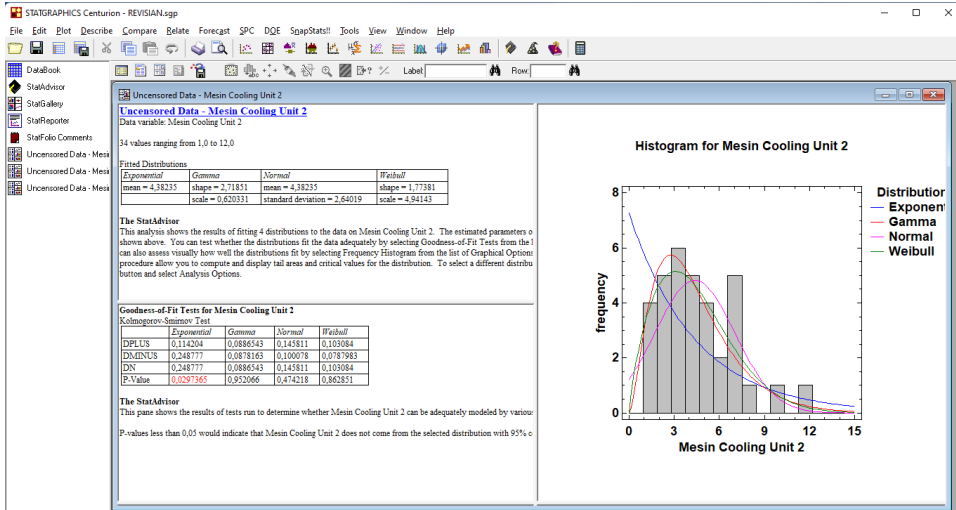
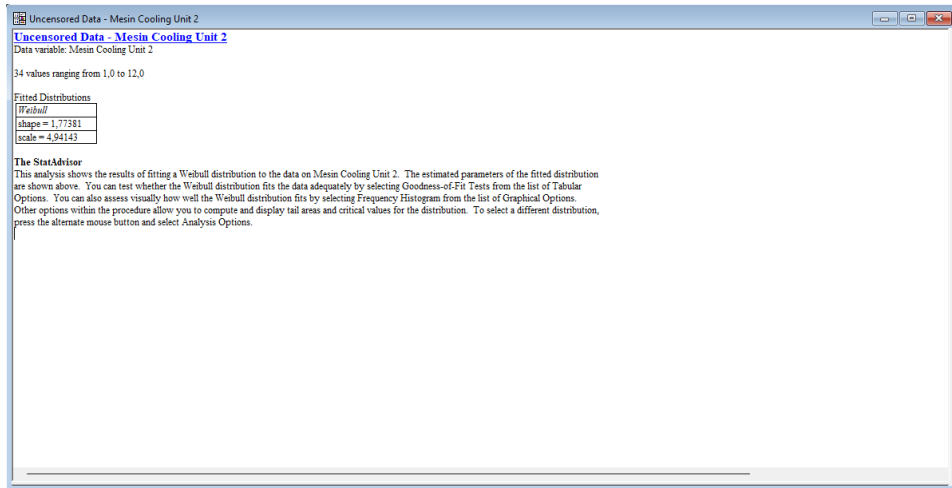


# LAMPIRAN





Uncensored Data - Mesin Cooling Unit 2

**Uncensored Data - Mesin Cooling Unit 2**  
Data variable: Mesin Cooling Unit 2

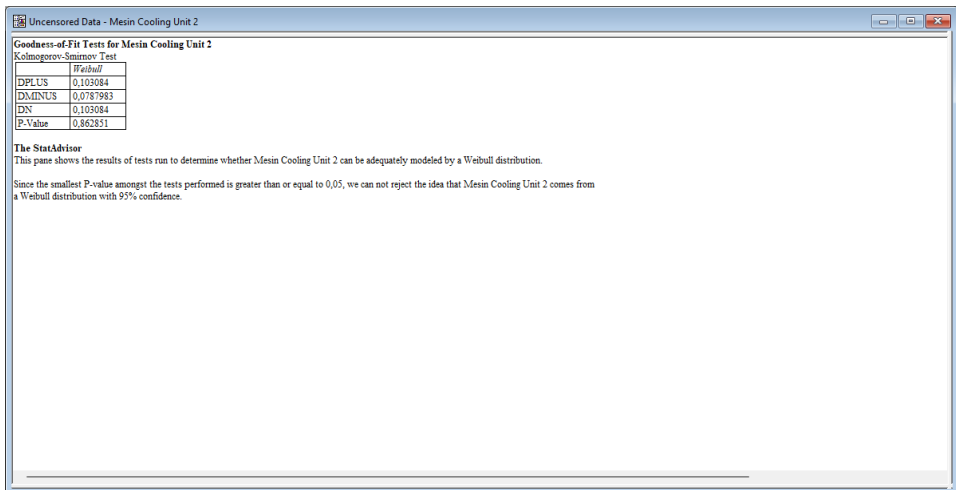
34 values ranging from 1,0 to 12,0

**Fitted Distributions**

Probability Density Function
Weibull
shape = 1,77381
scale = 4,94143

**The StatAdvisor**

This analysis shows the results of fitting a Weibull distribution to the data on Mesin Cooling Unit 2. The estimated parameters of the fitted distribution are shown above. You can test whether the Weibull distribution fits the data adequately by selecting Goodness-of-Fit Tests from the list of Tabular Options. You can also assess visually how well the Weibull distribution fits by selecting Frequency Histogram from the list of Graphical Options. Other options within the procedure allow you to compute and display tail areas and critical values for the distribution. To select a different distribution, press the alternate mouse button and select Analysis Options.



Uncensored Data - Mesin Cooling Unit 2

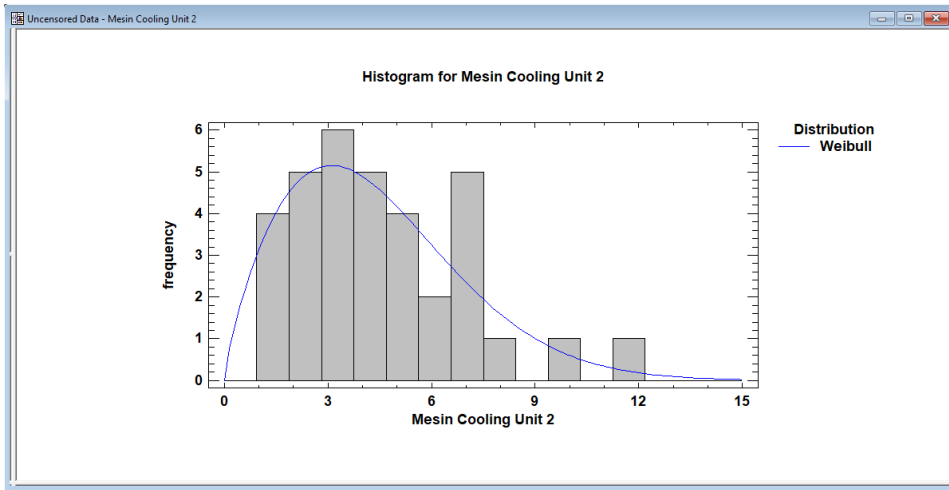
Goodness-of-Fit Tests for Mesin Cooling Unit 2

Kolmogorov-Smirnov Test

	Weibull
DPLUS	0.103084
DMINUS	0.0787963
DN	0.103084
P-Value	0.862851

**The StatAdvisor**  
This pane shows the results of tests run to determine whether Mesin Cooling Unit 2 can be adequately modeled by a Weibull distribution.

Since the smallest P-value amongst the tests performed is greater than or equal to 0,05, we can not reject the idea that Mesin Cooling Unit 2 comes from a Weibull distribution with 95% confidence.



Uncensored Data - Mesin Cooling Unit 2

**Uncensored Data - Mesin Cooling Unit 2**

Data variable: Mesin Cooling Unit 2

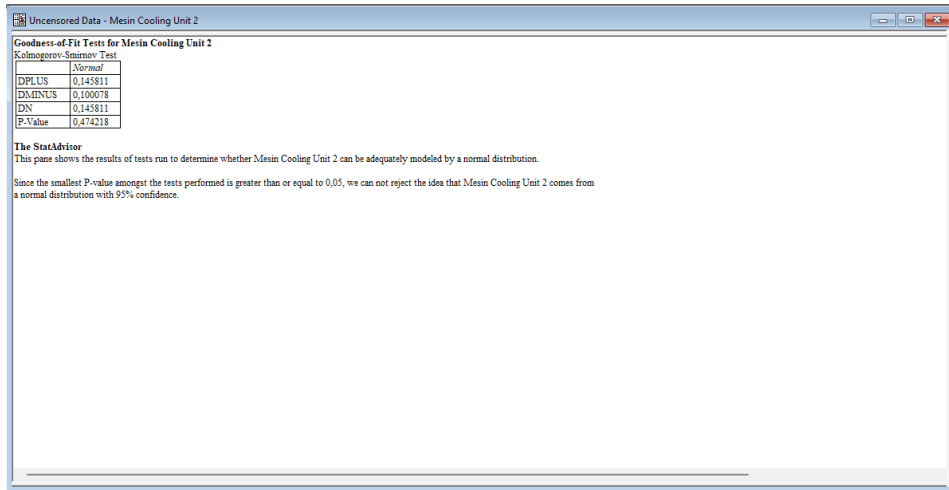
34 values ranging from 1.0 to 12.0

Fitted Distributions

Normal
mean = 4.38235
standard deviation = 2.64019

**The StatAdvisor**

This analysis shows the results of fitting a normal distribution to the data on Mesin Cooling Unit 2. The estimated parameters of the fitted distribution are shown above. You can test whether the normal distribution fits the data adequately by selecting Goodness-of-Fit Tests from the list of Tabular Options. You can also assess visually how well the normal distribution fits by selecting Frequency Histogram from the list of Graphical Options. Other options within the procedure allow you to compute and display tail areas and critical values for the distribution. To select a different distribution, press the alternate mouse button and select Analysis Options.



Uncensored Data - Mesin Cooling Unit 2

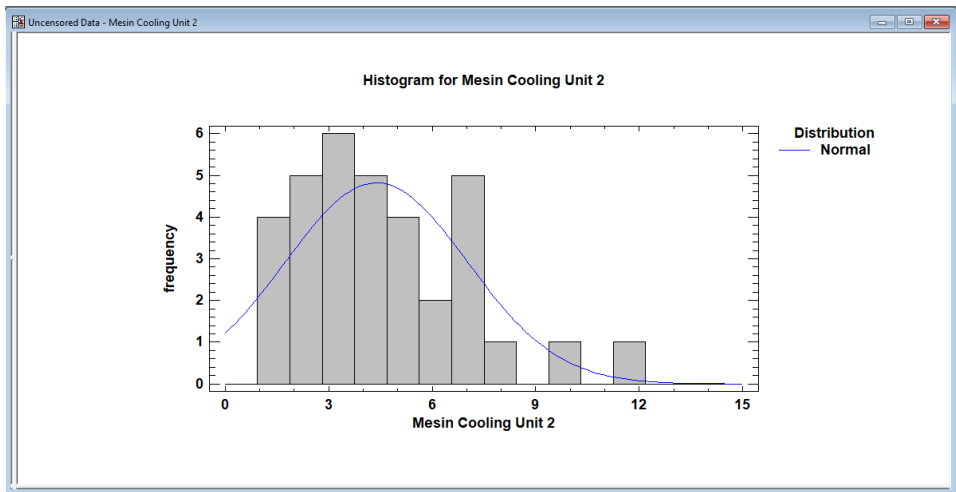
Goodness-of-Fit Tests for Mesin Cooling Unit 2

Kolmogorov-Smirnov Test

	Normal
DPLUS	0.145811
DMINUS	0.100078
DN	0.145811
P-Value	0.474218

**The StatAdvisor**  
This pane shows the results of tests run to determine whether Mesin Cooling Unit 2 can be adequately modeled by a normal distribution.

Since the smallest P-value amongst the tests performed is greater than or equal to 0.05, we can not reject the idea that Mesin Cooling Unit 2 comes from a normal distribution with 95% confidence.



STARGRAPHICS Centurion - Untitled StaffFolio

File Edit Plot Describe Compare Relate Forecast SPC DOE SnapStat! Tools View Window Help

DataBook StatAdvisor StatGaley StatReporter StaffFolio Comments Uncensored Data - CU 2

### Uncensored Data - CU 2

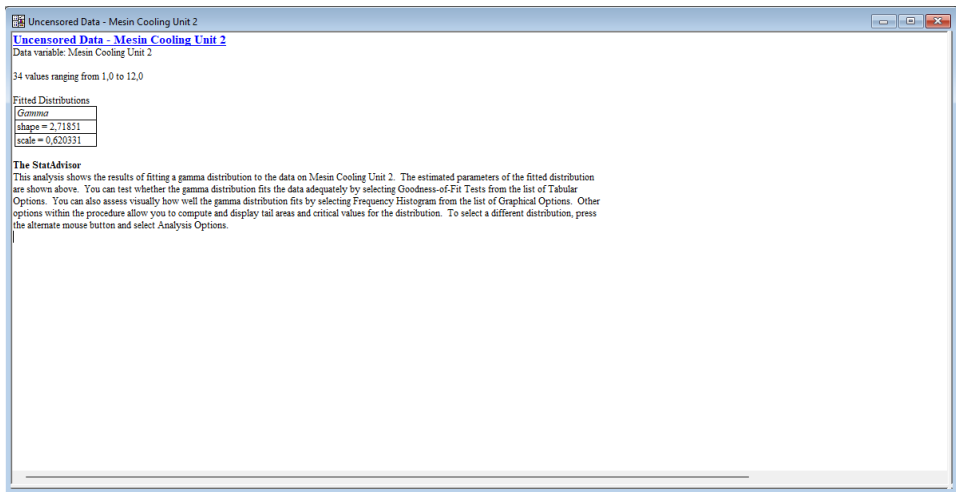
#### Goodness-of-Fit Tests for CU 2

Kolmogorov-Smirnov Test

	Exponential	Gamma	Normal	Weibull
DPLUS	0.114204	0.0886543	0.145811	0.103084
DMINUS	0.248777	0.0878163	0.100078	0.0787983
DN	0.248777	0.0886543	0.145811	0.103084
P-Value	0.0291565	0.912066	0.474218	0.852531

**The Results**  
 This pane shows the results of tests run to determine whether CU 2 can be adequately modeled by various distributions.  
 P-values less than 0,05 would indicate that CU 2 does not come from the selected distribution with 95% confidence.





Uncensored Data - Mesin Cooling Unit 2

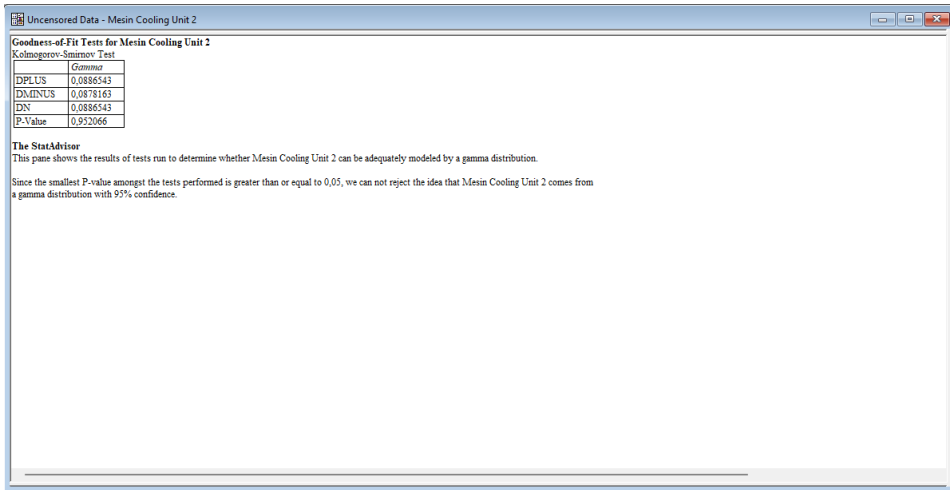
**Uncensored Data - Mesin Cooling Unit 2**  
Data variable: Mesin Cooling Unit 2

34 values ranging from 1.0 to 12.0

**Fitted Distributions**

Gamma
shape = 2.71851
scale = 0.620331

**The StatAdvisor**  
This analysis shows the results of fitting a gamma distribution to the data on Mesin Cooling Unit 2. The estimated parameters of the fitted distribution are shown above. You can test whether the gamma distribution fits the data adequately by selecting Goodness-of-Fit Tests from the list of Tabular Options. You can also assess visually how well the gamma distribution fits by selecting Frequency Histogram from the list of Graphical Options. Other options within the procedure allow you to compute and display tail areas and critical values for the distribution. To select a different distribution, press the alternate mouse button and select Analysis Options.



Uncensored Data - Mesin Cooling Unit 2

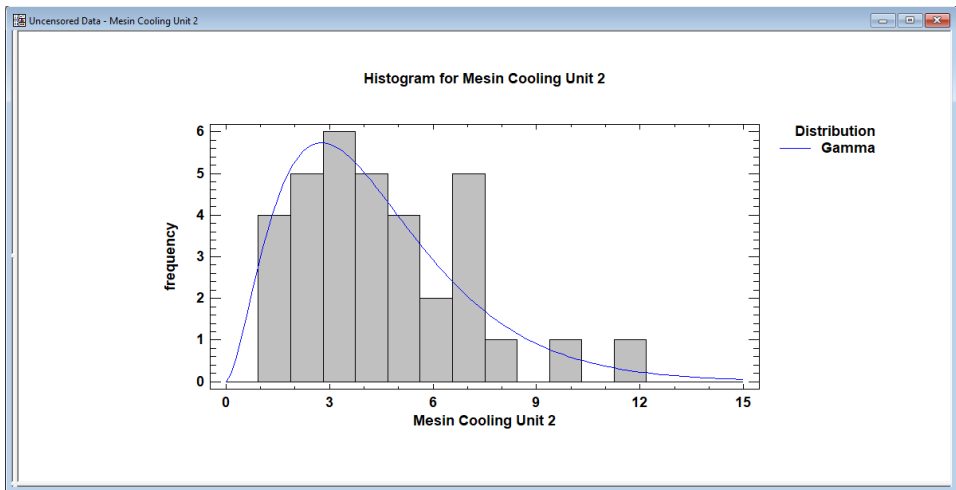
Goodness-of-Fit Tests for Mesin Cooling Unit 2

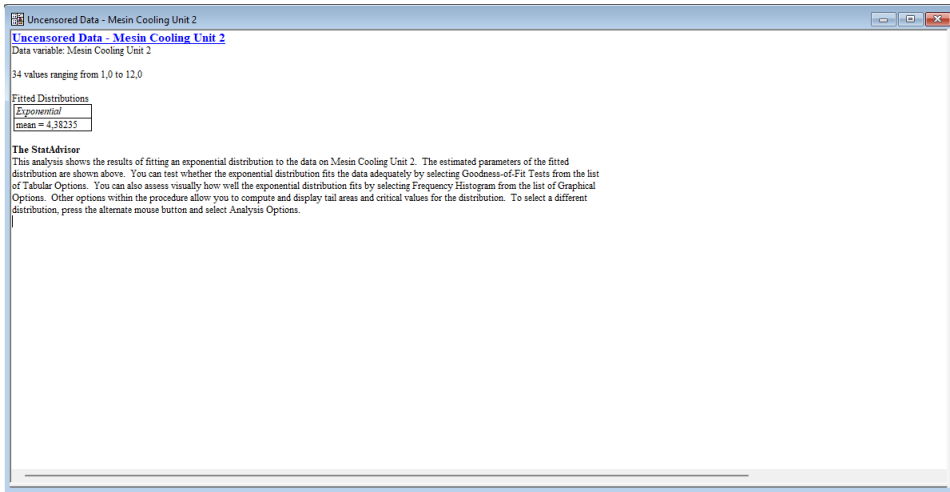
Kolmogorov-Smirnov Test

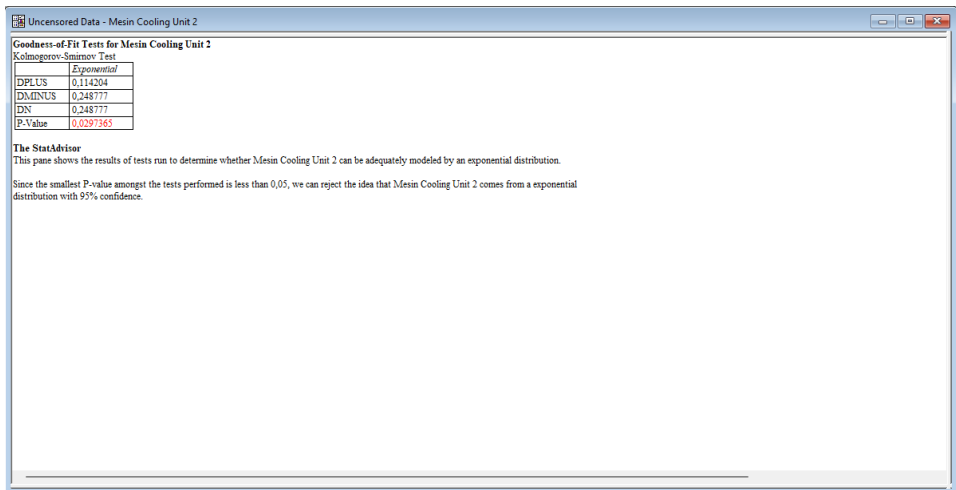
	Gamma
DPLUS	0.0886543
DMINUS	0.0678163
DN	0.0886543
P-Value	0.952066

**The StatAdvisor**  
This pane shows the results of tests run to determine whether Mesin Cooling Unit 2 can be adequately modeled by a gamma distribution.

Since the smallest P-value amongst the tests performed is greater than or equal to 0.05, we can not reject the idea that Mesin Cooling Unit 2 comes from a gamma distribution with 95% confidence.







Uncensored Data - Mesin Cooling Unit 2

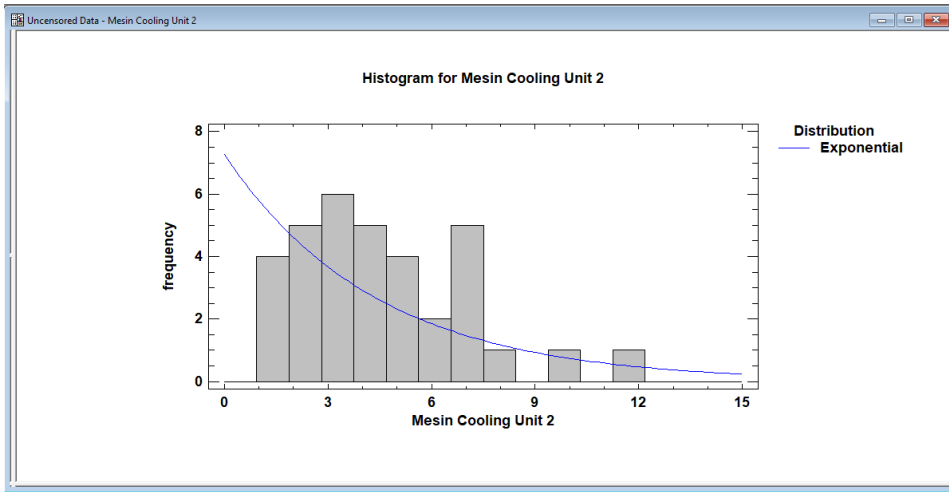
Goodness-of-Fit Tests for Mesin Cooling Unit 2

Kolmogorov-Smirnov Test

	Exponential
DPLUS	0,114204
DMINUS	0,248777
DN	0,248777
P-Value	0,0297365

**The StatAdvisor**  
This pane shows the results of tests run to determine whether Mesin Cooling Unit 2 can be adequately modeled by an exponential distribution.

Since the smallest P-value amongst the tests performed is less than 0,05, we can reject the idea that Mesin Cooling Unit 2 comes from a exponential distribution with 95% confidence.

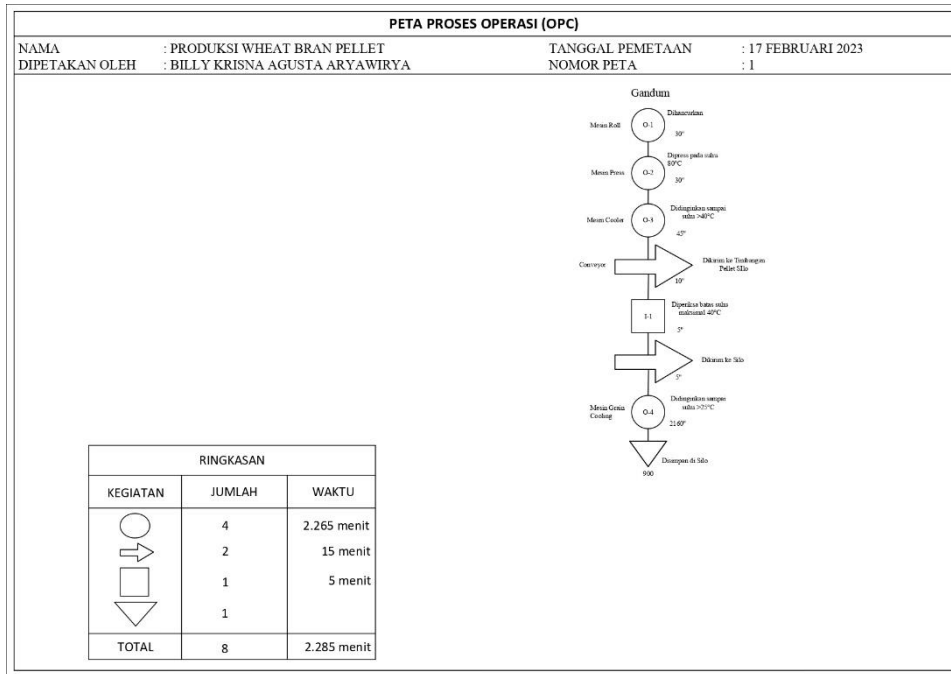


BULAN	TANGGAL	CU		JENIS KERUSAKAN	TROUBLESHOOTING	DOWNTIME (menit)
		1	2			
Januari	3	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	13	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	21	-	v	Motor Condensor Fan Fault	GANTI FILTER BARU + PREVENTIVE OLEH TEKNISI	120
	26	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	29	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	30
Februari	2	-	v		DIBERSIHKAN	15
	12	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	21	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	23	v	-	Preventive oleh Teknisi		90
	24	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
Maret	2	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	30
	13	-	v		DIBERSIHKAN	25
	14	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	17	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	22	v	-	Upcoming malfunction filter	DIBERSIHKAN	30
April	2	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	4	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	11	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	16	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	17	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
Mei	1	-	v		DIBERSIHKAN	20
	8	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	17	v	-		DIBERSIHKAN	20
	26	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
Juni	3	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	6	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20

BULAN	TANGGAL	CU		JENIS KERUSAKAN	TROUBLESHOOTING	DOWNTIME (menit)
		1	2			
	11	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
Juli	4	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	11	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	30
	18	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	25	-	v		DIBERSIHKAN	25
	26	-	v	Motor Condensor Fan Fault	GANTI FILTER BARU + PREVENTIVE OLEH TEKNISI	120
Agustus	4	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	18	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	30
	22	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	31	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
September	11	v	-		DIBERSIHKAN	30
	15	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	23	v	-	Preventive oleh Teknisi		90
	24	v	-		DIBERSIHKAN	15
Oktober	15	-	v		DIBERSIHKAN	30
	17	v	-	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	18	v	-	Uneconomical operation		20
	19	v	-	Uneconomical operation		
November	7	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	10	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	17	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	30
	25	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	25
	28	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	30	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
Desember	5	-	v		DIBERSIHKAN	20
	6	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	15

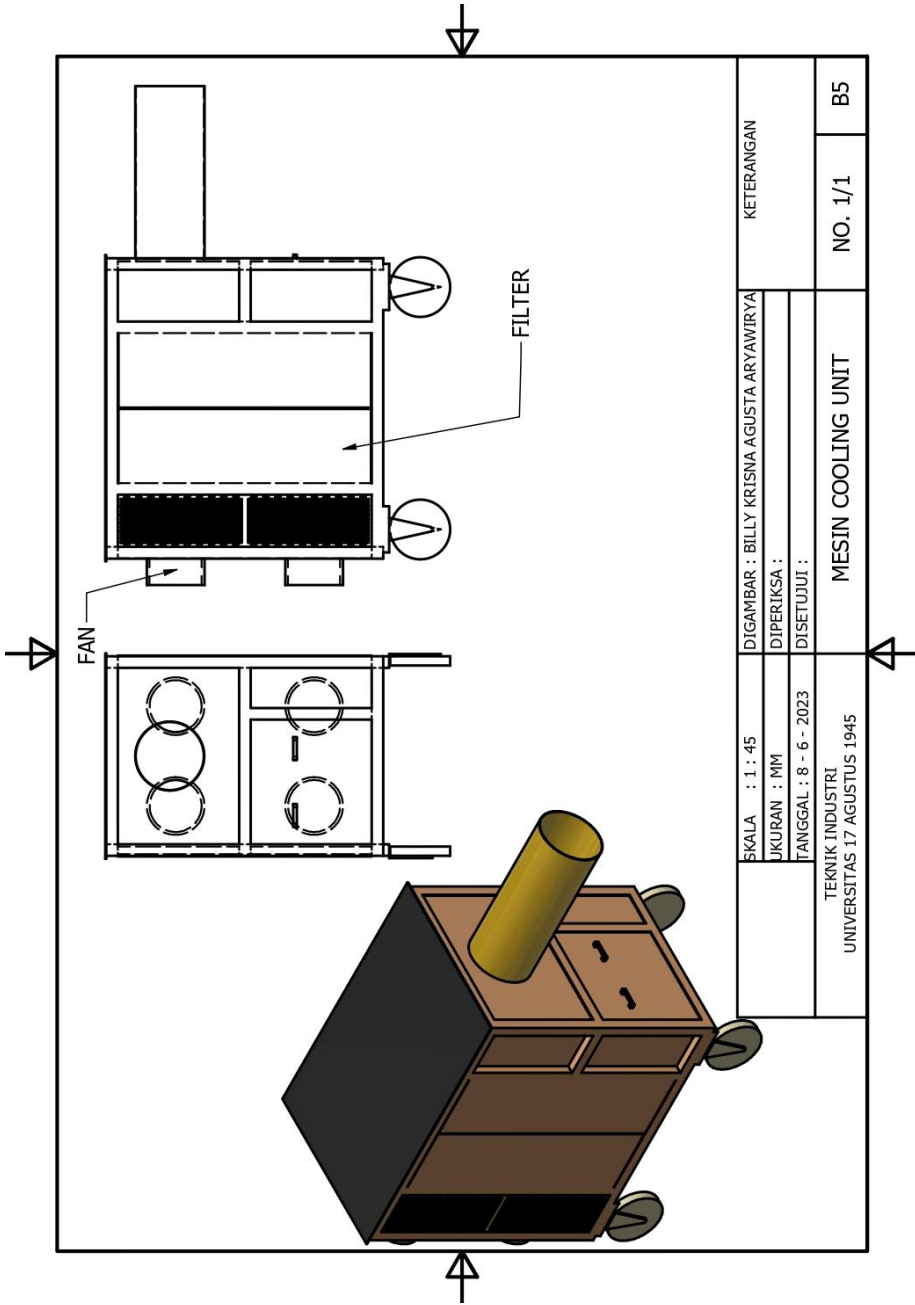


BULAN	TANGGAL	CU		JENIS KERUSAKAN	TROUBLESHOOTING	DOWNTIME (menit)
		1	2			
	7	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	15
	12	-	v		DIBERSIHKAN	15
	14	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	15
	17	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	15
	22	-	v	Motor Condensor Fan Fault	DIBERSIHKAN + PREVENTIVE OLEH TEKNISI	150
	24	-	v	Malfunction Suction Filter Soiled	DIBERSIHKAN	20
	28	-	v		DIBERSIHKAN	20
Total Downtime (menit) =						1745



*Dokumentasi bersama Dosen Pembimbing*





SKALA : 1 : 45	DIGAMBAR : BILLY KRISNA AGUSTA ARYAWIRYA	KETERANGAN
UKURAN : MM	DIPERIKSA :	
TANGGAL : 8 - 6 - 2023	DISETUJUI :	
TEKNIK INDUSTRI UNIVERSITAS 17 AGUSTUS 1945		MESIN COOLING UNIT
		NO. 1/1
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