

## DAFTAR PUSTAKA

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**LAMPIRAN**  
**TABEL DATA PENGUJIAN**

**Tabel A.1** Tabel pengujian pada kekasaran permukaan kasar

Spesimen Al5005	Beban (N)	Kekasaran permukaan	NaCl (%)	Jumlah Siklus			Rata" siklus
1	250 N	100	5 %	21.028	24.407	26.061	23.832
2	300 N			14.080	17.248	12.105	14.478
3	400 N			6.412	4.961	5.630	5.668

**Tabel A.2** Tabel pengujian fatik korosi pada kekasaran permukaan sedang

Spesimen Al5005	Beban (N)	Kekasaran permukaan	NaCl (%)	Jumlah Siklus			Rata" siklus
1	250 N	240	5 %	33.019	30.870	28.805	30.898
2	300 N			25.787	20.771	19.117	21.892
3	400 N			15.500	14.296	11.520	13.772

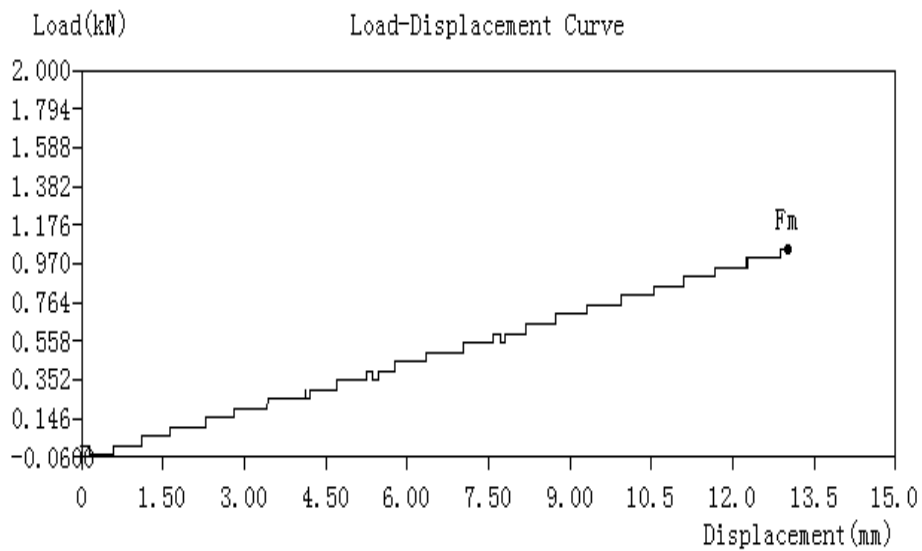
**Tabel A.3** Tabel pengujian fatik korosi pada kekasaran permukaan halus

Spesimen Al5005	Beban (N)	Kekasaran an permukaan	NaCl (%)	Jumlah Siklus			Rata" siklus
1	250 N	400	5 %	40.066	44.336	43.120	42.507
2	300 N			35.792	31.569	33.347	33.569
3	400 N			16.392	19.441	18.181	18.005

**Tabel A.4** Tabel rata – rata pengujian fatik korosi

Beban (N)	NaCl (%)	Rata rata Siklus (cpm)		
		Kekasaran permukaan kasar	Kekasaran permukaan sedang	Kekasaran permukaan halus
250 N	5%	23.832	30.898	42.507
300 N		14.478	21.892	33.569
400 N		5.668	13.772	18.005

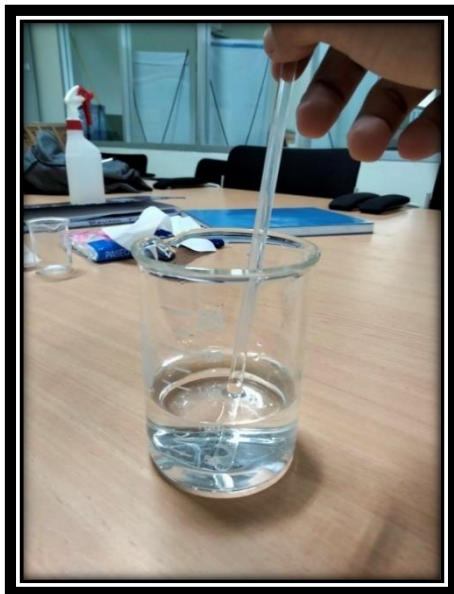
Customer	plat	TestDate	2020/12/2 星期三
Coil No/Packet No		Type	Flat
Size(mm)	3	So(mm <sup>2</sup> )	120
Lo(mm)	58	Lu(mm)	
A(%)	/	Su(mm <sup>2</sup> )	/
Z(%)	/	Fm(kN)	1.050
Rm(MPa)	9	FeH(kN)	/
ReH(MPa)	/	FeL(kN)	/
ReL(MPa)	/	Fp(kN)	/
Rp(MPa)	/	Ft(kN)	/
Rt(MPa)	/	E(GPa)	/



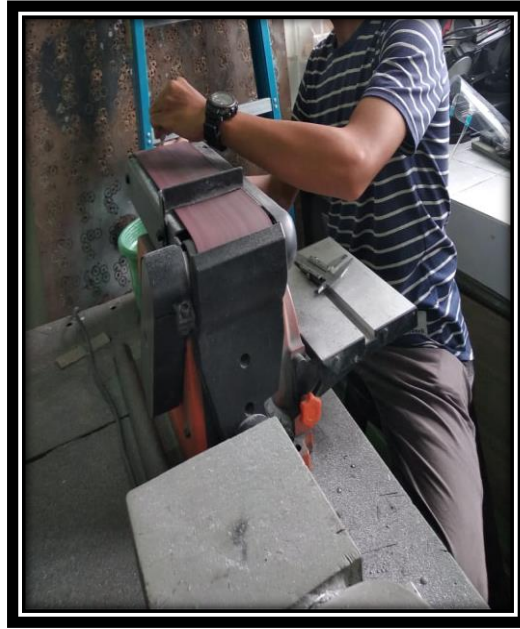
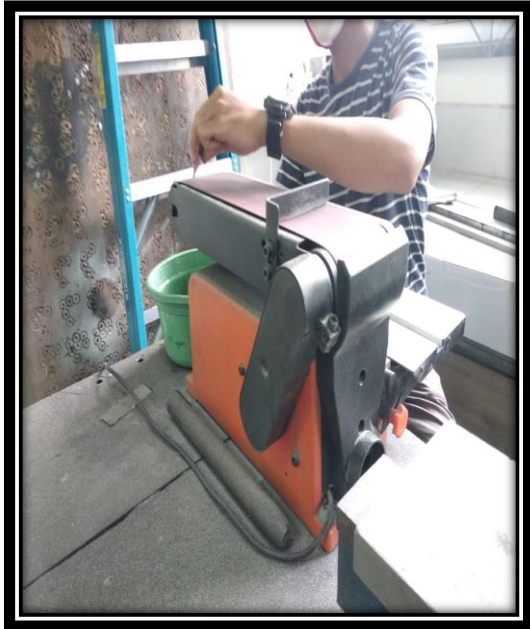
**Gambar A.1** Hasil uji tarik pegas.

## LAMPIRAN 2

### DOKUMENTASI KEGIATAN PENELITIAN



Gambar B.1 : Proses pembuatan larutan NaCl



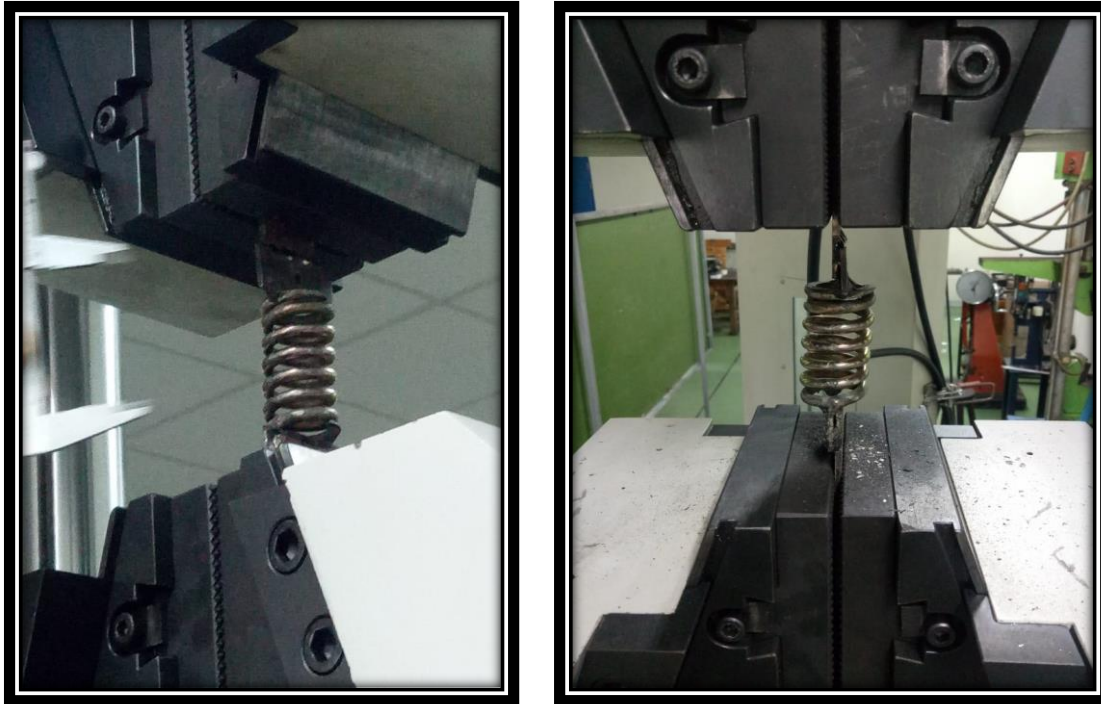
**Gambar B.2** : Proses pengamplasan spesimen



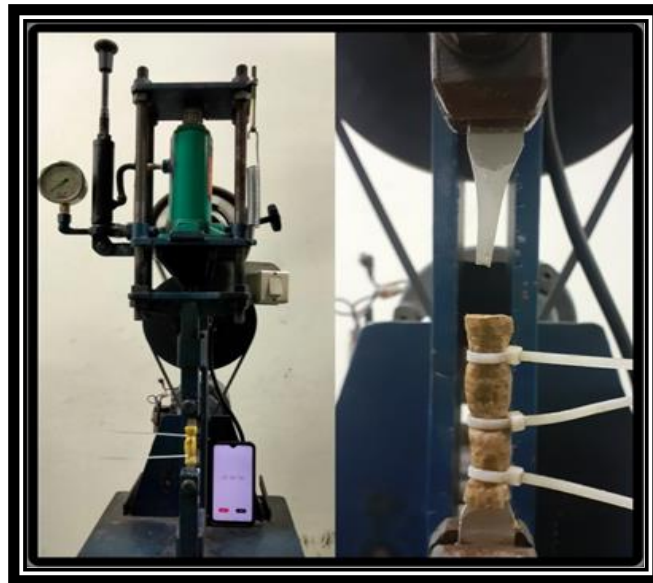
**Gambar B.3** : Spesimen uji tarik



**Gambar B.4** : Spesimen uji fatik korosi



**Gambar B.5** : Proses uji tarik pegas



**Gambar B.6** : Proses uji fatik korosi





Gambar B.7 berat spesimen sebelum terkorosi



Gambar B.8 berat spesimen setelah terkorosi

ELEMENT	% ↑	+/-	LIMIT
Al	98.60	0.351	97.00 - 99.50
Cu	1.04	0.012	0.00 - 0.20
Fe	0.18	0.009	0.00 - 0.70
Si	0.16	0.029	0.00 - 0.30
Zn	0.03	0.002	0.00 - 0.25
Ni	0.00	0.001	0.00 - 0.25

Gambar B.9 Komposisi kimia Aluminium Al5005