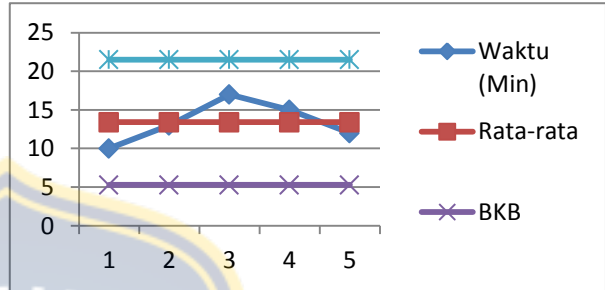


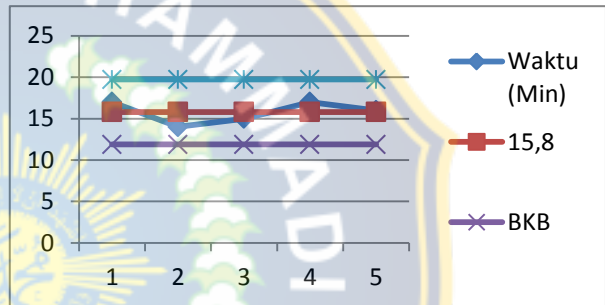
Lampiran : Uji Keseragaman Data

1. Stasiun Remelter

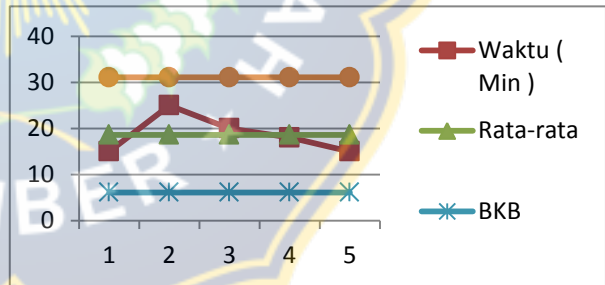
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	10	13,4	5,29	21,50
2.	13	13,4	5,29	21,50
3.	17	13,4	5,29	21,50
4.	15	13,4	5,29	21,50
5.	12	13,4	5,29	21,50



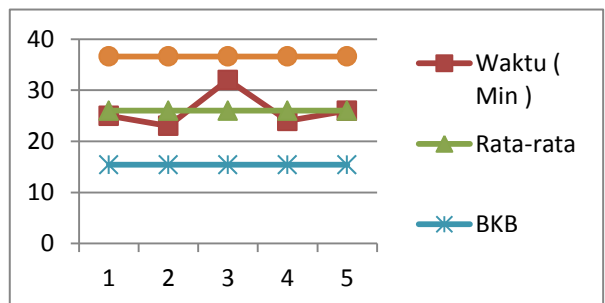
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	17	15,8	11,88	19,71
2.	14	15,8	11,88	19,71
3.	15	15,8	11,88	19,71
4.	17	15,8	11,88	19,71
5.	16	15,8	11,88	19,71



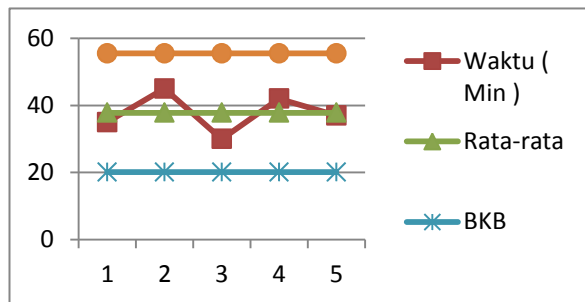
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	15	18,6	6,12	31,07
2.	25	18,6	6,12	31,07
3.	20	18,6	6,12	31,07
4.	18	18,6	6,12	31,07
5.	15	18,6	6,12	31,07



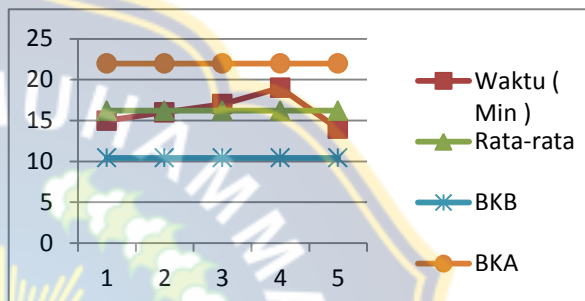
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	25	26	15,39	36,60
2.	23	26	15,39	36,60
3.	32	26	15,39	36,60
4.	24	26	15,39	36,60
5.	26	26	15,39	36,60



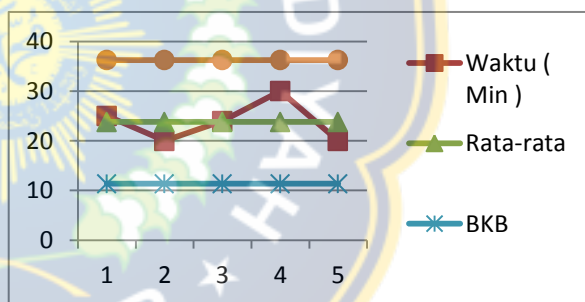
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	35	37,8	20,12	55,47
2.	45	37,8	20,12	55,47
3.	30	37,8	20,12	55,47
4.	42	37,8	20,12	55,47
5.	37	37,8	20,12	55,47



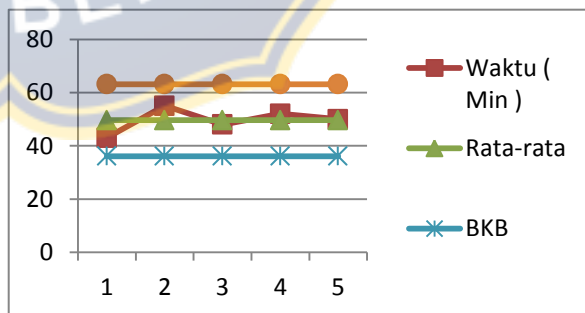
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	15	16,2	10,42	21,97
2.	16	16,2	10,42	21,97
3.	17	16,2	10,42	21,97
4.	19	16,2	10,42	21,97
5.	14	16,2	10,42	21,97



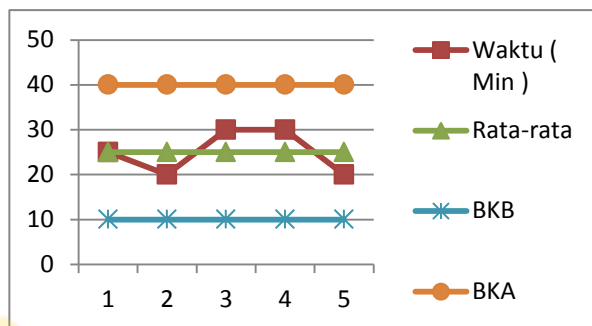
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	25	23,8	11,35	36,24
2.	20	23,8	11,35	36,24
3.	24	23,8	11,35	36,24
4.	30	23,8	11,35	36,24
5.	20	23,8	11,35	36,24



No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	43	49,6	36,08	63,11
2.	55	49,6	36,08	63,11
3.	48	49,6	36,08	63,11
4.	52	49,6	36,08	63,11
5.	50	49,6	36,08	63,11

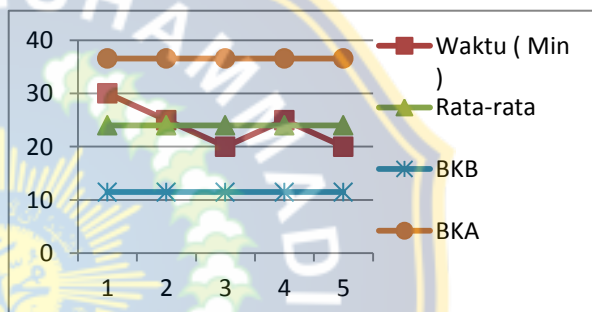


No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	25	25	10	40
2.	20	25	10	40
3.	30	25	10	40
4.	30	25	10	40
5.	20	25	10	40

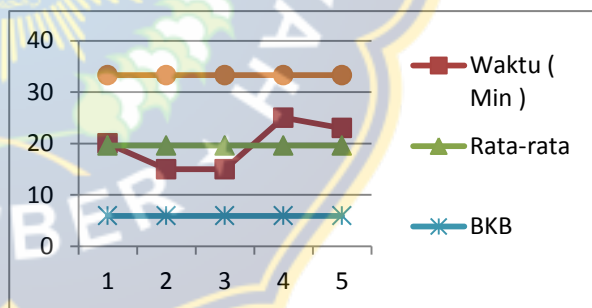


2. Stasiun Karbonator

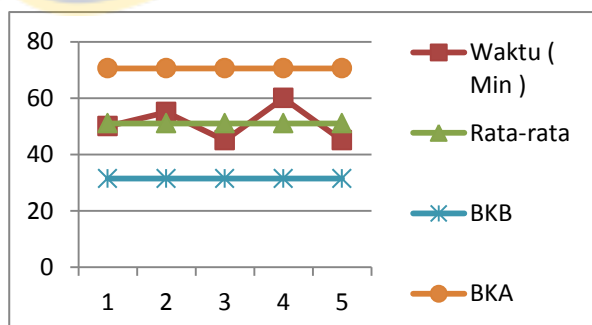
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	30	24	11,45	36,54
2.	25	24	11,45	36,54
3.	20	24	11,45	36,54
4.	25	24	11,45	36,54
5.	20	24	11,45	36,54



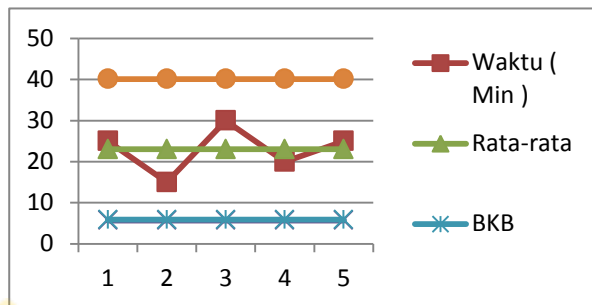
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	20	19,6	5,91	33,28
2.	15	19,6	5,91	33,28
3.	15	19,6	5,91	33,28
4.	25	19,6	5,91	33,28
5.	23	19,6	5,91	33,28



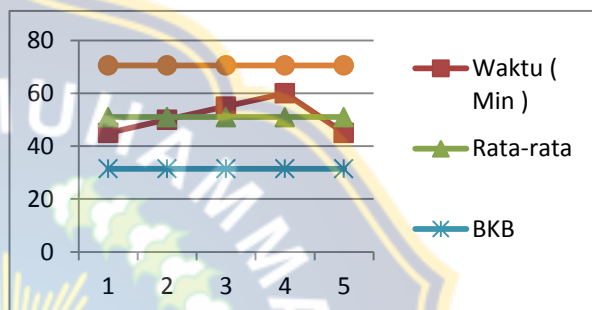
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	50	51	31,44	70,55
2.	55	51	31,44	70,55
3.	45	51	31,44	70,55
4.	60	51	31,44	70,55
5.	45	51	31,44	70,55



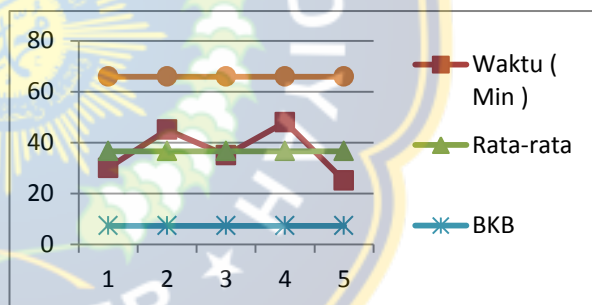
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	25	23	5,89	40,10
2.	15	23	5,89	40,10
3.	30	23	5,89	40,10
4.	20	23	5,89	40,10
5.	25	23	5,89	40,10



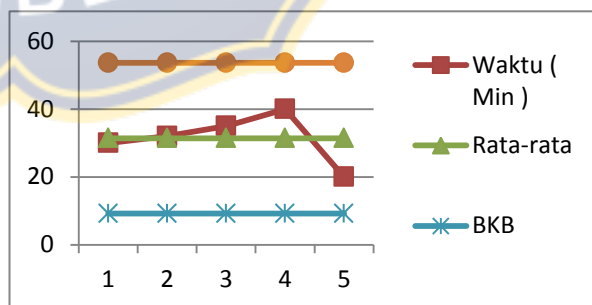
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	45	51	31,44	70,55
2.	50	51	31,44	70,55
3.	55	51	31,44	70,55
4.	60	51	31,44	70,55
5.	45	51	31,44	70,55



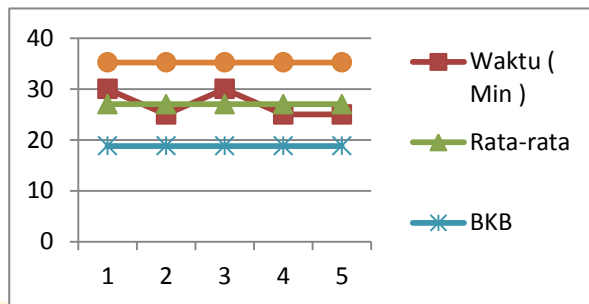
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	30	36,6	7,31	65,88
2.	45	36,6	7,31	65,88
3.	35	36,6	7,31	65,88
4.	48	36,6	7,31	65,88
5.	25	36,6	7,31	65,88



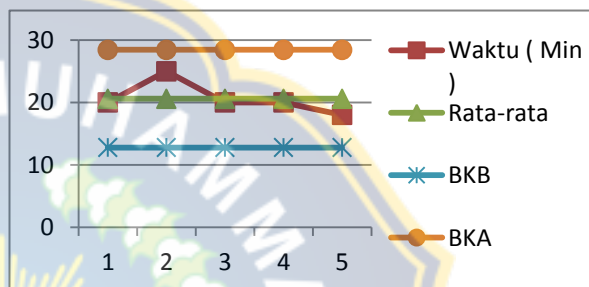
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	30	31,4	9,19	53,60
2.	32	31,4	9,19	53,60
3.	35	31,4	9,19	53,60
4.	40	31,4	9,19	53,60
5.	20	31,4	9,19	53,60



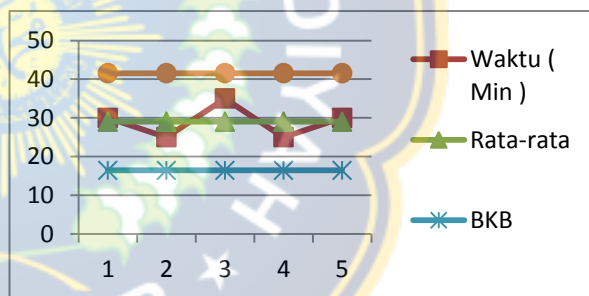
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	30	27	18,78	35,21
2.	25	27	18,78	35,21
3.	30	27	18,78	35,21
4.	25	27	18,78	35,21
5.	25	27	18,78	35,21



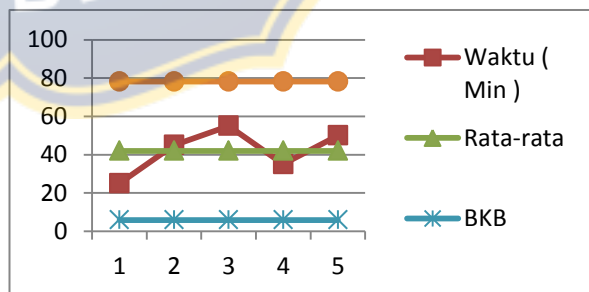
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	20	20,6	12,77	28,42
2.	25	20,6	12,77	28,42
3.	20	20,6	12,77	28,42
4.	20	20,6	12,77	28,42
5.	18	20,6	12,77	28,42



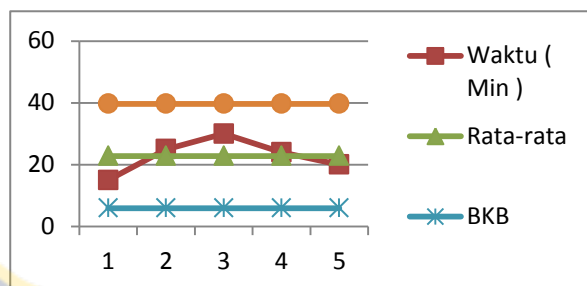
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	30	29	16,45	41,54
2.	25	29	16,45	41,54
3.	35	29	16,45	41,54
4.	25	29	16,45	41,54
5.	30	29	16,45	41,54



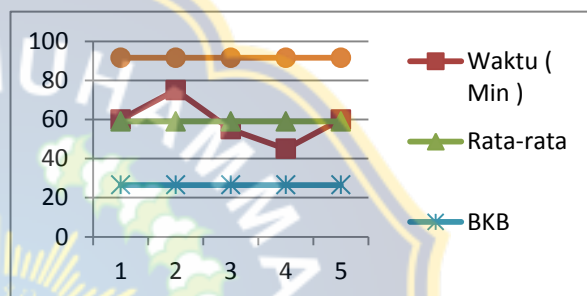
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	25	42	5,87	78,12
2.	45	42	5,87	78,12
3.	55	42	5,87	78,12
4.	35	42	5,87	78,12
5.	50	42	5,87	78,12



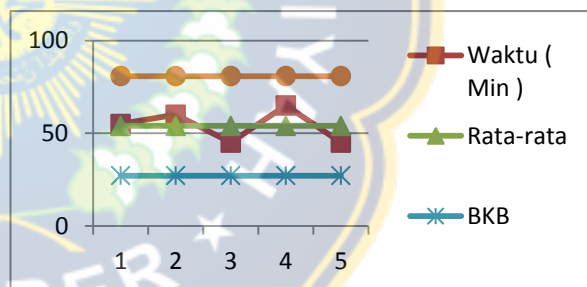
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	15	22,8	5,90	39,69
2.	25	22,8	5,90	39,69
3.	30	22,8	5,90	39,69
4.	24	22,8	5,90	39,69
5.	20	22,8	5,90	39,69



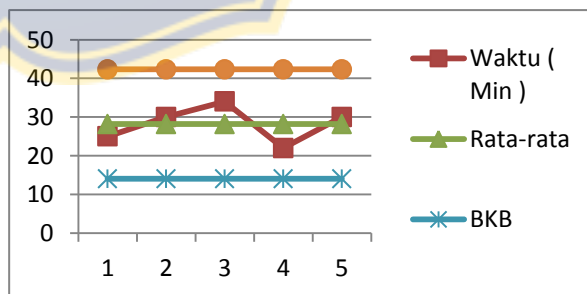
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	60	59	26,48	91,51
2.	75	59	26,48	91,51
3.	55	59	26,48	91,51
4.	45	59	26,48	91,51
5.	60	59	26,48	91,51



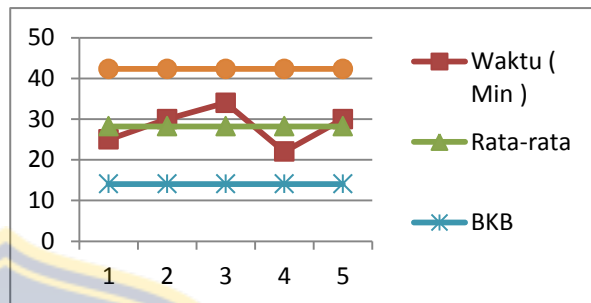
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	55	54	27,16	80,83
2.	60	54	27,16	80,83
3.	45	54	27,16	80,83
4.	65	54	27,16	80,83
5.	45	54	27,16	80,83



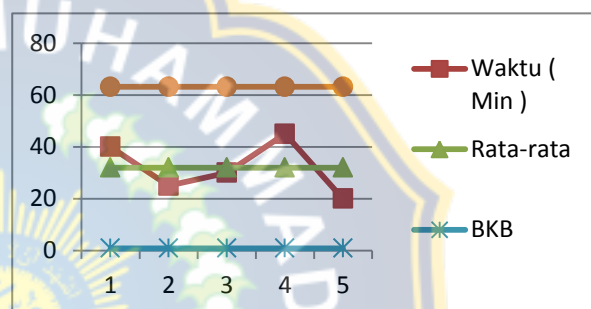
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	25	28,2	14,06	42,33
2.	30	28,2	14,06	42,33
3.	34	28,2	14,06	42,33
4.	22	28,2	14,06	42,33
5.	30	28,2	14,06	42,33



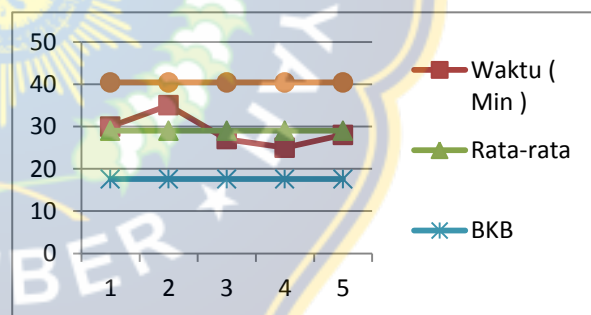
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	25	28,2	14,06	42,33
2.	30	28,2	14,06	42,33
3.	34	28,2	14,06	42,33
4.	22	28,2	14,06	42,33
5.	30	28,2	14,06	42,33



No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	40	10,36	0,89	63,10
2.	25	10,36	0,89	63,10
3.	30	10,36	0,89	63,10
4.	45	10,36	0,89	63,10
5.	20	10,36	0,89	63,10

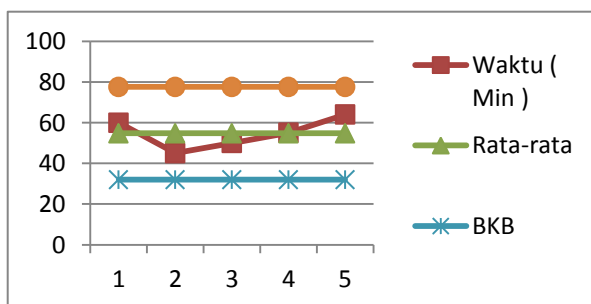


No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	30	29	17,57	40,42
2.	35	29	17,57	40,42
3.	27	29	17,57	40,42
4.	25	29	17,57	40,42
5.	28	29	17,57	40,42

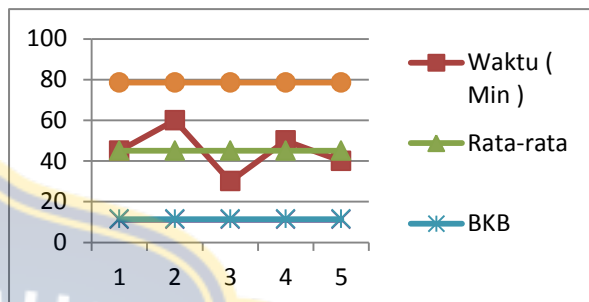


3. Stasiun Rotari Life Filter

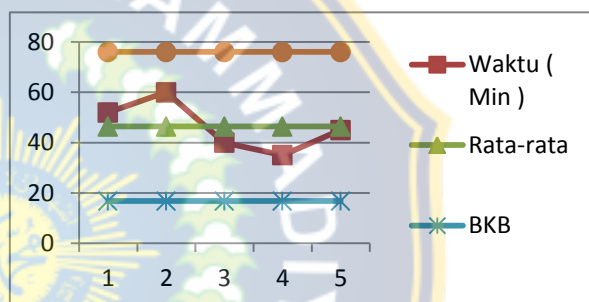
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	60	54,8	32,01	77,58
2.	45	54,8	32,01	77,58
3.	50	54,8	32,01	77,58
4.	55	54,8	32,01	77,58
5.	64	54,8	32,01	77,58



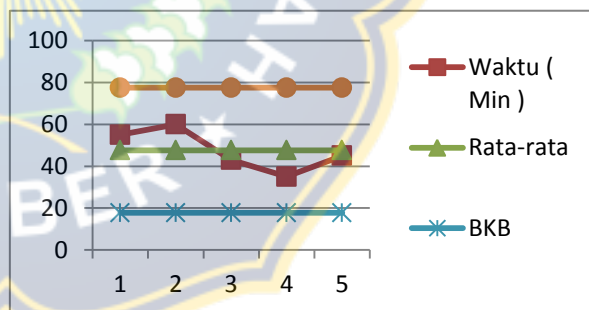
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	45	45	11,45	78,54
2.	60	45	11,45	78,54
3.	30	45	11,45	78,54
4.	50	45	11,45	78,54
5.	40	45	11,45	78,54



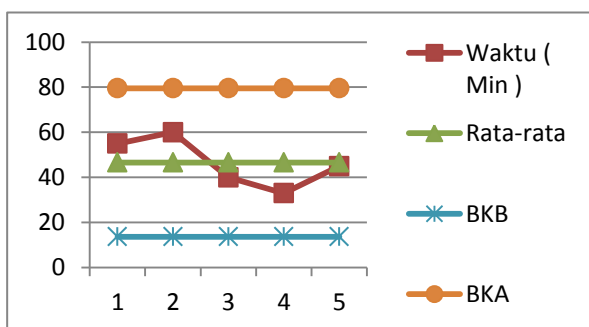
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	52	46,4	16,80	75,99
2.	60	46,4	16,80	75,99
3.	40	46,4	16,80	75,99
4.	35	46,4	16,80	75,99
5.	45	46,4	16,80	75,99



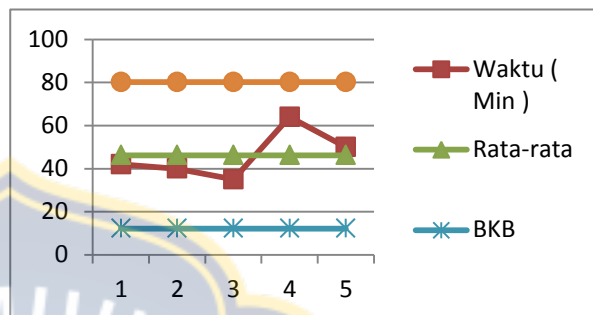
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	55	47,6	17,78	77,41
2.	60	47,6	17,78	77,41
3.	43	47,6	17,78	77,41
4.	35	47,6	17,78	77,41
5.	45	47,6	17,78	77,41



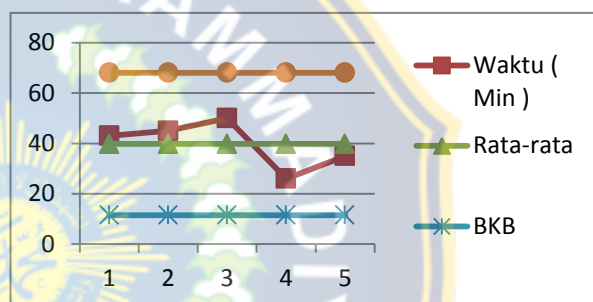
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	55	46,6	13,69	79,50
2.	60	46,6	13,69	79,50
3.	40	46,6	13,69	79,50
4.	33	46,6	13,69	79,50
5.	45	46,6	13,69	79,50



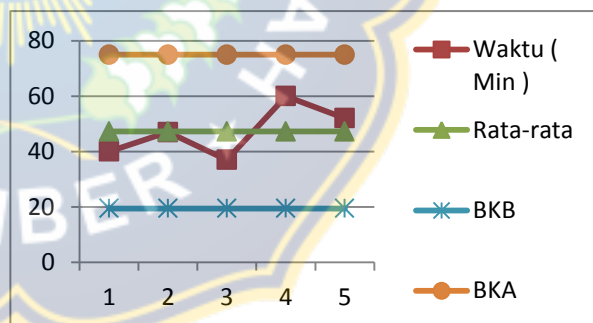
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	42	46,2	12,23	80,16
2.	40	46,2	12,23	80,16
3.	35	46,2	12,23	80,16
4.	64	46,2	12,23	80,16
5.	50	46,2	12,23	80,16



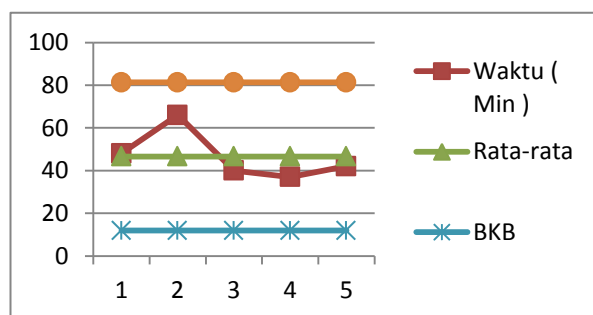
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	43	39,8	11,54	68,05
2.	45	39,8	11,54	68,05
3.	50	39,8	11,54	68,05
4.	26	39,8	11,54	68,05
5.	35	39,8	11,54	68,05



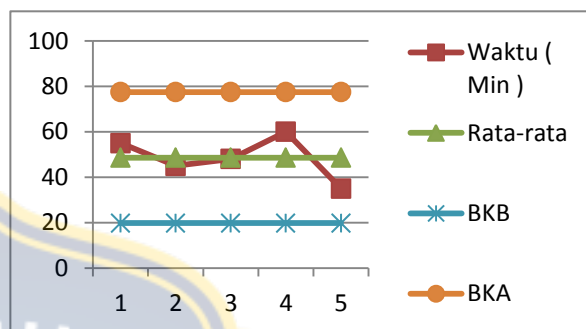
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	40	47,2	19,42	74,97
2.	47	47,2	19,42	74,97
3.	37	47,2	19,42	74,97
4.	60	47,2	19,42	74,97
5.	52	47,2	19,42	74,97



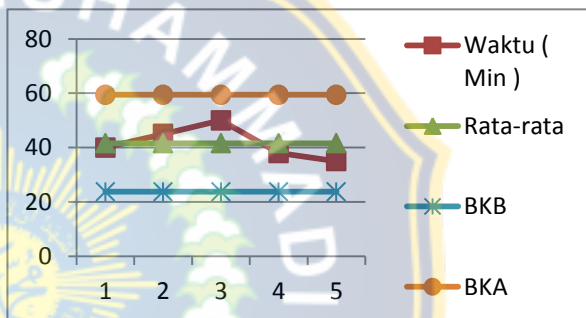
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	48	46,6	11,89	81,30
2.	66	46,6	11,89	81,30
3.	40	46,6	11,89	81,30
4.	37	46,6	11,89	81,30
5.	42	46,6	11,89	81,30



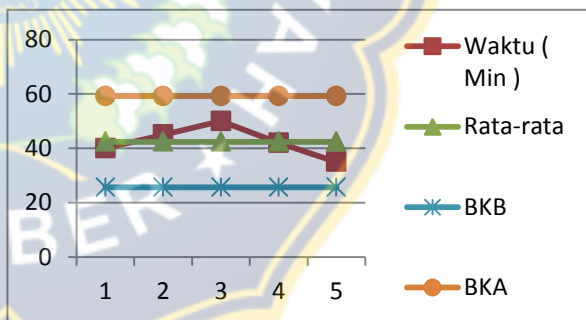
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	55	48,6	19,77	77,42
2.	45	48,6	19,77	77,42
3.	48	48,6	19,77	77,42
4.	60	48,6	19,77	77,42
5.	35	48,6	19,77	77,42



No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	40	41,6	23,77	59,42
2.	45	41,6	23,77	59,42
3.	50	41,6	23,77	59,42
4.	38	41,6	23,77	59,42
5.	35	41,6	23,77	59,42

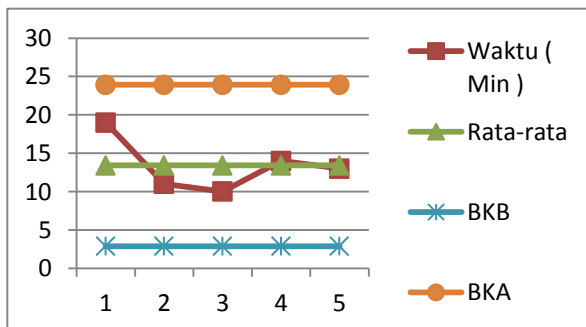


No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	40	42,4	25,61	59,18
2.	45	42,4	25,61	59,18
3.	50	42,4	25,61	59,18
4.	42	42,4	25,61	59,18
5.	34	42,4	25,61	59,18



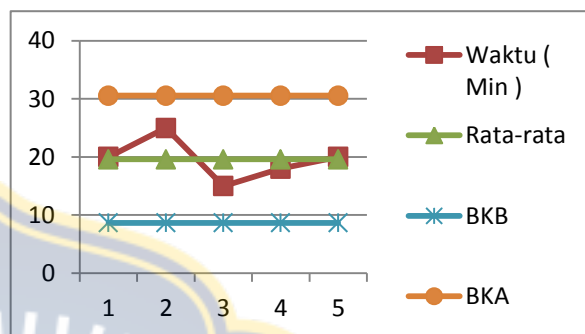
4. Stasiun Filter Press

No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	19	13,4	2,87	23,92
2.	11	13,4	2,87	23,92
3.	10	13,4	2,87	23,92
4.	14	13,4	2,87	23,92

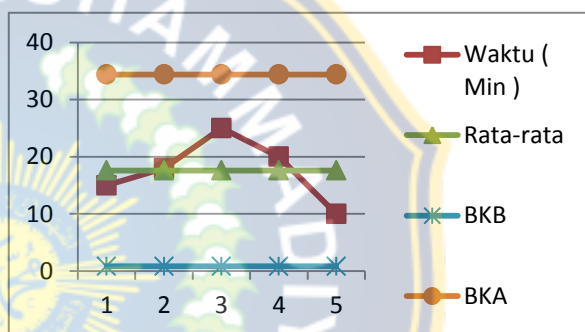


5.	13	13,4	2,87	23,92
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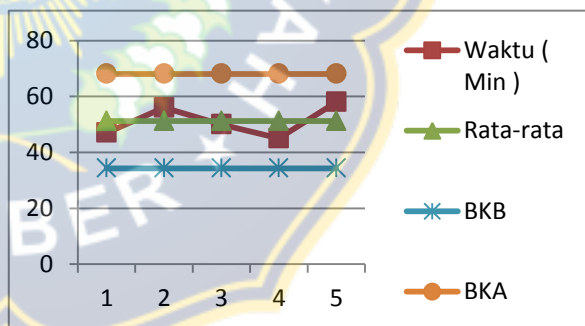
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	20	19,6	8,65	30,54
2.	25	19,6	8,65	30,54
3.	15	19,6	8,65	30,54
4.	18	19,6	8,65	30,54
5.	20	19,6	8,65	30,54



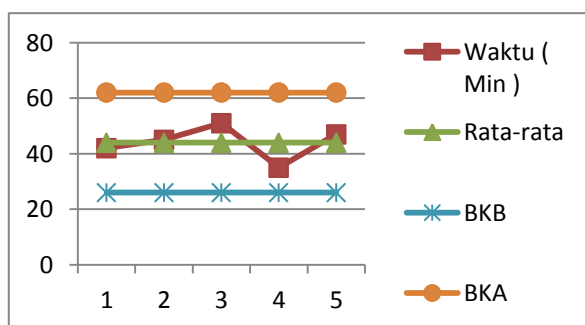
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	15	17,6	0,81	34,38
2.	18	17,6	0,81	34,38
3.	25	17,6	0,81	34,38
4.	20	17,6	0,81	34,38
5.	10	17,6	0,81	34,38



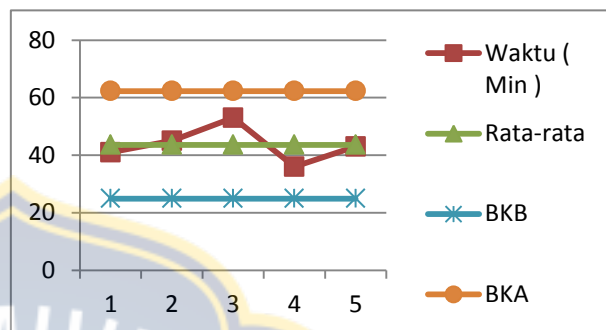
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	47	51,2	34,30	68,09
2.	56	51,2	34,30	68,09
3.	50	51,2	34,30	68,09
4.	45	51,2	34,30	68,09
5.	58	51,2	34,30	68,09



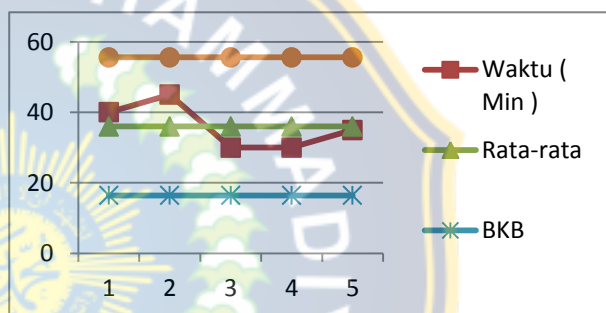
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	42	44	26	62
2.	45	44	26	62
3.	51	44	26	62
4.	35	44	26	62
5.	47	44	26	62



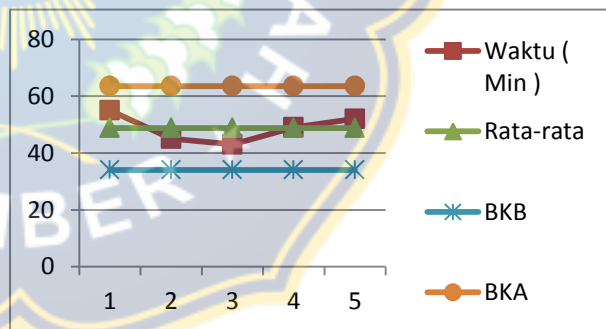
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	41	43,6	24,91	62,28
2.	45	43,6	24,91	62,28
3.	53	43,6	24,91	62,28
4.	36	43,6	24,91	62,28
5.	43	43,6	24,91	62,28



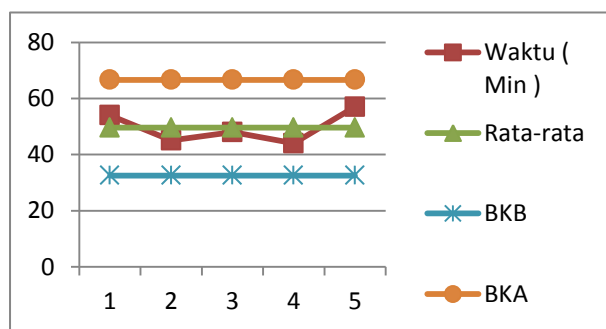
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	40	36	16,44	55,55
2.	45	36	16,44	55,55
3.	30	36	16,44	55,55
4.	30	36	16,44	55,55
5.	35	36	16,44	55,55



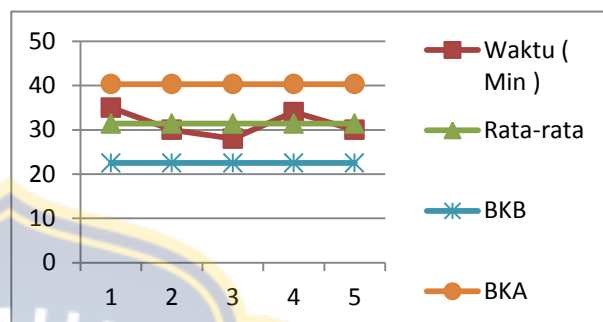
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	55	48,8	34,04	63,55
2.	45	48,8	34,04	63,55
3.	43	48,8	34,04	63,55
4.	49	48,8	34,04	63,55
5.	52	48,8	34,04	63,55



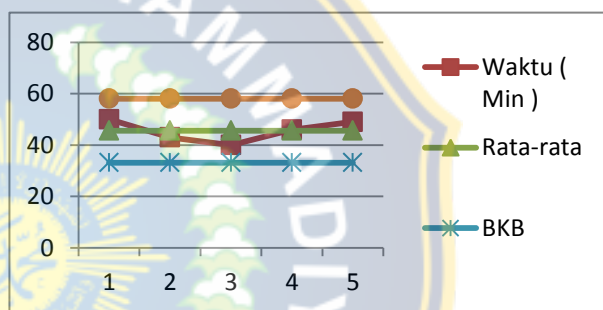
No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	55	49,6	32,55	66,64
2.	45	49,6	32,55	66,64
3.	48	49,6	32,55	66,64
4.	44	49,6	32,55	66,64
5.	57	49,6	32,55	66,64



No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	35	31,4	22,50	40,29
2.	30	31,4	22,50	40,29
3.	28	31,4	22,50	40,29
4.	34	31,4	22,50	40,29
5.	30	31,4	22,50	40,29



No.	Waktu Pengamatan	Rata-rata	BKB	BKA
1.	50	45,6	33,12	58,07
2.	43	45,6	33,12	58,07
3.	40	45,6	33,12	58,07
4.	46	45,6	33,12	58,07
5.	49	45,6	33,12	58,07



Lampiran : Data Pengamatan

Unit Remelter (menit)

No.	Scope Pekerjaan	Pengamatan ke-				
		1	2	3	4	5
1.	Pembersihan pompa-pompa	10	13	17	15	12
2.	Pembongkaran pompa-pompa	17	14	15	17	16
3.	Perbaikan pompa-pompa	15	25	20	18	15
4.	Penyetelan pompa-pompa	25	23	32	24	26
5.	Pemasangan pompa-pompa	35	45	30	42	37
6.	Pembersihan peti material	15	16	17	19	14
7.	Test ketebalan plat peti material	25	20	24	30	20
8.	Perbaikan pengaduk-pengaduk	43	55	48	52	50
9.	Test padat air	25	20	30	30	20

Unit Karbonator (menit)

No.	Scope Pekerjaan	Pengamatan ke-				
		1	2	3	4	5
1.	Pembersihan karbonator 1, 2 dan 3	30	25	20	25	20
2.	Pembongkaran pipa CO2 dan payungan	20	15	15	25	23
3.	Perbaikan pipa CO2 dan payungan	50	55	45	60	45
4.	Pemasangan pipa CO2 dan payungan	25	15	30	20	25
5.	Pembersihan Pompa Vakum CO2	45	50	55	60	45
6.	Pembongkaran Pompa Vakum CO2	30	45	35	48	25
7.	Perbaikan Pompa Vakum CO2	30	32	35	40	20
8.	Penyetelan Pompa Vakum CO2	30	25	30	25	25
9.	Pemasangan Pompa Vakum CO2	20	25	20	20	18
10.	Pembersihan jalur dari endapan abu	30	25	35	25	30
11.	Pembongkaran spray CO2 14 unit	25	45	55	35	50
12.	Perbaikan spray CO2 14 unit	15	25	30	24	20
13.	Penyetelan spray CO2 14 unit	60	75	55	45	60
14.	Pemasangan spray CO2 14 unit	55	60	45	65	45
15.	Pengurusan Bak Pengendapan Abu	25	30	34	22	30

16.	Pembongkaran keramik penyaring abu (± 1000 unit)	40	25	30	45	20
17.	Penggantian keramik penyaring abu (± 1000 unit)	30	35	27	25	28

Unit Rotari Life Filter (menit)

No.	Scope Pekerjaan	Pengamatan ke-				
		1	2	3	4	5
1.	Pembersihan RLF	60	45	50	55	64
2.	Pembongkaran RLF Bongkar <i>Frame</i> RLF 190 unit	45	60	30	50	40
3.	Bongkar <i>Cloth</i> RLF 190 unit	52	60	40	35	45
4.	Perbaiki RLF Perbaiki <i>Frame</i> RLF 196 unit	55	60	43	35	45
5.	Perbaiki <i>Accesoris</i> RLF	55	60	40	33	50
6.	Pemasangan RLF Jahit <i>Cloth</i> 218 unit	42	40	35	64	35
7.	Pemasangan <i>Frame</i> 190 unit	43	45	50	26	52
8.	Pembersihan Valve dan Perpipaan	40	47	37	60	42
9.	Pembongkaran Valve dan Perpipaan	48	66	40	37	35
10.	Perbaiki dan penggantian Valve dan Perpipaan	55	45	48	60	35
11.	Penyetelan dan pemasangan Valve dan Perpipaan	40	45	50	38	35
12.	Test padat air Valve dan Perpipaan	40	45	50	42	35

Unit Filter Press (menit)

No.	Scope Pekerjaan	Pengamatan ke-				
		1	2	3	4	5
1.	Pembersihan <i>Filter Press</i>	19	11	10	14	13
2.	Pembongkaran <i>Filter Press</i> Bongkar <i>Frame</i> RLF 116 unit	20	25	15	18	20
3.	Bongkar <i>Cloth</i> RLF 116 unit	15	18	25	20	10
4.	Perbaiki RLF Perbaiki <i>Frame</i> 128 unit	47	56	50	45	58
5.	Perbaiki <i>Accesoris</i> RLF	42	45	51	35	47
6.	Pemasangan RLF Pemasangan <i>Frame</i> RLF 116 unit	41	45	53	36	43
7.	Pembersihan Timba Jacob	40	45	30	30	35
8.	Pembongkaran Timba Jacob	55	45	43	49	52

9.	Perbaikan Timba Jacob	54	45	48	44	57
10.	Penyetelan Timba Jacob	35	30	28	34	30
11.	Pemasangan Timba Jacob	50	43	40	46	49

Lampiran : Dokumentasi

