

LAMPIRAN

Lampiran 1 Berat benang pada skala *off limit stop* rol wax/lilin

No	Berat Benang (g/120 yard)	$(x_1 - \bar{x})^2$
1	2,126	0
2	2,118	0,000064
3	2,112	0,000196
4	2,135	0,000081
5	2,138	0,000144
Σ	10,629	0,000485
\bar{x}	2,126	0,000097
Error	0,05	

$$SD = \sqrt{\frac{\sum(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,000485}{5-1}}$$

$$= \sqrt{\frac{0,000485}{4}}$$

$$= 0,011$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,011}{2,126} \times 100\%$$

$$= 0,52 \%$$

Lampiran 2 Berat benang pada skala 1 *limit stop* rol wax/lilin

No	Berat Benang (g/120 yard)	$(x_1 - \bar{x})^2$
1	2,154	0,000016
2	2,156	0,000004
3	2,160	0,000004
4	2,161	0,000009
5	2,162	0,000016
Σ	10,793	0,000049
\bar{x}	2,158	0,0000098
Error	0.001	

$$SD = \sqrt{\frac{\sum(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,000049}{5-1}}$$

$$= \sqrt{\frac{0,000049}{4}}$$

$$= 0,0035$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,0035}{2,158} \times 100\%$$

$$= 0,16 \%$$

Lampiran 3 Berat benang pada skala 2 *limit stop* rol wax/lilin

No	Berat Benang (g/120 yard)	$(x_1 - \bar{x})^2$
1	2,163	0,000009
2	2,164	0,000004
3	2,164	0,000004
4	2,164	0,000004
5	2,174	0,000064
Σ	10,829	0,000085
\bar{x}	2,166	0,000017
Error	0,002	

$$SD = \sqrt{\frac{\sum(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,000085}{5-1}}$$

$$= \sqrt{\frac{0,000085}{4}}$$

$$= 0,0046$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,0046}{2,166} \times 100\%$$

$$= 0,21 \%$$

Lampiran 4 Berat benang pada skala 3 *limit stop* rol wax/lilin

No	Berat Benang (g/120 yard)	$(x_1 - \bar{x})^2$
1	2,207	0,000009
2	2,230	0,000676
3	2,197	0,000049
4	2,196	0,000064
5	2,189	0,000225
Σ	11,019	0,001023
\bar{x}	2,204	0,000204
Error	0,035	

$$SD = \sqrt{\frac{\sum(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,001023}{5-1}}$$

$$= \sqrt{\frac{0,001023}{4}}$$

$$= 0,016$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,016}{2,204} \times 100\%$$

$$= 0,73 \%$$

Lampiran 5 Data nilai *hairiness* pada skala *off limit stop rol wax/lilin*

No	Nilai h	$(x_1 - \bar{x})^2$
1	6,55	0,0256
2	6,44	0,0025
3	6,44	0,0025
4	6,32	0,0049
5	6,21	0,0324
Σ	31,96	0,0679
\bar{x}	6,39	0,013
Error	0,26	

$$SD = \sqrt{\frac{\Sigma(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,0679}{5-1}}$$

$$= \sqrt{\frac{0,0679}{4}}$$

$$= 0,116$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,116}{6,39} \times 100\%$$

$$= 1,82 \%$$

Lampiran 6 Data nilai *hairiness* pada skala 1 *limit stop* rol wax/lilin

No	Nilai h	$(x_1 - \bar{x})^2$
1	6,15	0,0049
2	6,05	0,0009
3	6,18	0,01
4	6,04	0,0016
5	5,98	0,01
Σ	30,4	0,0274
\bar{x}	6,08	0,0055
Error	0,033	

$$SD = \sqrt{\frac{\sum(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,0274}{5-1}}$$

$$= \sqrt{\frac{0,0274}{4}}$$

$$= 0,074$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,074}{6,08} \times 100\%$$

$$= 1,22 \%$$

Lampiran 7 Data nilai *hairiness* pada skala 2 *limit stop* rol wax/lilin

No	Nilai h	$(x_1 - \bar{x})^2$
1	6,14	0,0064
2	6,10	0,0016
3	6,26	0,04
4	5,93	0,0169
5	5,89	0,0289
Σ	30,32	0,0938
\bar{x}	6,06	0,019
Error	0,06	

$$SD = \sqrt{\frac{\sum(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,0938}{5-1}}$$

$$= \sqrt{\frac{0,0938}{4}}$$

$$= 0,137$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,137}{6,06} \times 100\%$$

$$= 2,26 \%$$

Lampiran 8 Data nilai *hairiness* pada skala 3 *limit stop* rol wax/lilin

No	Nilai h	$(x_1 - \bar{x})^2$
1	5,93	0,0001
2	5,88	0,0036
3	6,05	0,0121
4	5,96	0,0004
5	5,89	0,0025
Σ	29,71	0,0187
\bar{x}	5,94	0,0037
Error	0,027	

$$SD = \sqrt{\frac{\Sigma(x_1 - \bar{x})^2}{n-1}}$$

$$= \sqrt{\frac{0,0187}{5-1}}$$

$$= \sqrt{\frac{0,0187}{4}}$$

$$= 0,061$$

$$CV = \frac{SD}{\bar{x}} \times 100\%$$

$$= \frac{0,061}{5,94} \times 100\%$$

$$= 1,03 \%$$