

## Lampiran 18

## DATA TOOL di setiap WORK CENTER

## 1. Work Center A3724 : Sub-Assembly Hose

No	Nama Tool	Keterangan
1	Cutting Machine	Untuk memotong Hose Bulk
2	Knife Cut	Untuk memotong Hose kecil
3	Skiving Tool	Untuk mengupas ujung Hose
4	Angle Setting Tool	Untuk menentukan sudut Coupling
5	Press Machine	Untuk memasang Coupling
6	Crimping Machine	Untuk mengepres Coupling
7	Crimping Dies	Dies pengepres Coupling
1	XT-3 Hose	Dari 1/2" sampai 1 1/2"
2	XT-5 Hose	Dari 1/2" sampai 1 1/2"

## 2. Work Center A3303 : Sub-Assembly Control Valve

No	Nama Tool	Keterangan
1	Torque Wrench	Kekuatan (Torque) bisa disetel
1	13x670 SP	13 mm x Torque 6.70 Kg.m (max)
2	14x380 SP	
3	16x670 SP	
4	19x670 SP	
5	22x670 SP	
6	27x670 SP	
7	27x1600 SP	
8	900 QL	Adjustable Torque 9.00 Kg.m (max)
9	1800 QL	
10	2800 QL	
11	4200 QL	
2	Socket Head	Mata kunci sock untuk QL
1	Hexagon 12 mm	
2	Hexagon 16 mm	
3	Hexagon 30 mm	
3	Strap Cutting	Pemotong Plastik Strap
4	Elen Key Set	Kunci L (set) dari 2 - 14 mm

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## 3. Work Center A1102 : Sub-Assembly Swing Frame I.

No	Nama Tool	Keterangan
1	Torque Wrench	
1	13x670 SP	
2	14x380 SP	
3	16x670 SP	
4	19x670 SP	
5	22x670 SP	
6	24x1200 SP	
7	27x1600 SP	
8	36x2200 SP	
9	41x2200SP	
10	900 QL	
11	1800 QL	
12	4200 QL	
2	Socket Head	
1	Hexagon 14 mm	
2	Hexagon 22 mm	
3	Hexagon 36 mm	
4	Hexagon 41 mm	
3	Elen Key Set	
4	Extension Bar	Penyambung Torque Wrench QL
1	Size 1/2"	Ukuran adalah 1/2"
2	Size 3/4"	
5	Impact Wrench 1/2"	Menggunakan tenaga angin.
6	Lifting Device	Alat angkat yang dibuat kusus
1	Fuel Tank	
2	Hydraulic Tank	
3	Tool Box	
7	Strap Cutting	

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## 4. Work Center A3405 : Sub-Assembly Floor Plate

No	Nama Tool	Keterangan
1	Torque Wrench	
	1 13x670 SP	
	2 16x670 SP	
	3 19x670 SP	
	4 27x670 SP	
	5 900 QL	
2	Socket Head	
	1 Hexagon 13 mm	
	2 Hexagon 16 mm	
	3 Hexagon 19 mm	
3	Extension Bar 1/2"	
4	Screw Driver (-)	Obeng minus
5	Strap Cutting	

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## DATA TOOL di setiap WORK CENTER

5. Work Center A1104 : Sub-Assembly **Swing Frame 2.**

No	Nama Tool	Keterangan
1	Torque Wrench	
1	13x670 SP	
2	14x380 SP	
3	16x670 SP	
4	19x670 SP	
5	22x670 SP	
6	24x1200 SP	
7	27x1600 SP	
8	36x2200 SP	
9	41x2200SP	
10	900 QL	
11	1800 QL	
12	4200 QL	
2	Socket Head	
1	Hexagon 14 mm	
2	Hexagon 19 mm	
3	Hexagon 36 mm	
2	Elen Key Set	
3	Extension Bar 1/2"	
4	Impact Wrench 1/2"	

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## DATA TOOL di setiap WORK CENTER

6. Work Center A1106 : Sub-Assembly **Engine**

No	Nama Tool	Keterangan
1	Torque Wrench	
1	22x670 SP	
2	24x1400 SP	
3	27x670 SP	
4	27x1400 SP	
5	32x2200 SP	
6	36x2200 SP	
7	900 QL	
8	1800 QL	
9	4200 QL	
2	Socket Head	
1	Hexagon 22 mm	
2	Hexagon 27 mm	
3	Hexagon 36 mm	
3	Extension Bar 1/2"	
4	Screw Driver (+)	Obeng kembang (Plus)
5	Strap Cutting	

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7. Work Center A1106 : Sub-Assembly **Swing Frame 3.**

No	Nama Tool	Keterangan
1	Torque Wrench	
	1 22x670 SP	
	2 24x1400 SP	
	3 27x670 SP	
	4 27x1400 SP	
	5 32x2200 SP	
	6 36x2200 SP	
	7 900 QL	
	8 1800 QL	
	9 4200 QL	
2	Socket Head	
	1 Hexagon 24 mm	
	2 Hexagon 32 mm	
	3 Hexagon 36 mm	
3	Extension Bar 1/2"	
4	Screw Driver (+)	Obeng kembang (Plus)
5	Strap Cutting	

8. Work Center A1108 : Sub-Assembly **Swing Frame 4.**

No	Nama Tool	Keterangan
1	Torque Wrench	
	1 900 QL	
	2 1800 QL	
2	Socket Head	
	1 Hexagon 22 mm	
	2 Hexagon 32 mm	
3	Extension Bar 1/2"	
4	Strap Cutting	

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## DATA TOOL di setiap WORK CENTER

9. Work Center A1109 : Sub-Assembly **Swing Frame 5.**

No	Nama Tool	Keterangan
1	Torque Wrench	
	1 900 QL	
	2 1800 QL	
2	Socket Head	
	1 Hexagon 14 mm	
	2 Hexagon 36 mm	
3	Extension Bar 1/2"	
4	Impact Wrench 1/2"	
5	Strap Cutting	

10. Work Center A1110 : Sub-Assembly **Swing Frame 6.**

No	Nama Tool	Keterangan
1	Torque Wrench	
	1 30x2200 SP	
	2 450 QL	
	3 900 QL	
	4 1800 QL	
	5 7500 QL	
2	Socket Head	
	1 Hexagon 19 mm	
	2 Hexagon 27 mm	
	3 Hexagon 36 mm	
	4 Hexagon 40 mm	
3	Comb. Wrench	Kunci kombinasi Ring dan Terbuka
	1 Size 10 mm	Ukuran 10 mm
	2 Size 18 mm	
	3 Size 1/2"	Ukuran 1/2 inch
4	Extension Bar 1/2"	
5	Lifting - Belt	Tali pengikat untuk mengangkat
	1 Kap. 500 kg	Kekuatan maksimum 500 kg.
	2 Kap. 1.000 kg	
6	Lifting - Door	
7	Plastic Hammer	

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## DATA TOOL di setiap WORK CENTER

11. Work Center A2101 : Sub-Assembly **Base Frame.**

No	Nama Tool	Keterangan
1	Torque Wrench	
	1 17x1200 SP	
	2 22x670 SP	
	3 24x1600 SP	
	4 27x670 SP	
	5 36x2200 SP	
	6 41x2200 SP	
	7 900 QL	
	8 1800 QL	
	9 2800 QL	
	10 4200 QL	
	11 7500 QL	
	12 14000 QL	
2	Socket Head	
	1 Hexagon 22 mm	
	2 Hexagon 24 mm	
	3 Hexagon 37 mm	
	4 Hexagon 32 mm	
	5 Hexagon 36 mm	
	6 Hexagon 42 mm	
3	Elen Key Set	
4	Extension Bar 1/2"	
5	Impact Wrench 3/4"	
6	Lifting Device	
	1 Roller	
	2 Spring	
	3 Sprocket	
7	Strap Cutting	