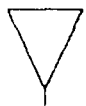
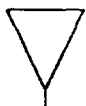
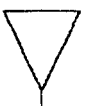
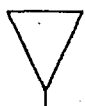


Lampiran 1: Operation Process Chart Body Burner

Nama Komponen	Bearing Case	Bearing Case	V Pulley	Pulley Tension	Boss
Jumlah Komponen	2 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	II - 25	II - 16	II - 30	I - 38	II - 13
Spesifik Bahan	besi cor	besi cor	besi cor	besi cor	besi cor
Proses	Gudang				
					
Bubut	 1 20.80 2 9.50 3 7.50	 1 22.40 2 8.60 3 5.45	 1 25.05 3 1.80 4 1.50 2 3.40	 1 20.90 2 2.80 3 3.00	 1 26.85 2 7.50
Bor					
Tap KB					
Frais / stick					
Slyp	4 1.50				3 2.00
Cat	5 1.80	4 1.50	5 1.50	4 1.50	4 1.50

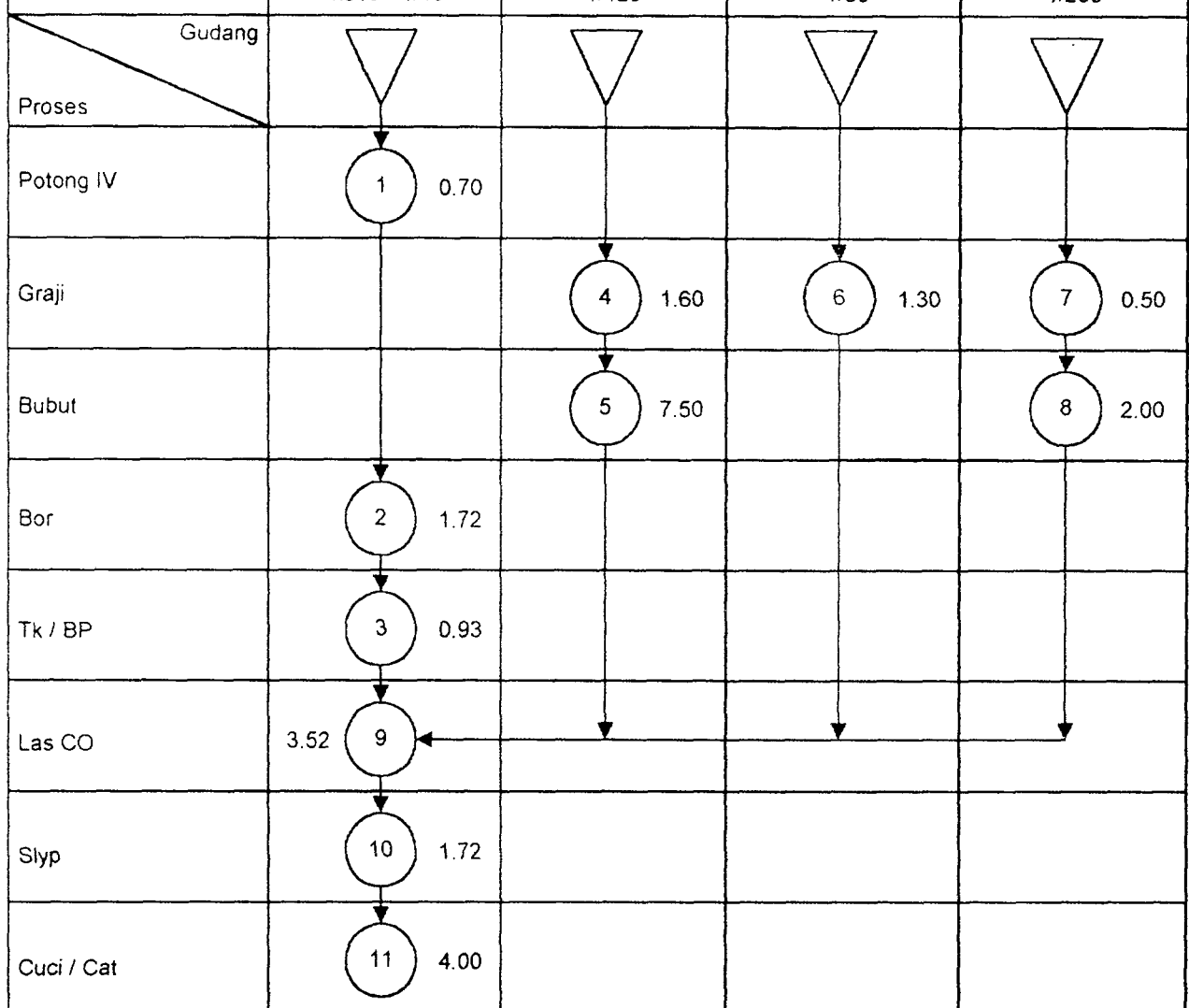
Nama Komponen	Lengan Selubung	Kamar Pembakaran	Tabung Pemanas	Metal Pengapian	Tabung Pengapian
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	II - 8	II - 1	II - 40	I - 41	II - 42
Spesifik Bahan	besi cor	besi cor	besi oor	besi cor	besi cor
Proses					
Bubut	1 35.00 2 12.40 3 9.30	1 38.15 2 22.25 3 12.00	1 28.45 2 12.00 3 20.00	1 24.35 2 12.00 3 8.00	1 38.00 2 26.00 3 6.50
Bor					
Bor Tap					
Frais / stick					
Slyp				4 4.50	
Cat	4 1.80	4 1.85	5 1.85	5 1.95	4 1.85

Nama Komponen	Plate Pengatur Udara Masuk	Klep Udara	Plate I	Plate II	Ring Sumbu
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	II - 88	II - 60	II - 58	II - 59	II - 47
Spesifik Bahan	plate 0.2x70x125 1/225	plate 1.2x85x155 1/210	plate 1.2x85x155 1/1073	plate 1.8x15x54 1/2440	sus 0.8x16x150 1/976
Gudang					
Proses					
Potong I			 0.45	 0.40	 0.50
Potong II	 0.45	 0.60			
Punch 10t					 0.60
Punch 25t		 5.26	 0.50	 0.55	
Punch 63t	 0.66	 2.95			
Bor	 0.85				
Tek-mex		 2.50			 1.20
Slyp / KB	 1.33	 3.40			
Cuci / cat	 2.60	 3.00	 0.40	 0.40	

Nama Komponen	Plate Penyebar Api	Tutup Bearing	Plate Penyangga	Pengatur Udara Masuk (Body I)	Pengatur Udara Masuk (Body II)
Jumlah Komponen	1 bh/unit	1 bh/unit	2 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	II - 4	II - 20	II - 34	II - 63	II - 63
Spesifik Bahan	plate 1.6x d350 1:18	plate 1.6x d110 1/242	plate sirip 1/4x1" x1575 - 2/10	kawat d4.5x410 1/410	baut Md4x60
Gudang					
Proses					
Potong I	 0.72	 0.60	 1.34		
Potong II					
Punch 500t	 1.85				
Punch 63t				 0.50	
Punch 16t	 6.85			 0.40	
Punch 25t		 0.60			
Bor			 4.00	2.00 	
B. Press			 1.72	1.33 	
Las CO				1.71 	
Slyp	 0.42	 0.70		0.85 	
Cuci / cat	 4.00	 2.50	 2.18	1.60 	

Nama Komponen	Selubung Poros	Poros Utama	Lapisan Balok Engine	Dasar Kaki	Plat Penahan Api
Jumlah Komponen	1 bh/unit	1 bh/unit	2 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	II - 7	II - 23	I - 5	I - 25	I - 2
Spesifik Bahan	pipa tembaga d50 1/32	asiall d11/4ST60 1/10	plate 1.6x200x45	UNP 65x42x5.5 x560	sus 1x175x600 1/15
Gudang 					
Potong			 0.45		 0.75
Graji	 1.35	 3.00		 3.00	
Punch 16t			 0.60		 0.66
Punch 10t					 0.80
Bubut	 3.00	 48.85			
Frais		 30.00		 2.50	
KB / Tap		 15.00			
Bor	 1.50				
Slyp			 0.35		
Cuci / Cat			 1.80	 1.50	

Nama Komponen	Frame Engine Body I	Frame Engine Body II	Frame Engine Body III	Frame Engine Body IV	Frame Engine Body V
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	I - 26	I - 26	I - 26	I - 26	I - 26
Spesifik Bahan	UNP 65x42x5.5 x.1000	UNP 65x42x5.5 x.380	UNP 65x42x5.5 x.182	UNP 65x42x5.5 x.345	aslall d5/16x31
Proses					
Potong Graji	1 6.00	4 12.00	7 6.00	8 6.00	10 0.85
Bor	2 12.00	5 16.00		9 4.00	
Frais	3 14.00	6 28.00			
Bubut					11 2.00
Las Tavo	12 40.00				
Slyp	13 15.00				
Cuci / Cat	14 19.00				

Nama Komponen	Arm Tension Body I	Arm Tension Body II	Arm Tension Body III	Arm Tension Body IV
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	I - 34	I - 34	I - 34	I - 34
Spesifik Bahan	plat strip 0.25x1.5 x310 - 1/19	aslall d3/4x50 1/120	astall d0.5x100 1/60	astall d5/16x100 1/200
Proses				
Potong IV	1 0.70			
Graji		4 1.60	6 1.30	7 0.50
Bubut		5 7.50		8 2.00
Bor	2 1.72			
Tk / BP	3 0.93			
Las CO	3.52 9			
Slyp	10 1.72			
Cuci / Cat	11 4.00			

Nama Komponen	Tutup P. Tension	Plate Tension	Dudukan Tungku	Kipas Blower (Body I)	Kipas Blower (Body II)
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	I - 40	I - 27	I - 14	II - 10	II - 10
Spesifik Bahan	plate 1.2xd56 1/800	plate 1.2x100x150 1/190	plate 1.6x170x380 1/42	plate 2xd490 1/8	plate 2x156x92 12/195
Proses					
Potong I	1 0.50		1 0.45	1 0.75	3 4.80
Potong II		1 0.60			
Punch 25t	2 0.66	2 0.63	2 0.65		
Punch 16t		3 0.65	3 0.70		
Punch 500t				2 3.00	
Punch 63t					4 4.80
Punch 40t					5 4.80
B. Press		4 0.70	4 1.35		
Las CO				6 5.00	
Slip	3 0.50		5 0.92	7 2.40	
Cuci / Cat	4 1.80	5 1.80	6 2.95	8 4.50	

Nama Komponen	Kerangka Penahan Bearing (Body I)	Kerangka Penahan Bearing (Body II)	Flange Plate Body I	Flange Plate Body II
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	1 - 7	1 - 7	1 - 11	1 - 11
Spesifik Bahan	plate 4.5x25x244 4/485	bt y2er d6x1125 3/8	plate 3.5x220x220 1/55	plate 2.3x35x40 4/1830
Gudang Proses				
Potong IV	 3.42		 0.85	
Potong I				 1.60
Punch 16t		 1.44		
Punch 500t				
Bor	 9.60			 4.00
Roll		 3.27		
B. Press				 3.00
Bubut			 4.00	
Las CO	 5.00		 3.00	
Slyp	 1.71		 2.40	
Cuci / Cat	 4.50		 5.14	

Nama Komponen	Engsel I Body I	Engsel I Body II	Engsel I Body I	Engsel II Body II
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	II - 53	II - 53	II - 50	II - 50
Spesifik Bahan	plate 1.2x28x15 1/5000	aslall d8x7 1/850	plate 1.2x45x36 1/1500	aslall d8x7 1/850
Gudang Proses				
Potong I	 0.40		 0.40	
Graji		 0.70		 0.80
Bubut		 1.70		 1.70
Punch 16t	 0.75		 0.75	
Las CO	 3.00		 3.00	
Slyp	 1.30		 1.30	
Cucu / Cat	 3.00		 3.00	

Nama Komponen	Tangki Bahan Bakar				
	Body I Utama	Body II Tutup	Body III Sekat	Body IV Cuncum	Body V Plate Pemasukan
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	II - 69	II - 69	II - 69	II - 69	II - 69
Spesifik Bahan	Plate 1.6x750x1950 1/1	1.6x170x900 2/14	1.6x170x750 2/21	pipa d5x180 3/53	Plate 1.6x60x120 1/400
Gudang					
Proses					
Potong I	1 2.40	5 1.85	8 1.85		13 0.50
Punch 25t	2 4.50				
Punch 16t	3 1.50				
Potong Vibra		6 8.20	9 4.80		
B. Press	4 4.00	7 4.80	10 3.00		
Roll Mex / KB					14 3.00
Graji				11 4.50	
Bubut				12 10.50	
Las Pent	17 7.50				15 2.40
Las Karbid	18 20.00				16 4.00
Slyp	19 10.00				
Cuci / Cat	20 25.00				

Rumah Blower Burner							
Nama Komponen	Body I	Body II	Body III	Body IV	Body V	Body VI	Body VII
Jumlah Komponen	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit	1 bh/unit
Nomor Komponen	I - 1	I - 1	I - 1	I - 1	I - 1	I - 1	I - 1
Spesifik Bahan	plate 2x65x1800 2/18	plate 1x500x1820 1/1	plate 1x90x159 19/195	plate 2x990 1/8	plate 2.3x640x350 4/9	pipa air d11/2x137.5 1/49	L 30x30x400 4/15
Gudang							
Proses							
Potong I	1 0.80			10 0.75	12 3.43		
Potong II		4 1.00	8 7.60				
Potong Graji						17 4.00	18 0.86
Punch 10t		5 0.85					
Punch 16t					13 0.67		
Punch 25t					14 0.69		
Vibra					15 4.00		
Punch 63t			9 12.60				
Tk / BB	2 1.09				16 1.34		
Roll	3 4.00	6 4.00					
Punch 500t				11 3.00			
Las Pent		7 5.50					
Bor		19 2.00					
Las CO			20 30.09				
Las Karbid			21 10.50				
Slyp			22 3.00				
Cuci / Cat			23 24.00				

Lampiran 2: Daftar Komponen (Part List)

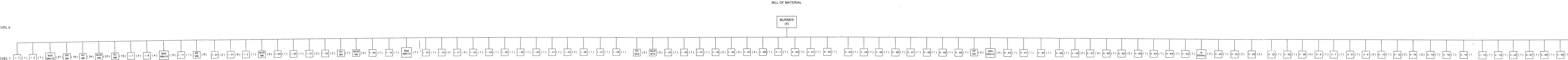
No.	Nama	Jumlah	Satuan	Standard	Lead Time
I – 1	Rumah blower	1	Bh		5
I – 2	Plat penahan api	1	Bh		1
I – 3	Baut SE	4	Bh	M 6 x 15	4
I – 4	Ring plat	4	Bh	M 6	4
I – 5	Ring veer	4	Bh	M 6	4
I – 6	Mur	4	Bh	M 6	4
I – 7	Kerangka penahan bearing	1	Bh		2
I – 8	Plat penghubung	4	Bh		4
I – 9	Baut SE	8	Bh	M 8 x 15	4
I – 10	Ring veer	8	Bh	M 8	4
I – 11	Flange plate	1	Bh		1
I – 12	Ring plat	4	Bh	M 8	4
I – 13	Baut SE	4	Bh	M 8 x 15	4
I – 14	Dudukan tungku	1	Bh		1
I – 15	Baut SE	4	Bh	M 6 x 12	4
I – 16	Ring veer	4	Bh	M 6	4
I – 17	Ring plat	4	Bh	M 6	4
I – 18	Mur	4	Bh	M 6	4
I – 19	Kaki I	2	Bh		4
I – 20	Kaki II	2	Bh		4
I – 21	Baut SE	4	Bh	M 6 x 15	4
I – 22	Ring veer	4	Bh	M 6	4
I – 23	Ring plat	4	Bh	M 6	4
I – 24	Mur	4	Bh	M 6	4
I – 25	Dasar kaki	1	Bh		1
I – 26	Fondasi mesin	1	Set		6
I – 27	Plate tension	1	Bh		1
I – 28	Baut SE	1	Bh	M 10 x 25	4
I – 29	Ring plat	1	Bh	M 10	4

No.	Nama	Jumlah	Satuan	Standard	Lead Time
I – 30	Mur	1	Bh	M 10	4
I – 31	Baut SE	8	Bh	M 8	4
I – 32	Mur	8	Bh	M 8	4
I – 33	Spring	1	Bh		4
I – 34	Arm tension	1	Bh		2
I – 35	Pin tension	1	Bh		4
I – 36	Ring plat	1	Bh	M 12	4
I – 37	Mur	1	Bh	M 12	4
I – 38	Pulley tension	1	Bh		4
I – 39	Bearing	1	Bh	6201 zz	4
I – 40	Tutup bearing	1	Bh		1
I – 41	Mur tension	1	Bh		4
I – 42	Ring veer	3	Bh	M 5	4
I – 43	Screw RH	3	Bh	M 5 x 10	4
I – 44	Baut SE	4	Bh	M 10 x 35	4
I – 45	Ring veer	4	Bh	M 10	4
I – 46	Ring plat	4	Bh	M 10	4
I – 47	Mur	4	Bh	M 10	4
I – 48	Saluran udara panas	1	Bh		4
I – 49	Plat control angin	1	Bh		4
I – 50	Plat penunjuk	1	Bh		4
I – 51	Screw RH	2	Bh	M 5 x 15	4
I – 52	Ring plat	2	Bh	M 5	4
I – 53	Ring veer	2	Bh	M 5	4
I – 54	Mur	2	Bh	M 5	4
I – 55	Selenoit	1	Set		4
II – 1	Rumah pembakaran	1	Bh		6
II – 2	Mur	3	Bh	M 6	4
II – 3	Baut SE	3	Bh	M 6 x 25	4
II – 4	Plat penyebar api	1	Bh		2
II – 5	Ring veer	3	Bh	M 6	4

No.	Nama	Jumlah	Satuan	Standard	Lead Time
II – 6	Baut SE	3	Bh	M 6 x 12	4
II – 7	Selubung poros	1	Bh		1
II – 8	Lengan selubung	1	Bh		6
II – 9	Rivet	3	Bh		4
II – 10	Kipas blower	1	Bh		1
II – 11	Ring veer	3	Bh	M 6	4
II – 12	Baut	3	Bh	M 6 x 15	4
II – 13	Boss	1	Bh		5
II – 14	Mur	1	Bh	M 8	4
II – 15	Baut SE	1	Bh	M 8 x 25	4
II – 16	Bearing case	1	Bh		4
II – 17	Bearing	1	Bh	6204 zz	4
II – 18	Ring veer	1	Bh		4
II – 19	Baut SE	1	Bh	M 8 x 10	4
II – 20	Tutup bearing	1	Bh		1
II – 21	Ring veer	1	Bh	M6	4
II – 22	Baut SE	6	Bh	M 6 x 15	4
II – 23	Poros utama	1	Bh		7
II – 24	Pasak	1	Bh		4
II – 25	Bearing case	1	Bh		4
II – 26	Bearing	1	Bh	6204 zz	4
II – 27	Ring plat	3	Bh	M 8	4
II – 28	Ring veer	3	Bh	M 8	4
II – 29	Baut	3	Bh	M 8 x 15	4
II – 30	V pulley	1	Bh		4
II – 31	Mur	1	Bh	M 8	4
II – 32	Baut SE	1	Bh	M 8 x 25	4
II – 33	V Belt	1	Bh		4
II – 34	Plat penyanggah	2	Bh		1
II – 35	Baut SE	4	Bh	M 6 x 15	4
II – 36	Ring veer	4	Bh	M 6	4

No.	Nama	Jumlah	Satuan	Standard	Lead Time
II – 37	Baut SE	4	Bh	M 6 x 20	4
II – 38	Ring veer	4	Bh	M 6	4
II – 39	Mur	4	Bh	M 6	4
II – 40	Silinder pemanas	1	Bh		5
II – 41	Metal pengapian	1	Bh		4
II – 42	Tabung pengapian	1	Bh		4
II – 43	Pemancar api	1	Bh		4
II – 44	Tangkal pemancar api	1	Bh		4
II – 45	Ring pemancar api	1	Bh		4
II – 46	Mur pemancar api	1	Bh		4
II – 47	Ring sumbu	1	Bh		1
II – 48	Sumbu pembakar	1	Bh		4
II – 49	Tabung udara	1	Bh		4
II – 50	Engsel II	1	Bh		1
II – 51	Ring plat	1	Bh	M 3	4
II – 52	Screw RH	1	Bh	M 3 x 12	4
II – 53	Engsel I	1	Bh		1
II – 54	Ring plat	1	Bh	M 3	4
II – 55	Screw RH	1	Bh	M 3 x 12	4
II – 56	Baut SE	1	Bh	M 6 x 15	4
II – 57	Plate II	1	Bh		1
II – 58	Plate I	1	Bh		1
II – 59	Ring veer	2	Bh	M 5	4
II – 60	Klep udara	1	Bh		1
II – 61	Mur	2	Bh	M 5	4
II – 62	Screw RH	2	Bh	M 5 x 15	4
II – 63	Pengatur udara masuk	1	Set		1
II – 64	Pemberat	1	Bh		4
II – 65	Mur pengunci	1	Bh		4
II – 66	Saluran gas	1	Set		4
II – 67	Mur saluran gas	1	Bh		4

No.	Nama	Jumlah	Satuan	Standard	Lead Time
II – 68	Saluran gas tangki	1	Set		4
II – 69	Tangki	1	Set		4
II – 70	Frame tangki	1	Bh		4
II – 71	Baut SE	1	Bh	M 8 x 15	4
II – 72	Ring plat	1	Bh	M 8	4
II – 73	Ring veer	3	Bh	M 6	4
II – 74	Baut SE	3	Bh	M 6 x 40	4



Item	Level Code	Lead Time	Mg Hari	1						2						3						4							
				5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
I - 14	1	1	NR								110							165											275
I - 25	1	1	POR								110						165											275	
			NR									110						165										275	
I - 21	1	4	POR								110						165											1100	
			NR									440						660											
I - 34	1	2	POR				440																						
			NR									110						165										275	
I - 35	1	4	POR																										
			NR									110						165										275	
I - 38	1	4	POR				110																						
			NR									110						165										275	
I - 39	1	4	POR				110																						
			NR									110						165										275	
I - 40	1	1	POR				110																						
			NR									110						165										275	
I - 41	1	4	POR								110						165											275	
			NR									110						165										275	
I - 43	1	4	POR				110																						
			NR									330						495										825	
I - 26	1	6	POR				330																						
			NR									110						165										275	
I - 27	1	1	POR		110						165						275												
			NR									110						165										275	
I - 28	1	4	POR								110						165												
			NR									110						165										275	
I - 33	1	4	POR				110																						
			NR									110						165										275	
I - 36	1	4	POR				110																						
			NR									110						165										275	
I - 37	1	4	POR				110																						
			NR									110						165										275	

Item	Level Code	Lead Time	Mg Hari	1						2						3						4							
				5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
I - 19	1	4	NR								220											330							550
I - 44	1	4	POR									220												330					
			NR																										1100
I - 45	1	4	POR									440																	
			NR																										1100
I - 48	1	4	POR									440																	
			NR																										275
II - 1	1	6	POR										110																
			NR																										275
II - 3	1	4	POR		110																								
			NR																										825
II - 40	1	5	POR									330																	
			NR																										275
II - 41	1	4	POR									110																	
			NR																										275
II - 42	1	4	POR									110																	
			NR																										275
II - 43	1	4	POR										110																
			NR																										275
II - 44	1	4	POR										110																
			NR																										275
II - 45	1	4	POR										110																
			NR																										275
II - 46	1	4	POR										110																
			NR																										275
II - 47	1	1	POR										110																
			NR																										275
II - 48	1	4	POR											110															
			NR																										275
II - 49	1	4	POR												110														
			NR																										275

Item	Level Code	Lead Time	Mg Hari	1						2						3						4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Lampiran 5: Model Awal MPS

**FOUR WEEK FORECAST WINDOW
TWO WEEK REPLANNING FREQUENCY**

CONSTRAINT 1

Period	Xkilt	V-ilt	V+ilt		Ailt	Cost
1	0	0	0	=	0	\$230,715.80
2	0	0	0	Not =	34	\$230,715.80
3	0	0	0	Not =	51	\$230,715.80
4	0	0	0	Not =	85	\$230,715.80
5	0	0	0	=	0	\$230,715.80
6	0	0	0	Not =	50	\$230,715.80
7	0	0	0	Not =	75	\$230,715.80
8	0	0	0	Not =	125	\$230,715.80
9	0	0	0	=	0	\$230,715.80
10	0	0	0	Not =	96	\$230,715.80
11	0	0	0	Not =	144	\$230,715.80
12	0	0	0	Not =	240	\$230,715.80
mkilt	48.85	pkilt	30			
cilt	\$1,370,957.83	hilt	\$3,000,000			
qt	\$2,741,915.66	ekilt	\$230,715.80			
						TOTAL COST:
						\$2,768,589.60

CONSTRAINT 2

Period	lkilt	R-ilt	R+ilt		Gilt
1	0	0	0	=	0
2	0	0	0	=	0
3	0	0	0	=	0
4	0	0	0	=	0
5	0	0	0	=	0
6	0	0	0	=	0
7	0	0	0	=	0
8	0	0	0	=	0
9	0	0	0	=	0
10	0	0	0	=	0
11	0	0	0	=	0
12	0	0	0	=	0

CONSTRAINT 3

Period	Xkilt	Ut	Ot	(rm)t
1	Not =	0	0	5370
2	Not =	0	0	5370
3	Not =	0	0	5370
4	Not =	0	0	5370
5	Not =	0	0	5370
6	Not =	0	0	5370
7	Not =	0	0	5370

8	Not =	0	0	5370
9	Not =	0	0	5370
10	Not =	0	0	5370
11	Not =	0	0	5370
12	Not =	0	0	5370

CONSTRAINT 4

Period	Ot	W-t	W+t	(ov)t
1	Not =	0	0	1080
2	Not =	0	0	1080
3	Not =	0	0	1080
4	Not =	0	0	1080
5	Not =	0	0	1080
6	Not =	0	0	1080
7	Not =	0	0	1080
8	Not =	0	0	1080
9	Not =	0	0	1080
10	Not =	0	0	1080
11	Not =	0	0	1080
12	Not =	0	0	1080

CONSTRAINT 5

Period		CAPIt
1	<=	132
2	<=	132
3	<=	132
4	<=	132
5	<=	132
6	<=	132
7	<=	132
8	<=	132
9	<=	132
10	<=	132
11	<=	132
12	<=	132

CONSTRAINT 6

Period		Skilt
1	=>=	0
2	=>=	0
3	=>=	0
4	=>=	0
5	=>=	0
6	=>=	0
7	=>=	0
8	=>=	0
9	=>=	0
10	=>=	0
11	=>=	0
12	=>=	0

CONSTRAINT 7

Period		Dkilt
1	=	0
2	Not =	34
3	Not =	51
4	Not =	85
5	=	0
6	Not =	50
7	Not =	75
8	Not =	125
9	=	0
10	Not =	96
11	Not =	144
12	Not =	240

CONSTRAINT 8

Period		BkYkilt
1	=>=	0
2	=>=	0
3	=>=	0
4	=>=	0
5	=>=	0
6	=>=	0
7	=>=	0
8	=>=	0
9	=>=	0
10	=>=	0
11	=>=	0
12	=>=	0

CONSTRAINT 9

Period		MkYkilt
1	<=	132
2	<=	132
3	<=	132
4	<=	132
5	<=	132
6	<=	132
7	<=	132
8	<=	132
9	<=	132
10	<=	132
11	<=	132
12	<=	132

Lampiran 6: Solusi Akhir Model MPS

**FOUR WEEK FORECAST WINDOW
TWO WEEK REPLANNING FREQUENCY**

CONSTRAINT 1

Period	Xkilt	V-ilt	V+ilt		Ailt	Cost
1	0	0	0	=	0	\$230,715.80
2	34	0	0	=	34	\$230,715.80
3	51	0	0	=	51	\$230,715.80
4	85	0	0	=	85	\$230,715.80
5	0	0	0	=	0	\$230,715.80
6	50	0	0	=	50	\$230,715.80
7	75	0	0	=	75	\$230,715.80
8	125	0	0	=	125	\$230,715.80
9	86	0	86	=	0	\$376,133,089.18
10	131	0	35	=	96	\$411,214,239.85
11	131	13	0	=	144	\$327,230,715.80
12	131	109	0	=	240	\$230,715.80
mkilt	48.85	pkilt	30			TOTAL COST:
						\$1,116,654,487.03
cilt	\$1,370,957.83	hilt	\$3,000,000			
qt	\$2,741,915.66	ekilt	\$230,715.80			

CONSTRAINT 2

Period	lkilt	R-ilt	R+ilt		Gilt
1	0	0	0	=	0
2	0	0	0	=	0
3	0	0	0	=	0
4	0	0	0	=	0
5	0	0	0	=	0
6	0	0	0	=	0
7	0	0	0	=	0
8	0	0	0	=	0
9	86	0	86	=	0
10	121	0	121	=	0
11	109	0	109	=	0
12	0	0	0	=	0

CONSTRAINT 3

Period	Xkilt	Ut	Ot	(rm)t
1	=	5340	0	5370
2	=	3019.4	0	5370
3	=	2648.65	0	5370
4	=	1131.75	0	5370
5	=	5340	0	5370
6	=	2097.5	0	5370
7	=	1675.25	0	5370

8	=	0	756.25	5370
9	Not =	1152	0	5370
10	Not =	0	1080	5370
11	Not =	0	1080	5370
12	Not =	0	1080	5370

CONSTRAINT 4

Period	Ot	W-t	W+t	(ov)t
1	=	1080	0	1080
2	=	1080	0	1080
3	=	1080	0	1080
4	=	1080	0	1080
5	=	1080	0	1080
6	=	1080	0	1080
7	=	1080	0	1080
8	=	313.75	0	1080
9	=	1080	0	1080
10	=	0	0	1080
11	=	0	0	1080
12	=	0	0	1080

CONSTRAINT 5

Period	CAPIt
1	<= 132
2	<= 132
3	<= 132
4	<= 132
5	<= 132
6	<= 132
7	<= 132
8	<= 132
9	<= 132
10	<= 132
11	<= 132
12	<= 132

CONSTRAINT 6

Period	Skilt
1	=>= 0
2	=>= 0
3	=>= 0
4	=>= 0
5	=>= 0
6	=>= 0
7	=>= 0
8	=>= 0
9	>= 0
10	>= 0
11	>= 0
12	=>= 0

CONSTRAINT 7

Period		Dkilt
1	=	0
2	=	34
3	=	51
4	=	85
5	=	0
6	=	50
7	=	75
8	=	125
9	=	0
10	=	96
11	Not =	144
12	=	240

CONSTRAINT 8

Period		BkYkilt
1	=>=	0
2	>=	0
3	>=	0
4	>=	0
5	=>=	0
6	>=	0
7	>=	0
8	>=	0
9	>=	0
10	>=	0
11	>=	0
12	>=	0

CONSTRAINT 9

Period		MkYkilt
1	<=	132
2	<=	132
3	<=	132
4	<=	132
5	<=	132
6	<=	132
7	<=	132
8	<=	132
9	<=	132
10	<=	132
11	<=	132
12	<=	132