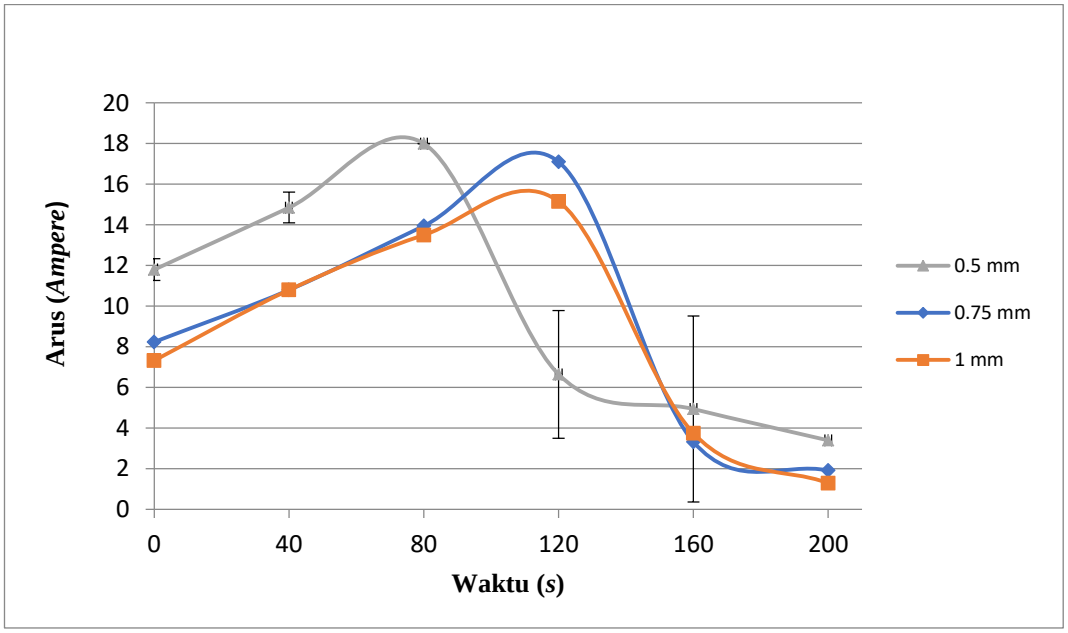
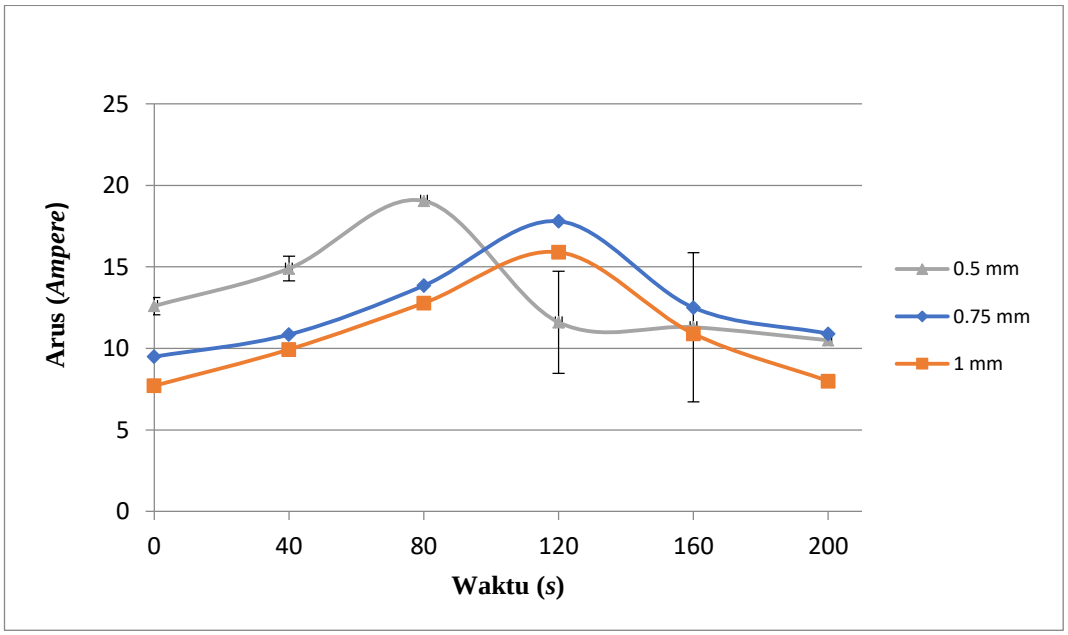
Lampiran 1

No	*Gap* (mm)	Arus (*Ampere*)		Tegangan (*volt*)	Waktu (s)	*Tool Movement* (mm)	*Non Masking*		*Masking*	
		Spesimen 1	Spesimen 2				Rata -Rata Arus (*Ampere*)	error bars	Rata -Rata Arus (*Ampere*)	error bars
1	0.5	12.8	12.4	10	0	0.25	12.6	0.14142	11.8	0.14142
2		14.3	15.5		40	0.25	14.9	0.42426	14.85	0.38891
3		18.6	19.5		80	0.25	19.05	0.31820	18	0.21213
4		12	11.2		120	0.25	11.6	0.28284	6.645	0.35002
5		11.7	10.9		160	0.25	11.3	0.28284	4.94	0.07778
6		10.8	10.2		200	0.25	10.5	0.21213	3.4	0.62225
7	0.75	10.2	8.78		0	0.25	9.49	0.50205	8.24	0.25456
8		11.1	10.6		40	0.25	10.85	0.17678	10.8	0.35355
9		13.5	14.2		80	0.25	13.85	0.24749	13.95	0.10607
10		18.2	17.4		120	0.25	17.8	0.28284	17.1	0.49497
11		12	13		160	0.25	12.5	0.35355	3.325	0.02475
12		10.8	11		200	0.25	10.9	0.07071	1.915	0.19445
13	1	8.68	6.73		0	0.25	7.705	0.68943	7.325	0.05303
14		10.1	9.77		40	0.25	9.935	0.11667	10.8	0.28284
15		13.9	11.66		80	0.25	12.78	0.79196	13.5	0.42426
16		15.3	16.5		120	0.25	15.9	0.42426	15.15	0.31820
17		10.2	11.6		160	0.25	10.9	0.49497	3.75	0.24749
18		7.72	8.27		200	0.25	7.995	0.19445	1.295	0.03889

Tabel besarnya arus yang muncul pada benda kerja *masking* dan *non masking*.



Grafik rata-rata arus yang mucul pada benda kerja *masking.*

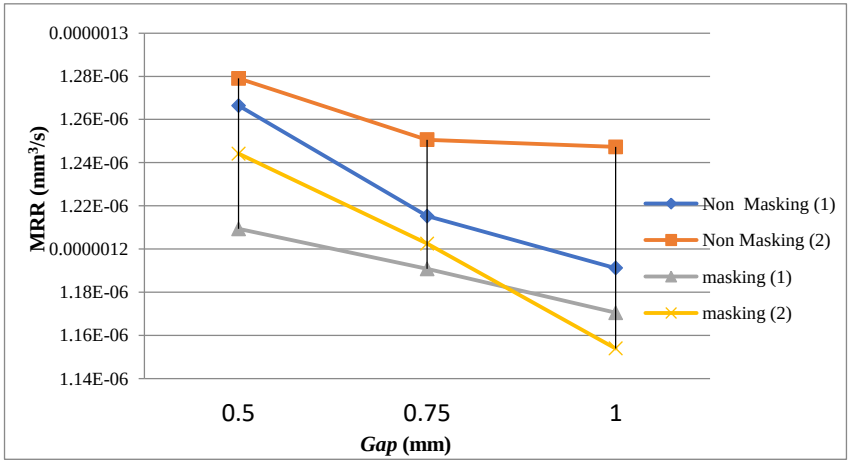


Grafik rata-rata arus yang mucul pada benda kerja *non masking.*

Lampiran 2

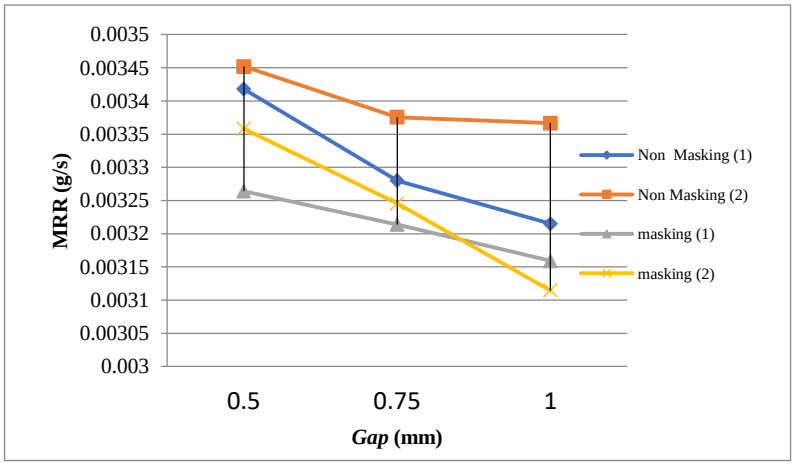
Tabel hasil MRR pada setiap spesimen pada benda kerja *masking*.

Masking			**spesimen 1**					
***Gap* (mm)**	**Konsentrasi Elektrolit (%)**	**tegangan (*volt*)**	***mo* (gr)**	***mt* (gr)**	**D*m* = *mo-mt* (g)**	**Waktu (s)**	**MRR ($mm^{3/}s$)**	**MRR (g/s)**
0.5	10	10	4.0936	3.4408	0.6528	200	1.20934E-06	0.003264
0.75			4.0911	3.4483	0.6428	200	1.19081E-06	0.003214
1			3.98661	3.3548	0.63181	200	1.17045E-06	0.00315905
Masking			**spesimen 2**					
***Gap* (mm)**	**Konsentrasi Elektrolit (%)**	**tegangan (*volt*)**	***mo* (gr)**	***mt* (gr)**	**D*m* = *mo-mt* (g)**	**Waktu (s)**	**MRR (mm^3/s)**	**MRR (g/s)**
0.5	10	10	4.1539	3.4823	0.6716	200	1.24416E-06	0.003358
0.75			4.0831	3.434	0.6491	200	1.20248E-06	0.0032455
1			4.0157	3.3928	0.6229	200	1.15395E-06	0.0031145



Tabel hasil MRR pada setiap spesimen pada benda kerja *non masking*.

Non Masking			**spesimen 1**					
***Gap* (mm)**	**Konsentrasi Elektrolit (%)**	**tegangan (*volt*)**	***mo* (gr)**	***mt* (gr)**	**Dm = *mo-mt* (g)**	**Waktu (s)**	**MRR (mm^3/s)**	**MRR (g/s)**
0.5	10	10	4.0688	3.3852	0.6836	200	1.26639E-06	0.003418
0.75			4.0349	3.3789	0.656	200	1.21526E-06	0.00328
1			3.9338	3.2908	0.643	200	1.19118E-06	0.003215
Non Masking			**spesimen 2**					
***Gap* (mm)**	**Konsentrasi Elektrolit (%)**	**tegangan (*volt*)**	***mo* (gr)**	***mt* (gr)**	**Dm = *mo-mt* (g)**	**Waktu (s)**	**MRR (mm^3/s)**	**MRR (g/s)**
0.5	10	10	4.0498	3.3594	0.6904	200	1.27899E-06	0.003452
0.75			3.9864	3.3113	0.6751	200	1.25065E-06	0.0033755
1			4.0879	3.4146	0.6733	200	1.24731E-06	0.0033665



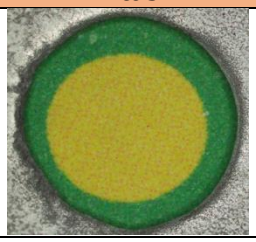
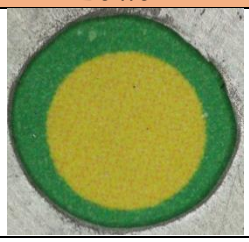
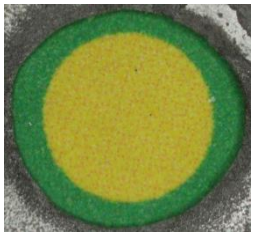
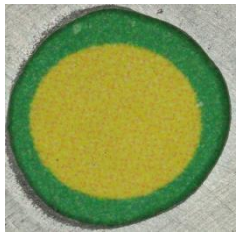
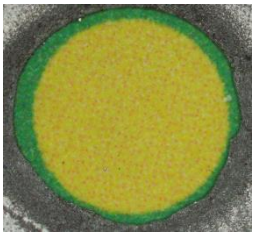
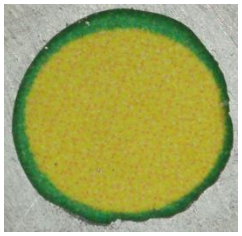
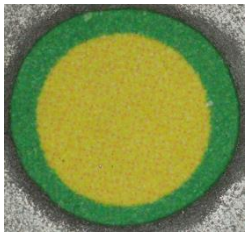
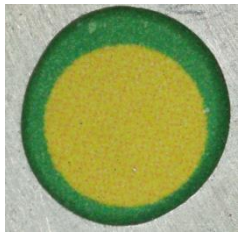
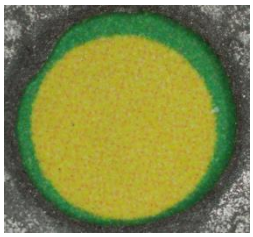
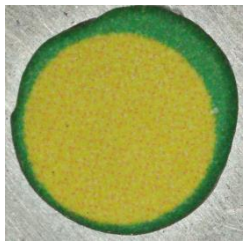
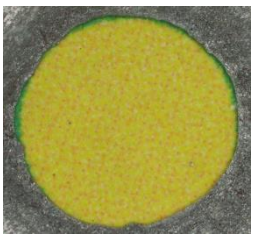
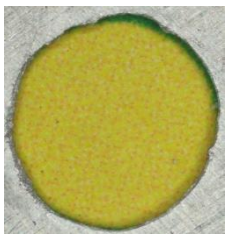
Lampiran 3

Tabel dan grafik *overcut* pada benda kerja *masking* dan *non masking*.

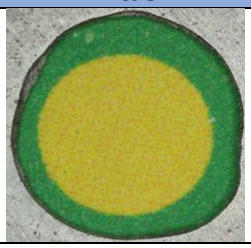
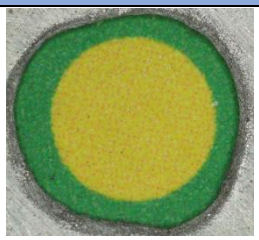
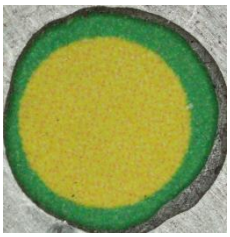
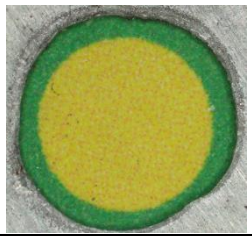
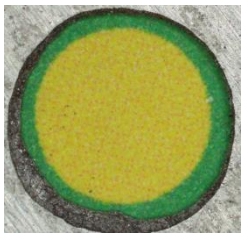
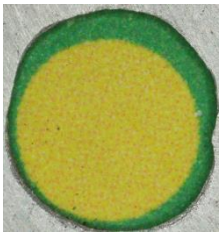
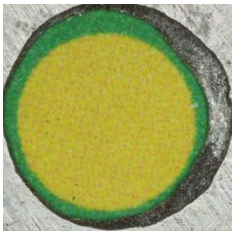
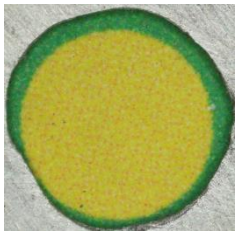
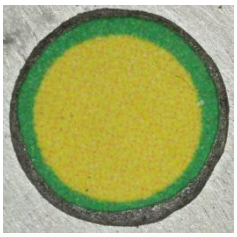
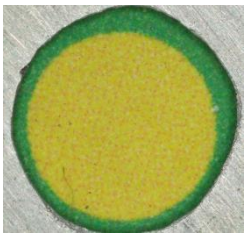
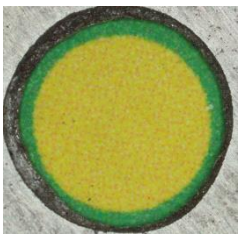
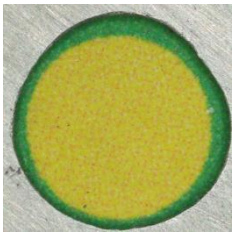
Percobaan	**Permukaan**	**Tegangan (*volt*)**	**Konsentrasi Elektrolit (%)**	***Gap* (mm)**	***Non Masking***			
					d_2 (mm)	**d_o (mm)**	***Overcut* (mm)**	**presentase**
1	Atas	10	10	0.5	7.14	5	2.14	43%
	Bawah	10	10	0.5	6.9712	5	1.9712	39%
2	Atas	10	10	0.5	7.0029	5	2.0029	40%
	Bawah	10	10	0.5	6.8891	5	1.8891	38%
1	Atas	10	10	0.75	6.2751	5	1.2751	26%
	Bawah	10	10	0.75	6.1585	5	1.1585	23%
2	Atas	10	10	0.75	6.6471	5	1.6471	33%
	Bawah	10	10	0.75	6.5211	5	1.5211	30%
1	Atas	10	10	1	5.0304	5	0.0304	1%
	Bawah	10	10	1	5.5483	5	0.5483	11%
2	Atas	10	10	1	5.323	5	0.323	6%
	Bawah	10	10	1	5.2259	5	0.2259	5%

Percobaan	**Permukaan**	**Tegangan (*volt*)**	**Konsentrasi Elektrolit (%)**	***Gap* (mm)**	***Masking***			
					d_2 (mm)	**d_o (mm)**	***Overcut* (mm)**	**presentase**
1	Atas	10	10	0.5	6.6714	5	1.6714	33%
	Bawah	10	10	0.5	6.4292	5	1.4292	29%
2	Atas	10	10	0.5	6.6409	5	1.6409	33%
	Bawah	10	10	0.5	6.4497	5	1.4497	29%
1	Atas	10	10	0.75	6.085	5	1.085	22%
	Bawah	10	10	0.75	5.9521	5	0.9521	19%
2	Atas	10	10	0.75	6.2597	5	1.2597	25%
	Bawah	10	10	0.75	6.1632	5	1.1632	23%
1	Atas	10	10	1	5.3991	5	0.3991	8%
	Bawah	10	10	1	5.3158	5	0.3158	6%
2	Atas	10	10	1	5.1211	5	0.1211	2%
	Bawah	10	10	1	5.0105	5	0.0105	0%

Hasil foto makro *overcut* benda kerja *non masking*.

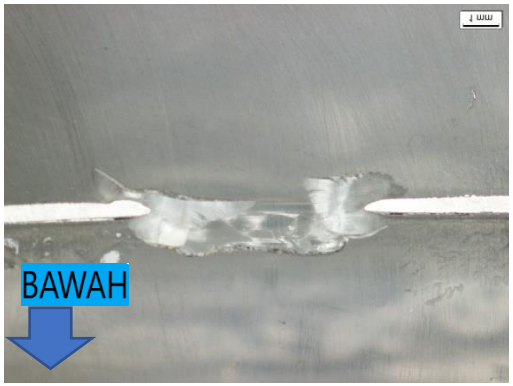
***Gap* (mm)**	**Atas**	**Bawah**
0.5		
0.5		
0.75		
0.75		
1.0		
1.0		

Hasil foto makro *overcut* benda kerja *masking*.

***Gap* (mm)**	**Atas**	**Bawah**
0.5		
0.5		
0.75		
0.75		
1.0		
1.0		

Lampiran 4

Hasil foto makro ketirusan benda kerja.

Gap (mm)	0.5	0.75	1.0
Non Masking			
Non Masking