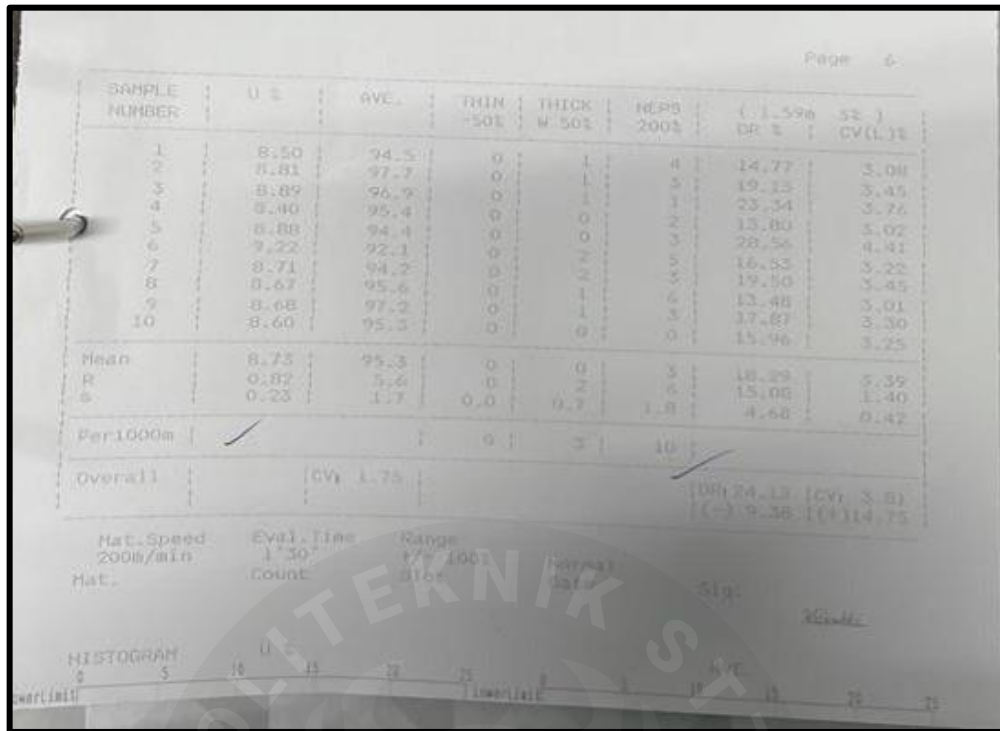
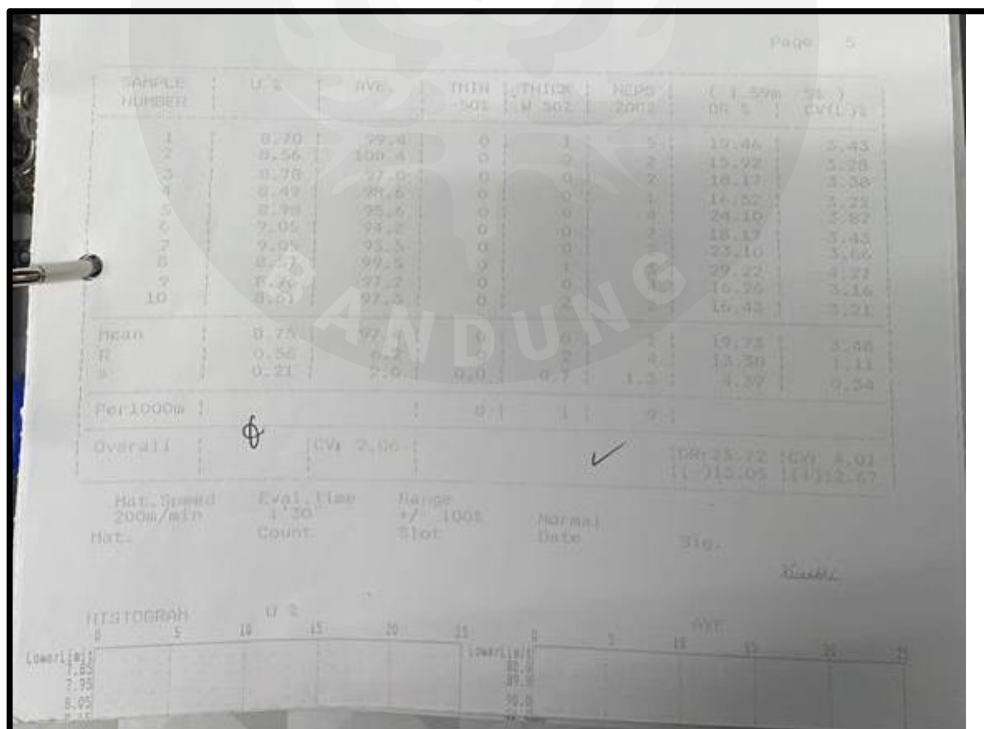


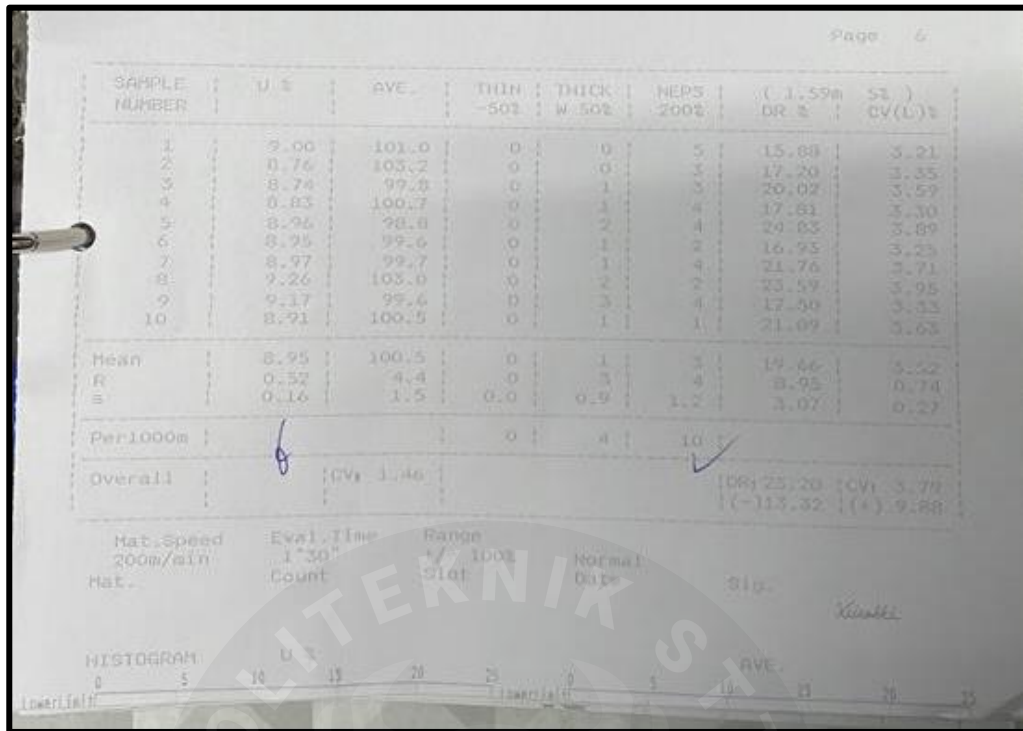
Hasil Pengujian Perlakuan 1



Hasil Pengujian Perlakuan 2



Hasil Pengujian Perlakuan 3



LAMPIRAN II

Hasil Uji Test Normality

Case Processing Summary							
	Perlakuan	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Ketidakrataan	Perlakuan 1	10	100,0%	0	0,0%	10	100,0%
	Perlakuan 2	10	100,0%	0	0,0%	10	100,0%
	Perlakuan 3	10	100,0%	0	0,0%	10	100,0%

Descriptives					
	Perlakuan	Statistic	Std. Error		
Ketidakrataan	Perlakuan 1	Mean	8,6650	,09592	
		95% Confidence Interval for Mean	Lower Bound	8,4480	
			Upper Bound	8,8820	
		5% Trimmed Mean	8,6656		
		Median	8,6750		
		Variance	,092		
		Std. Deviation	,30332		
		Minimum	8,10		
		Maximum	9,22		
		Range	1,12		
		Interquartile Range	,41		
		Skewness	-,057	,687	
		Kurtosis	1,002	1,334	
	Perlakuan 2	Mean	8,7550	,06598	
		95% Confidence Interval for Mean	Lower Bound	8,6057	
			Upper Bound	8,9043	
		5% Trimmed Mean	8,7533		
		Median	8,7300		
		Variance	,044		
		Std. Deviation	,20866		
		Minimum	8,49		
		Maximum	9,05		
		Range	,56		
		Interquartile Range	,43		
		Skewness	,416	,687	
Kurtosis	-1,379	1,334			
Perlakuan 3	Mean	8,9550	,05201		

Lanjutan Hasil Uji Test Normality

		Perlakuan		Statistic	Std. Error
Ketidakrataan	Perlakuan 3	95% Confidence Interval for Mean	Lower Bound	8,8373	
			Upper Bound	9,0727	
		5% Trimmed Mean		8,9500	
		Median		8,9550	
		Variance		,027	
		Std. Deviation		,16447	
		Minimum		8,74	
		Maximum		9,26	
		Range		,52	
		Interquartile Range		,23	
		Skewness		,593	,687
		Kurtosis		,023	1,334

Tests of Normality							
	Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Ketidakrataan	Perlakuan 1	,141	10	,200*	,976	10	,942
	Perlakuan 2	,160	10	,200*	,899	10	,215
	Perlakuan 3	,192	10	,200*	,936	10	,512

*. This is a lower bound of the true significance.
a. Lilliefors Significance Correction

Hasil Uji Test Homogeneity

Descriptives										
		N	Mean	Std. Dev	Std. Error	95% Confidence Interval for Mean		Min	Max	Between-Component Variance
						Lower Bound	Upper Bound			
Ketidakrataan	Perlakuan 1 (53-73)	10	8,6650	,30332	,09592	8,4480	8,8820	8,10	9,22	
	Perlakuan 2 (52-72)	10	8,7550	,20866	,06598	8,6057	8,9043	8,49	9,05	
	Perlakuan 3 (51-71)	10	8,9550	,16447	,05201	8,8373	9,0727	8,74	9,26	
	Total	30	8,7917	,25623	,04678	8,6960	8,8873	8,10	9,26	

Tests of Homogeneity of Variances					
		<i>Levene Statistic</i>	<i>df1</i>	<i>df2</i>	<i>Sig.</i>
Ketidakrataan	<i>Based on Mean</i>	1,033	2	27	,370
	<i>Based on Median</i>	,993	2	27	,384
	<i>Based on Median and with adjusted df</i>	,993	2	19,092	,389
	<i>Based on trimmed mean</i>	1,030	2	27	,371

Hasil Uji Test Anova Satu Arah

ANOVA						
		<i>Sum of Squares</i>	<i>df</i>	<i>Mean Square</i>	<i>F</i>	<i>Sig.</i>
Ketidakrataan	<i>Between Groups</i>	,441	2	,220	4,065	,029
	<i>Within Groups</i>	1,463	27	,054		
	<i>Total</i>	1,904	29			


Hasil Uji Test S-N-K

Ketidakrataan			
<i>Student-Newman-Keuls^a</i>			
Perlakuan	N	<i>Subset for alpha = 0.05</i>	
		1	2
Perlakuan 1 (53-73)	10	8,6650	
Perlakuan 2 (52-72)	10	8,7550	8,7550
Perlakuan 3 (51-71)	10		8,9550
Sig.		,395	,065
<i>Means for groups in homogeneous subsets are displayed.</i>			
<i>a. Uses Harmonic Mean Sample Size = 10,000.</i>			

LAMPIRAN III

Hasil Pengecekan *Grain*

SPINNING YARN WEIGHT (GRAIN) CHECK

Tanggal : 04-11-2022 Standart : 34
 No. LOT : TFMO 1/34 Pemeriksa : 
 No. M/C : 9

No.	R - SIDE COP	L - SIDE COP
1.	2-89	2-96
2.	2-95	2-92
3.	2-89	2-91
4.	2-92	2-93
5.	2-93	2-86
6.		
7.		
8.		
9.		
10.		
TOTAL	14.58	14.61
RATA2	2-916	2-922
No. BNG	34.29	34.22

1/34.26

Hasil Pengecekan *Spindle RPM*

SPINDLE R.P.M

Tin Pulley Dia = $\phi 200$ Spindle Wharve = $\phi 25$
 D_1 - Motor Pulley Dia D_2 = Driving Pulley Dia L = Length of Belt

$$\text{Spindle R.P.M} = 1450 \times \frac{200 \times D_1 \times 96}{25 \times D_2 \times 100} = 11136 \times \frac{250}{230} = 12104$$

Spindle R.P.M = 6500 ~ 12000 R.P.M

Hasil Pengecekan *Break Draft*

Break Draft

$$\text{Break Draft} = (30+12) \times \frac{\pi \times 33}{35} \times \frac{1}{30 \times 2} = 1.129$$

Hasil Pengecekan Twist Permeter

TWIST/METER

(A) Twist Change Pinion 20^T ~ 50^T
 (B) Twist Change Wheel 33^T ~ 55^T
 70^T ~ 96^T
 (C) Twist Const

$$\frac{36 \times 65 \times B \times 200 \times 1000 \times 96}{16 \times 47 \times 35 \times 71 \times 25 \times 100} = 217,4 \times B$$

Twist Meter = C/A

	33	35	70	96
A/C	7174	11957	15218	20870
58	123	206	262	
57	125	207	266	
56	128	213	271	
55	130	217	276	
54	132	221	281	
53	135	225	287	
52	137	227	292	
51	140	234	298	
50	143	239	304	
49	146	244	310	
48	149	249	317	
47	152	254	323	
46	155	259	330	
45	159	265	338	
44	163	271	345	
43	166	278	353	
42	170	284	362	
41	174	291	371	
40	179	298	380	
39	183	305	390	533
38	188	314	400	541
37	193	323	411	561
36	199	332	422	579
35	204	341	434	596
34	211	351	447	613
33	217	362	461	632
32	224	373	475	652
31	231	385	490	673
30	239	398	507	695
29	247	412	524	717
28	256	427	543	741
27	265	442	563	767
26	275	457	583	802
25	286	473	608	837
24	298	493	634	867
23	311	519	661	907
22	326	547	691	948
21	341	569	724	993
20	358	597	760	1043

Hasil Pengecekan Total Draft

TOTAL DRAFT

(a) Draft Change Pinion 20^T, 24^T, 27^T, 32^T
 (b) Draft Change Wheel 33^T ~ 63^T
 (c) Draft Const

$$\frac{68 \times 62 \times 38 \times 35}{28 \times 20 \times 4 \times 35 \times 30} = 9,536/a$$

Total Draft = C × b

	20	24	27	32		20	24	27	32
a/c	0.477	0.397	0.353	0.298	b/c	0.477	0.397	0.353	0.298
33	15,24	13,10	11,65	9,84	49	23,37	19,45	19,30	14,60
34	16,22	13,50	12,00	10,13	50	23,85	19,85	19,65	14,90
35	16,70	13,90	12,36	10,43	51	24,33	20,25	19,90	15,20
36	17,17	14,29	12,71	10,73	52	24,80	20,64	19,36	15,50
37	17,65	14,70	13,06	11,03	53	25,28	21,04	19,71	15,79
38	18,13	15,09	13,41	11,32	54	25,76	21,44	19,06	16,09
39	18,60	15,48	13,77	11,62	55	26,24	21,84	19,42	16,39
40	19,08	15,88	14,12	11,92	56	26,71	22,23	19,77	16,69
41	19,56	16,28	14,47	12,22	57	27,19	22,63	20,12	16,99
42	20,03	16,67	14,83	12,52	58	27,67	23,03	20,47	17,28
43	20,51	17,07	15,18	12,81	59	28,14	23,42	20,83	17,58
44	20,99	17,47	15,53	13,11	60	28,62	23,82	21,18	17,88
45	21,47	17,87	15,89	13,41	61	29,10	24,22	21,53	18,18
46	21,94	18,26	16,24	13,71	62	29,57	24,61	21,89	18,48
47	22,42	18,66	16,59	14,01	63	30,05	25,01	22,24	18,77
48	22,90	19,06	16,94	14,30					

Gearing Diagram Suzuki NC-80

