

LAMPIRAN A

A-1 Tabel Lebar *Kerf* Lapisan Atas

Kecepatan Potong (mm/min)	Spesimen	Lebar <i>Kerf</i> Atas (mm)			Rata-rata
		1	2	3	
3000	1	1,784	1,672	1,572	1,676
	2	1,749	1,672	1,568	1,663
	3	1,754	1,638	1,533	1,642
	Rata-rata				1,660
4000	1	1,649	1,577	1,489	1,572
	2	1,659	1,503	1,359	1,507
	3	1,519	1,454	1,297	1,423
	Rata-rata				1,501
5000	1	1,449	1,359	1,254	1,354
	2	1,468	1,363	1,249	1,360
	3	1,589	1,394	1,247	1,410
	Rata-rata				1,375

A-2 Tabel Lebar *Kerf* Lapisan Bawah

Kecepatan Potong (mm/min)	Spesimen	Lebar <i>Kerf</i> Bawah (mm)			Rata-rata
		1	2	3	
3000	1	1,854	1,847	1,777	1,826
	2	1,872	1,777	1,742	1,797
	3	1,828	1,812	1,672	1,771
	Rata-rata				1,798
4000	1	1,759	1,672	1,568	1,666
	2	1,872	1,638	1,603	1,704
	3	1,833	1,672	1,533	1,679
	Rata-rata				1,683
5000	1	1,768	1,533	1,359	1,553
	2	1,702	1,568	1,307	1,526
	3	1,637	1,463	1,324	1,475
	Rata-rata				1,518

A-3 Tabel HAZ Lapisan Atas

Kecepatan Potong (mm/min)	Spesimen	HAZ Atas (μm)						Rata- rata
		1	2	3	4	5	6	
3000	1	5,494	5,447	5,393	2,517	2,288	2,375	3,919
	2	2,233	2,753	2,658	6,439	5,032	5,116	4,039
	3	3,982	3,662	3,551	7,542	7,668	7,437	5,640
	Rata-rata							4,533
4000	1	5,348	5,439	5,486	2,942	2,895	2,706	4,136
	2	5,069	4,643	4,785	2,422	2,233	2,328	3,580
	3	4,029	4,549	4,621	2,120	2,367	2,251	3,323
	Rata-rata							3,680
5000	1	4,683	4,432	4,636	1,76	1,797	1,669	3,163
	2	3,211	3,084	3,184	1,713	1,76	1,524	2,413
	3	3,447	3,688	3,701	1,855	1,902	1,744	2,723
	Rata-rata							2,766

A-4 Tabel HAZ Lapisan Bawah

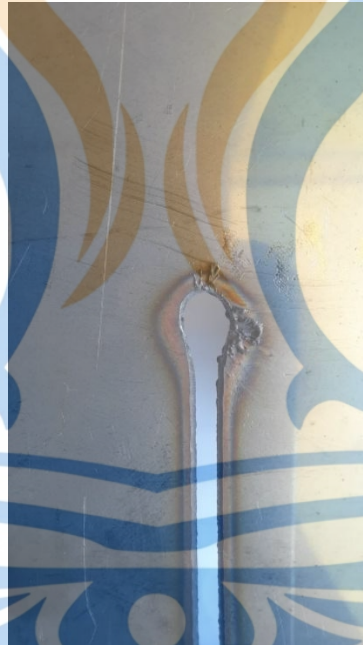
Kecepatan Potong (mm/min)	Spesimen	HAZ Bawah (μm)						Rata- rata
		1	2	3	4	5	6	
3000	1	7,81	7,779	7,904	5,966	5,777	5,872	6,851
	2	7,347	7,353	7,431	3,658	3,647	3,617	5,509
	3	7,283	7,276	7,316	3,417	3,411	3,378	5,347
	Rata-rata							5,902
4000	1	5,983	5,869	5,796	3,084	3,189	3,264	4,531
	2	4,453	4,382	4,395	3,631	3,84	3,603	4,051
	3	6,297	6,228	6,337	4,151	4,218	4,151	5,230
	Rata-rata							4,604
5000	1	1,423	1,436	1,535	3,625	3,832	3,753	2,601
	2	3,829	3,918	3,84	5,203	5,336	5,258	4,564
	3	2,895	2,989	3,225	5,277	5,169	4,633	4,031
	Rata-rata							3,732

LAMPIRAN B

B-1 Proses Potong



B-2 Proses Foto Makro



B-3 Pembuatan Molding

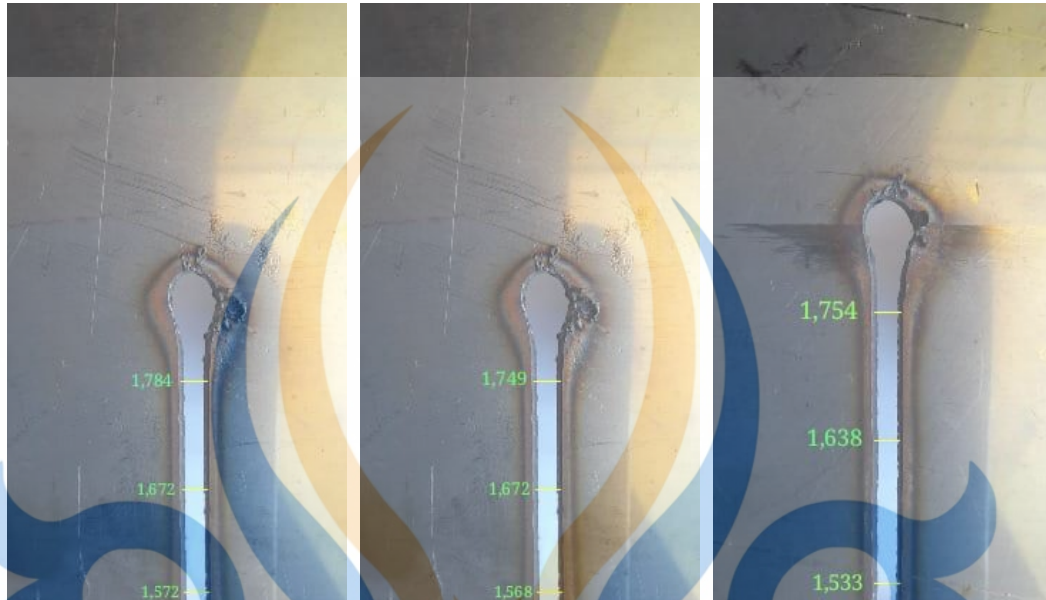


B-4 Proses Pengamplasan

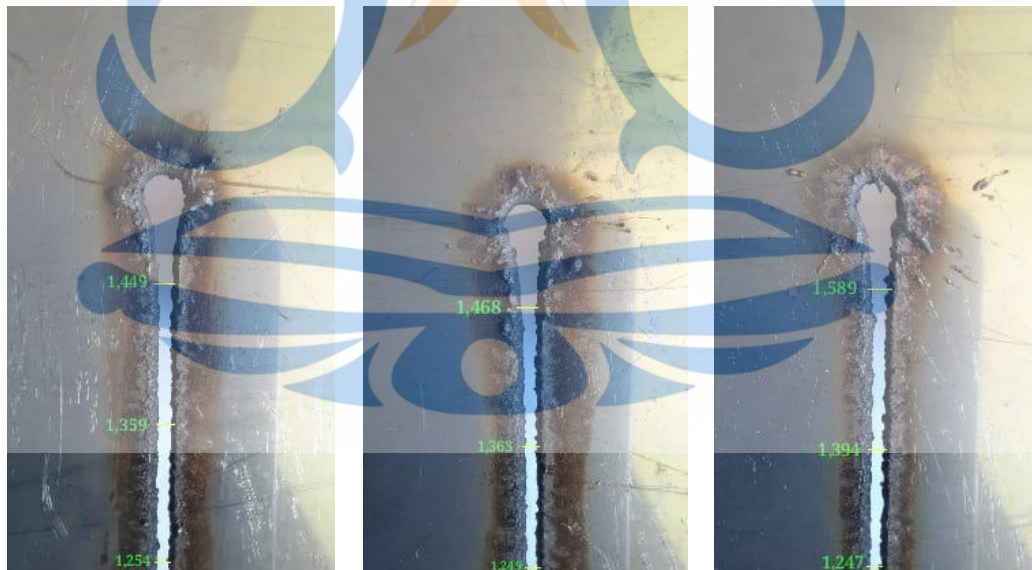


LAMPIRAN C

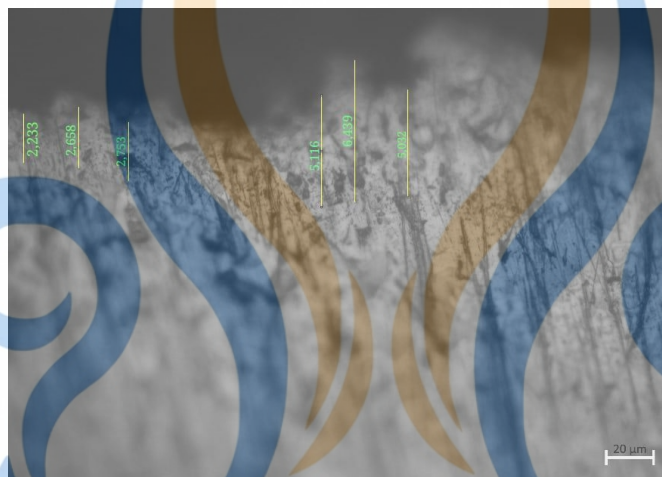
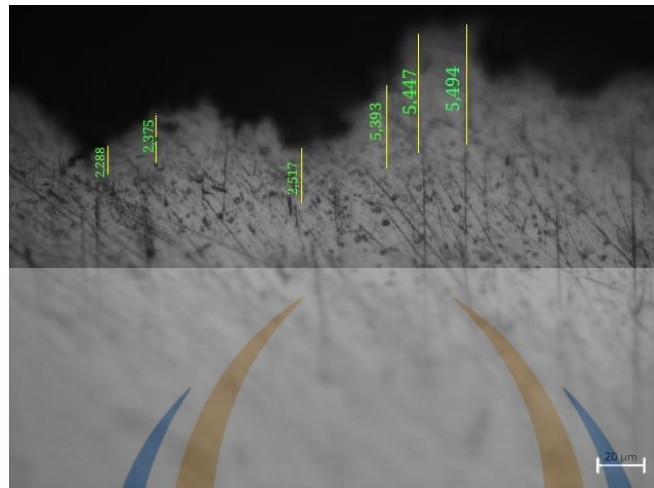
C-1 Lebar *Kerf* Lapisan Atas Kecepatan Potong 3000 mm/min



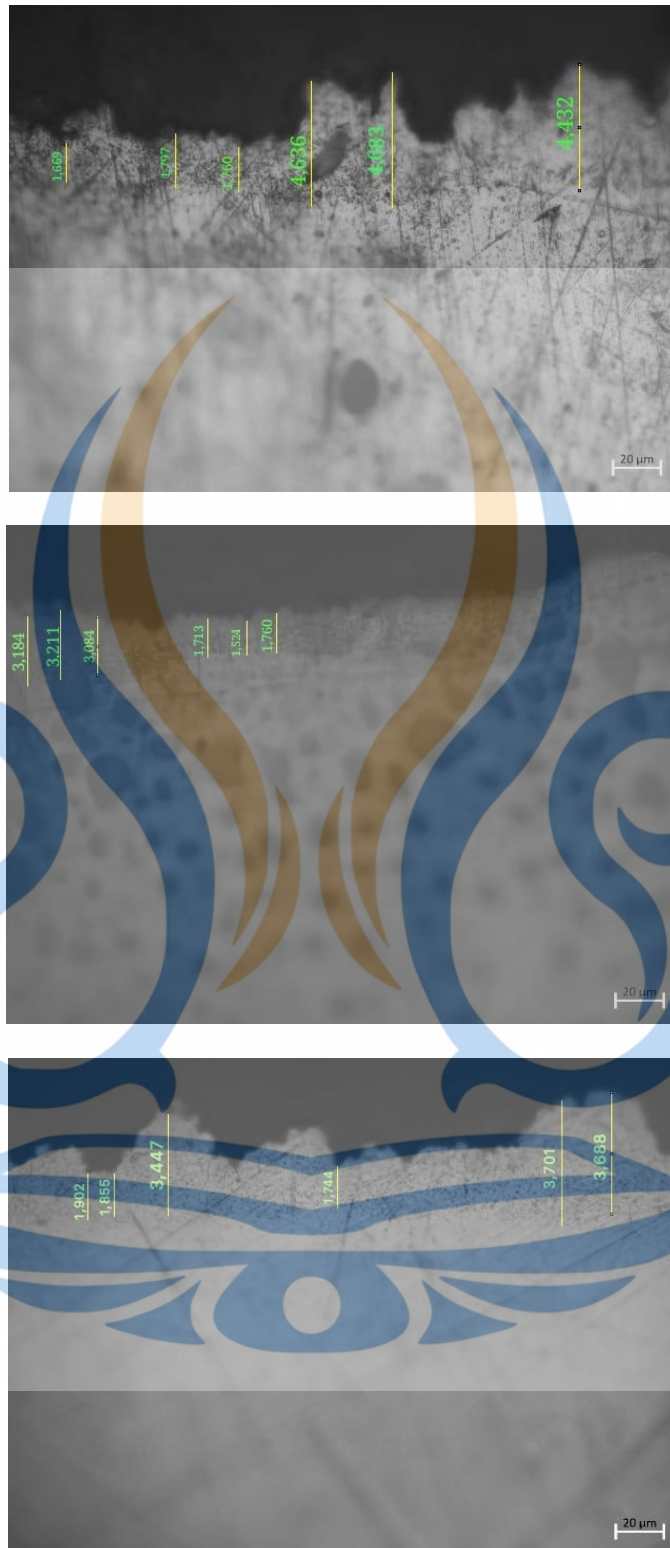
C-2 Lebar *Kerf* Lapisan Bawah Kecepatan Potong 5000 mm/min



C-4 HAZ Kecepatan Potong 3000 mm/min

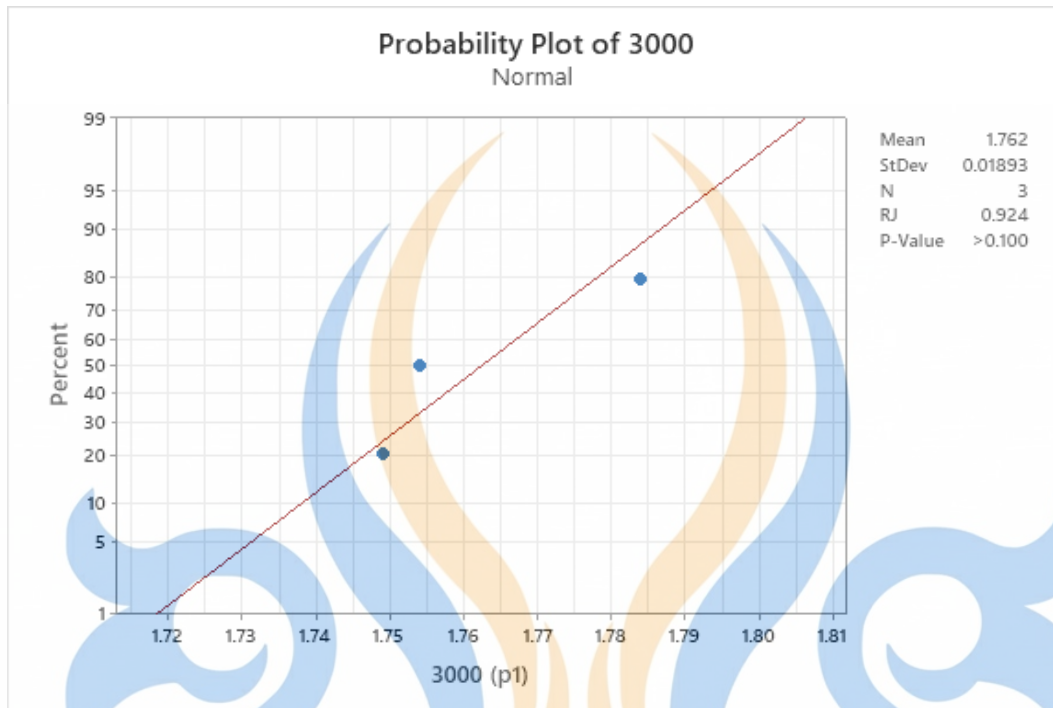


C-5 HAZ Kecepatan Potong 5000 mm/min

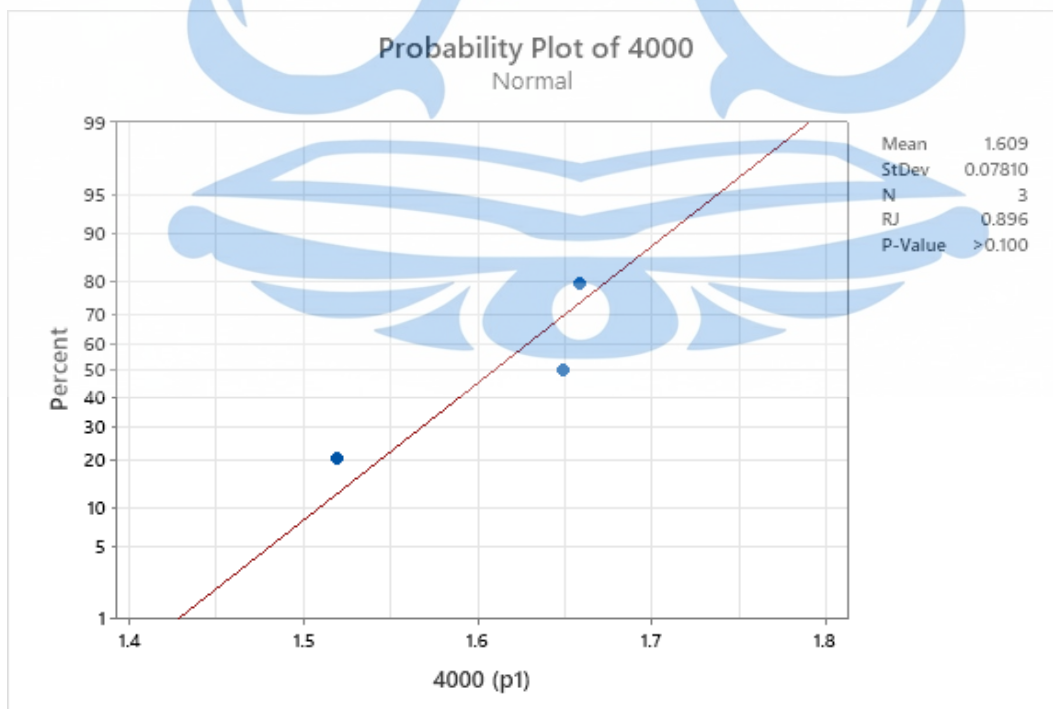


LAMPIRAN D

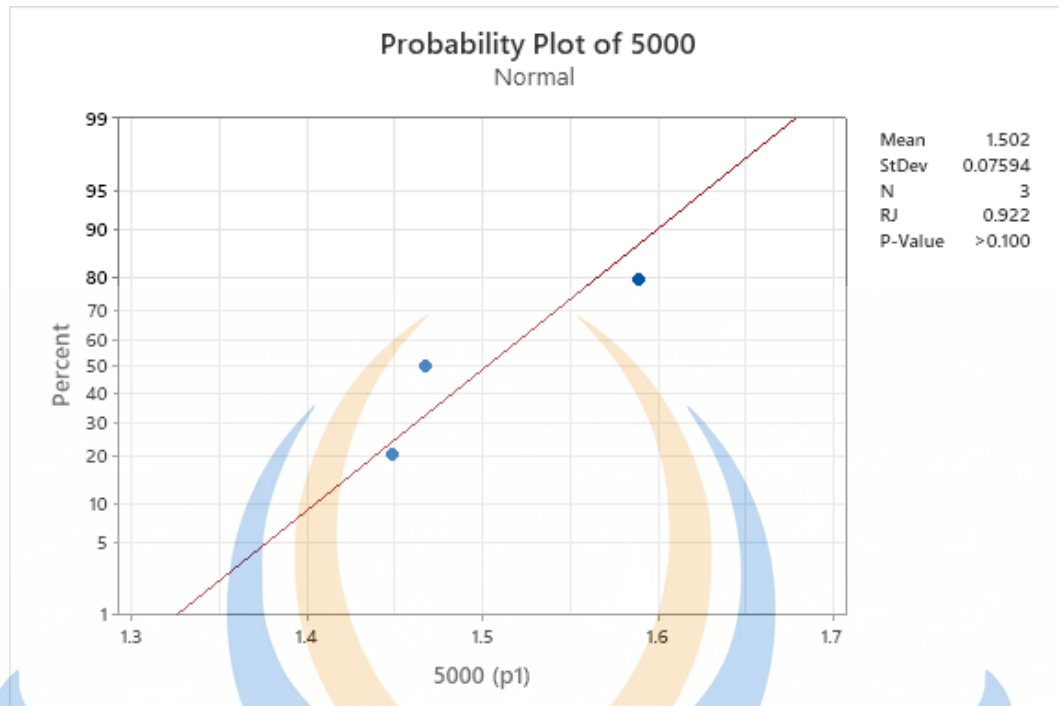
D-1 Uji Normalitas Lebar *Kerf* Kecepatan Potong 3000 mm/min



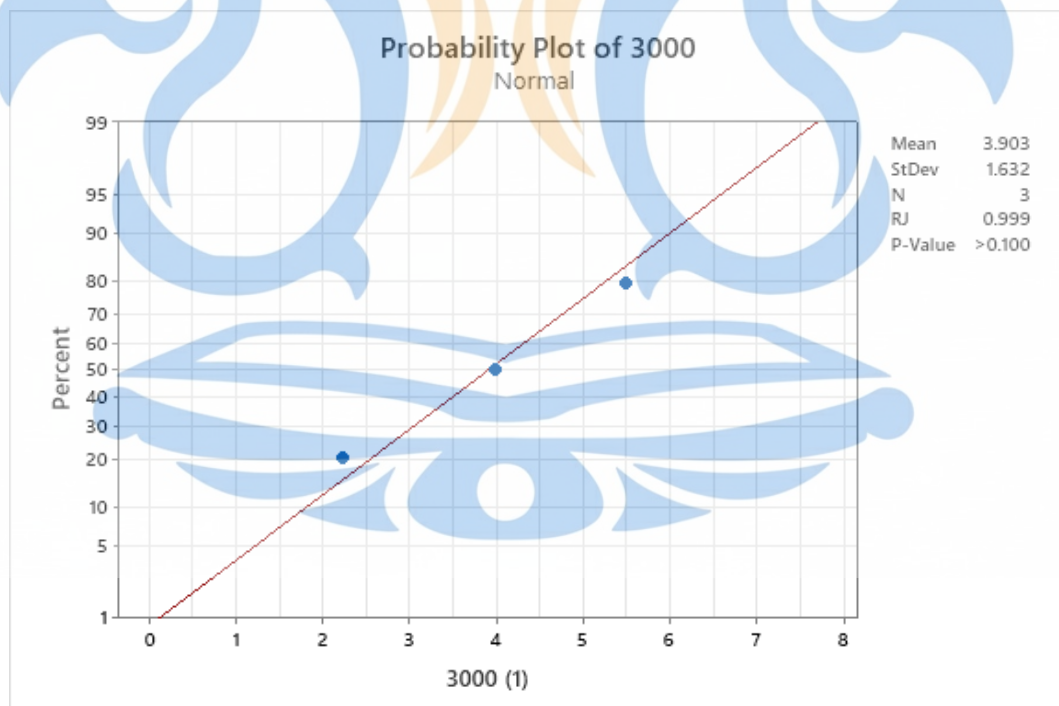
D-2 Uji Normalitas Lebar *Kerf* Kecepatan Potong 4000 mm/min



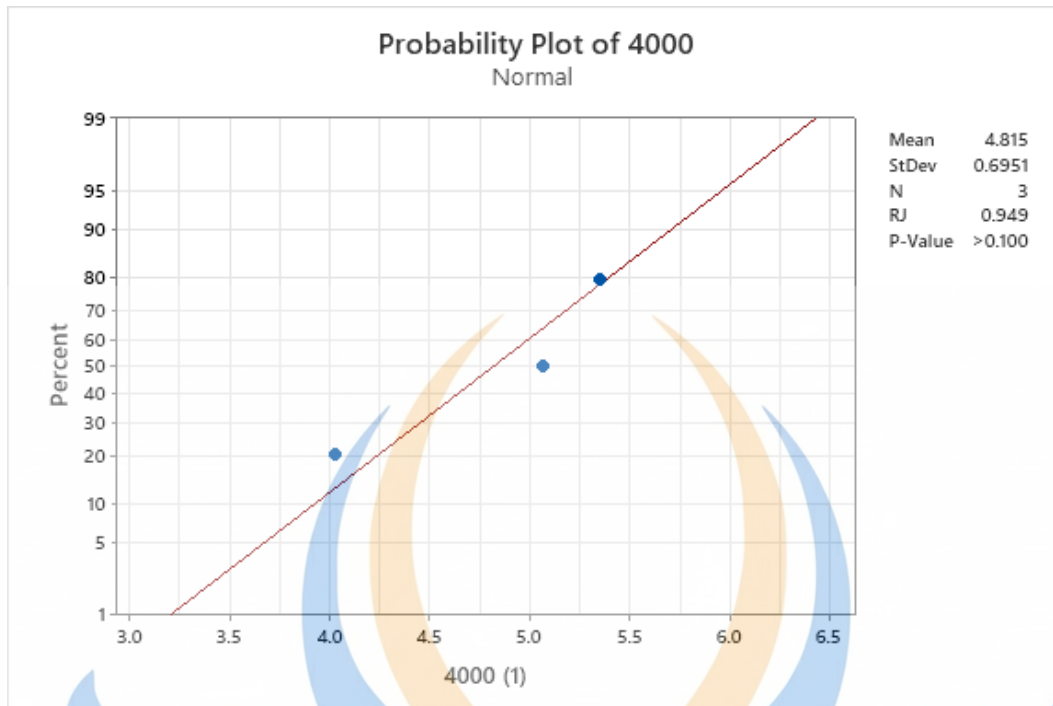
D-3 Uji Normalitas Lebar *Kerf* Kecepatan Potong 5000 mm/min



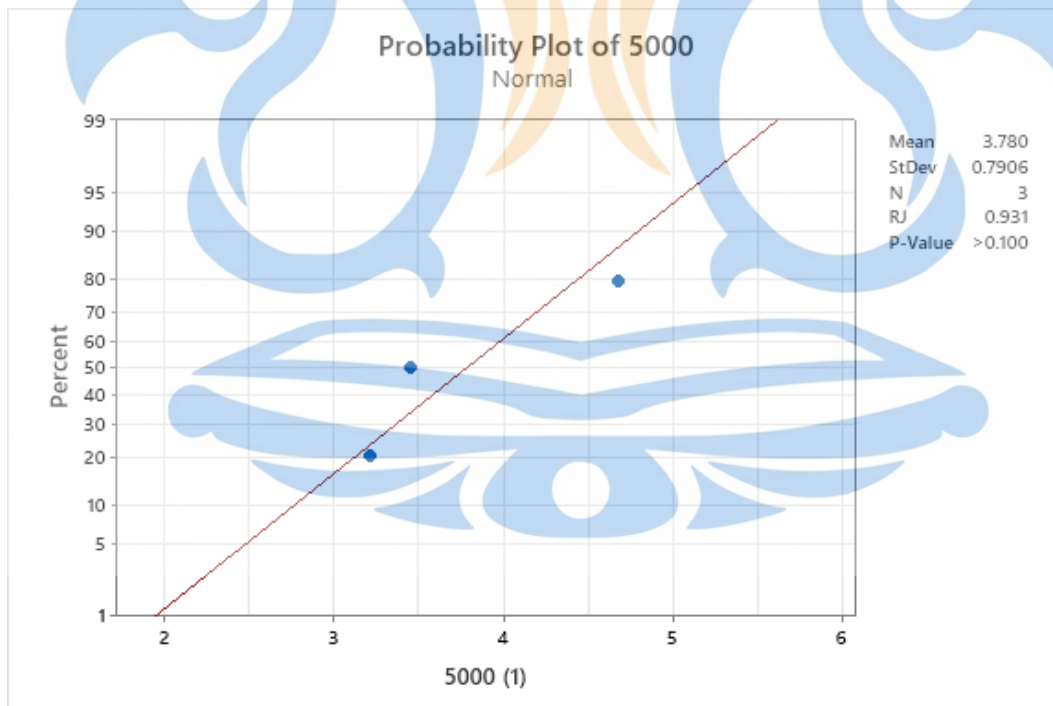
D-4 Uji Normalitas HAZ Kecepatan Potong 3000 mm/min



D-5 Uji Normalitas HAZ Kecepatan Potong 4000 mm/min

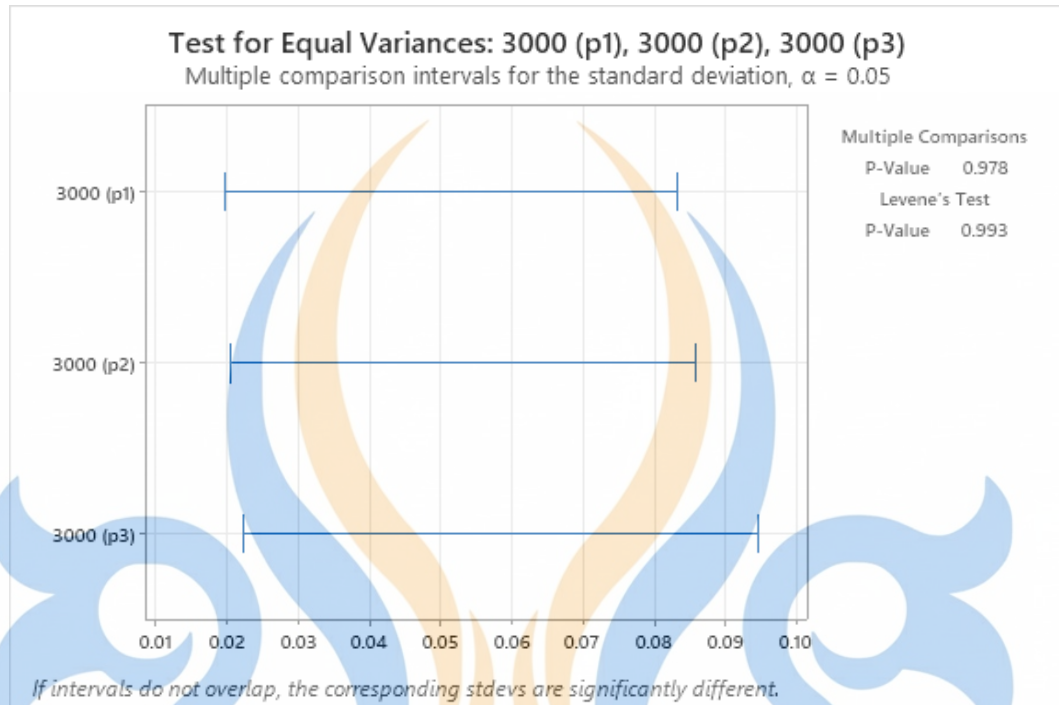


D-6 Uji Normalitas HAZ Kecepatan Potong 5000 mm/min

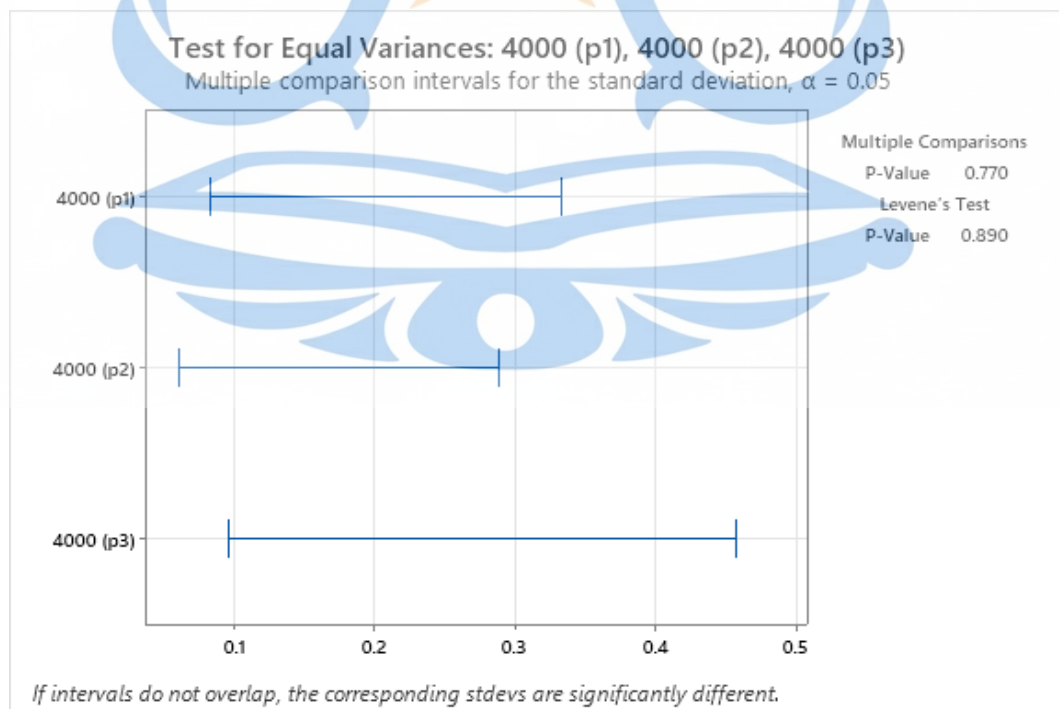


LAMPIRAN E

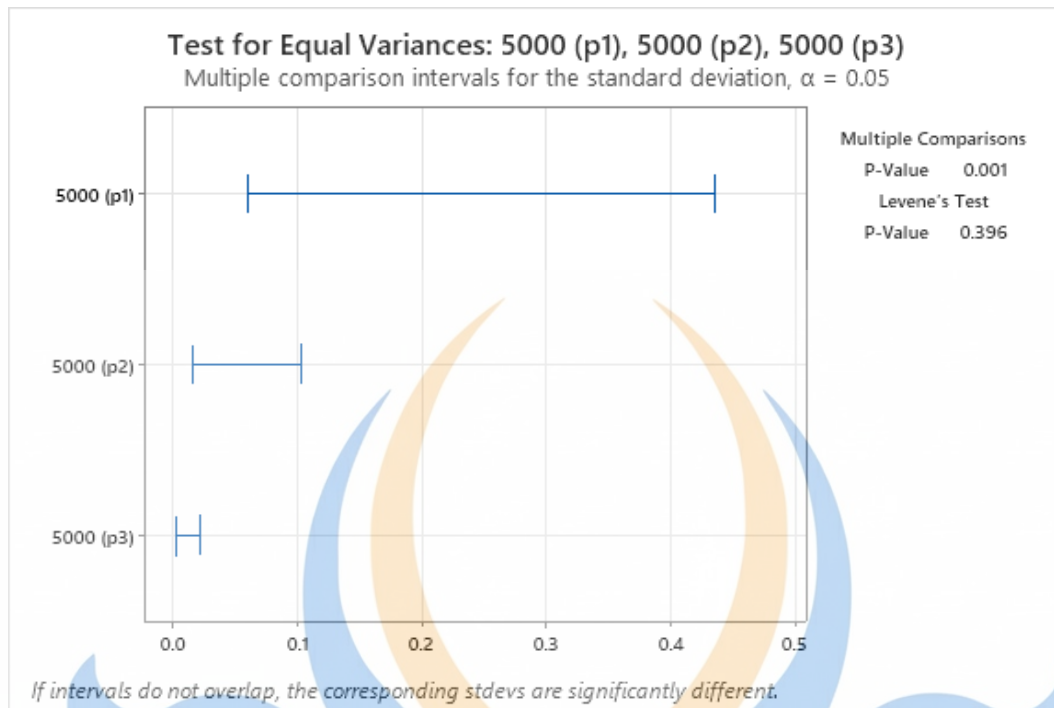
E-1 Uji Homogenitas Lebar *Kerf* Kecepatan Potong 3000 mm/min



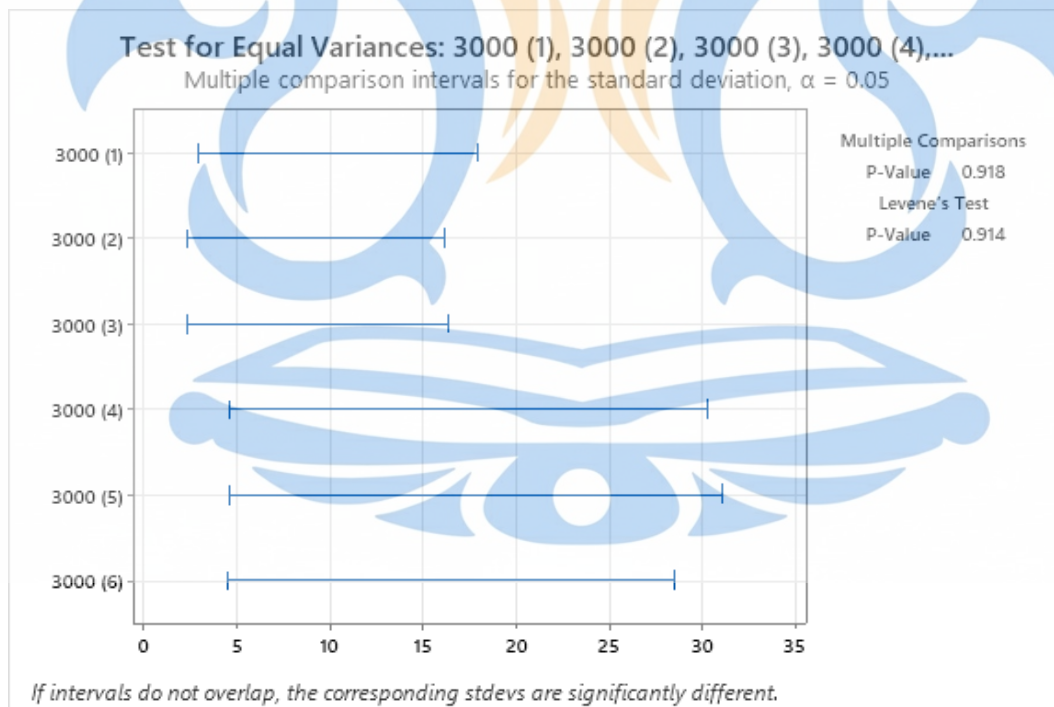
E-2 Uji Homogenitas Lebar *Kerf* Kecepatan Potong 4000 mm/min



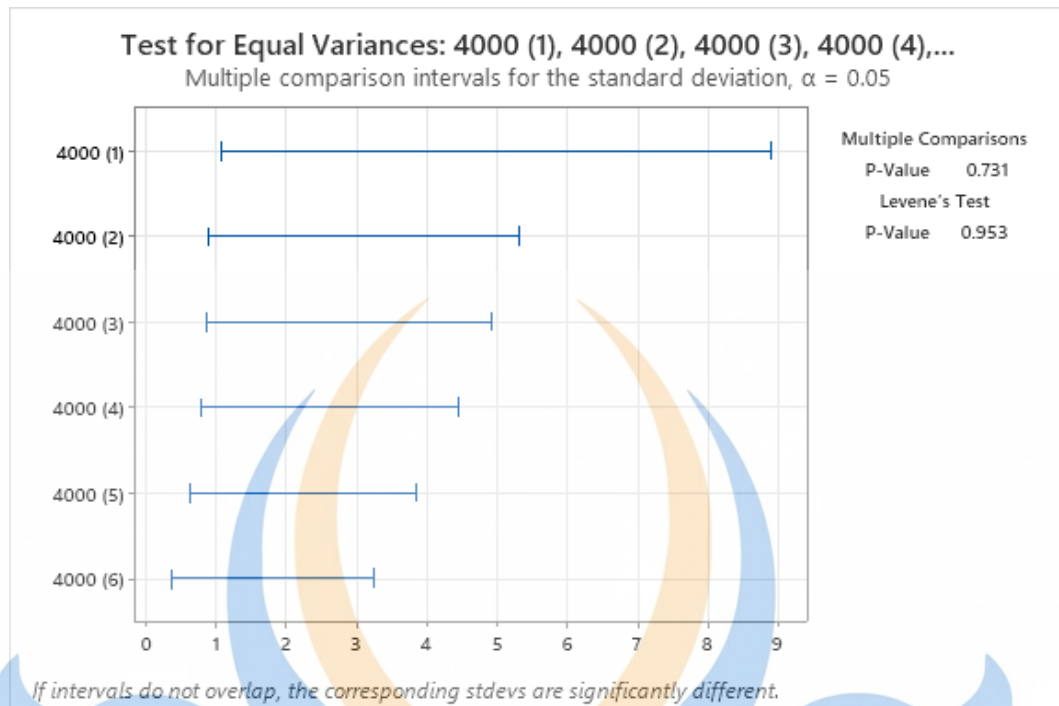
E-3 Uji Homogenitas Lebar *Kerf* Kecepatan Potong 5000 mm/min



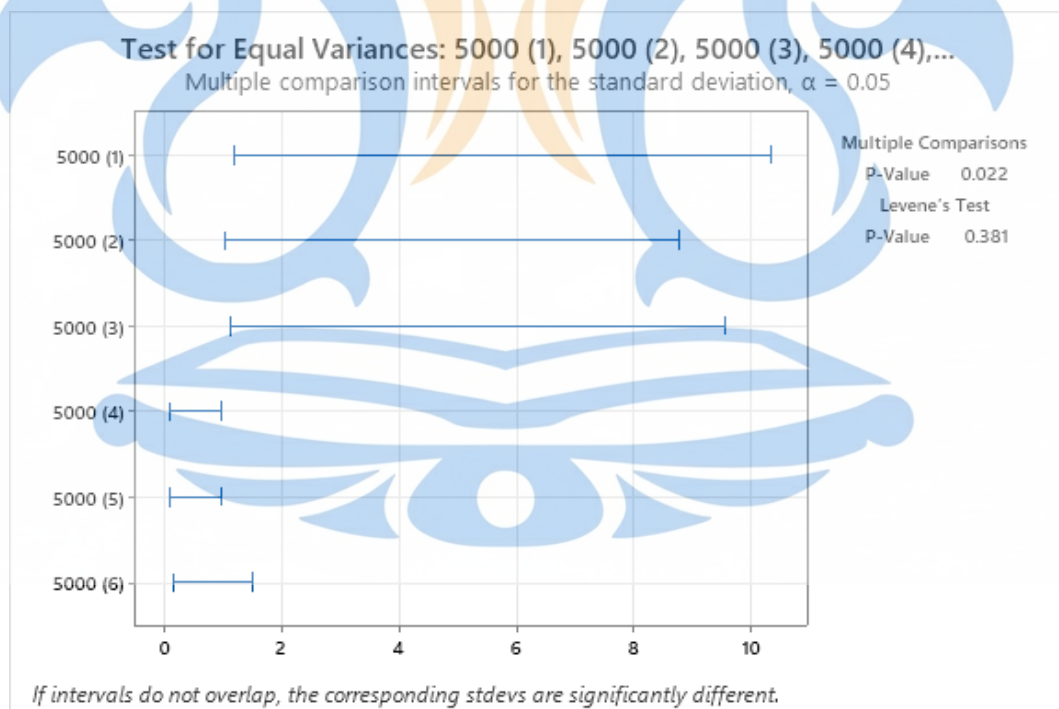
E-4 Uji Homogenitas HAZ Kecepatan Potong 3000 mm/min



E-5 Uji Homogenitas HAZ Kecepatan Potong 4000 mm/min



E-6 Uji Homogenitas HAZ Kecepatan Potong 5000 mm/min





RIWAYAT PENULIS



Samuel Alfredo Silaban, lahir di Balikpapan pada 17 September 2002. Pada tahun 2020 terdaftar sebagai mahasiswa Institut Teknologi Kalimantan (ITK) di program studi S1-Teknik Mesin. Samuel Alfredo Silaban menamatkan pendidikan sekolah dasar di SD 020 Balikpapan Utara (2008-2014), sekolah menengah pertama di SMP Negeri 11 Balikpapan (2014-2017) dan sekolah menengah atas di SMA Negeri 6 Balikpapan (2017-2020). Semasa menjadi mahasiswa mahasiswa ITK, Samuel Alfredo Silaban telah menyelesaikan penelitian yang berjudul “Analisis Pengaruh Variasi Kecepatan Potong Terhadap Lebar *Kerf* dan HAZ Pada Pemotongan Berlapis *Stainless Steel* 304 Menggunakan CNC *Plasma Cutting*” dibawah bimbingan Bapak Faisal Manta, S.T., M.T. dan Bapak Yongki Christandi Batubara, S.T., M.Eng.