

LAMPIRAN



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
 FAKULTAS TEKNIK JURUSAN MESIN UNIVERSITAS BRAWIJAYA
 LABORATORIUM METROLOGI INDUSTRI
 Jl. MayjenHaryono 167 Telp. 553286 Pes. 216 Malang 65145



LAPORAN HASIL PENGUJIAN

Nama Pelanggan : Fajar Rachman Hakim
 (Name of Client)
 No. Telepon Pelanggan : +62 857-9193-6968
 (Phone Numb. Of Client)
 Nama Universitas/Institusi/Instansi : Universitas Islam Majapahit (UNIM) Mojokerto
 (Name of Unversity/Institute/Agency)
 Topik Pengujian : Pengujian Korosi
 (Topic of Testing) Autolab PGSTAT 204
 Tanggal Pengujian : 11 Juni 2021
 (Date of Testing)
 Nama Penguji : Abdul Mudjib Sulaiman Wahid
 (Name of Tester)

Baja Karbon 1

ba (V/dec) (V/dec)	bc (V/dec) (V/dec)	Ecorr, Calc (V) (V)	Ecorr, Obs (V) (V)	jcorr (A/cm ²) (A/cm ²)	icorr (A) (A)	Corrosio n rate (mm/yea r) (mm/yea r)	Polarizati on resistanc e (Ω) (Ω)	E Begin (V) (V)	E End (V) (V)	X ²	Iteration s
149	0,397	-0,72135	-0,72162	0,000283	0,000283	2,1982	606,87	-0,74432	-0,69901	2,44E-14	390

Baja Karbon 2

ba (V/dec) (V/dec)	bc (V/dec) (V/dec)	Ecorr, Calc (V) (V)	Ecorr, Obs (V) (V)	jcorr (A/cm ²) (A/cm ²)	icorr (A) (A)	Corrosio n rate (mm/yea r) (mm/yea r)	Polarizati on resistanc e (Ω) (Ω)	E Begin (V) (V)	E End (V) (V)	X ²	Iteration s
10,335	0,53423	-0,72991	-0,72924	0,000465	0,000465	3,6102	474,07	-0,74966	-0,70435	5,10E-14	426

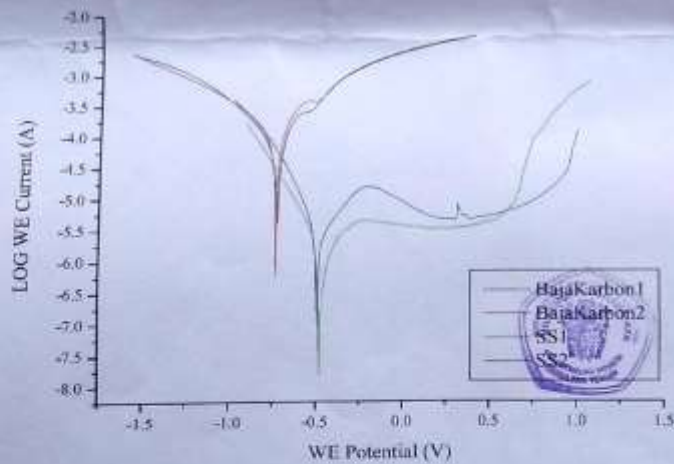


Stainless Steel 1

ba (V/dec) (V/dec)	bc (V/dec) (V/dec)	Ecorr, Calc (V) (V)	Ecorr, Obs (V) (V)	jcorr (A/cm ²) (A/cm ²)	icorr (A) (A)	Corrosio n rate (mm/yea r) (mm/yea r)	Polarizati on resistanc e (Ω) (Ω)	E Begin (V) (V)	E End (V) (V)	χ^2	Iteration s
0,020864	0,043335	-0,48068	-0,48077	1,59E-07	1,59E-07	0,001791	38473	-0,4953	-0,46509	6,11E-16	6

Stainless Steel 2

ba (V/dec) (V/dec)	bc (V/dec) (V/dec)	Ecorr, Calc (V) (V)	Ecorr, Obs (V) (V)	jcorr (A/cm ²) (A/cm ²)	icorr (A) (A)	Corrosio n rate (mm/yea r) (mm/yea r)	Polarizati on resistanc e (Ω) (Ω)	E Begin (V) (V)	E End (V) (V)	χ^2	Iteration s
0,16901	-0,54927	-0,49285	-0,49233	1,01E-05	1,01E-05	0,11385	10492	-0,51163	-0,47134	4,05E-15	120



Malang, 11 Juni 2021

Mengetahui,
 Penguji

Abdul Mudiib Sulaiman Wahid
 NIM. 185060201111007