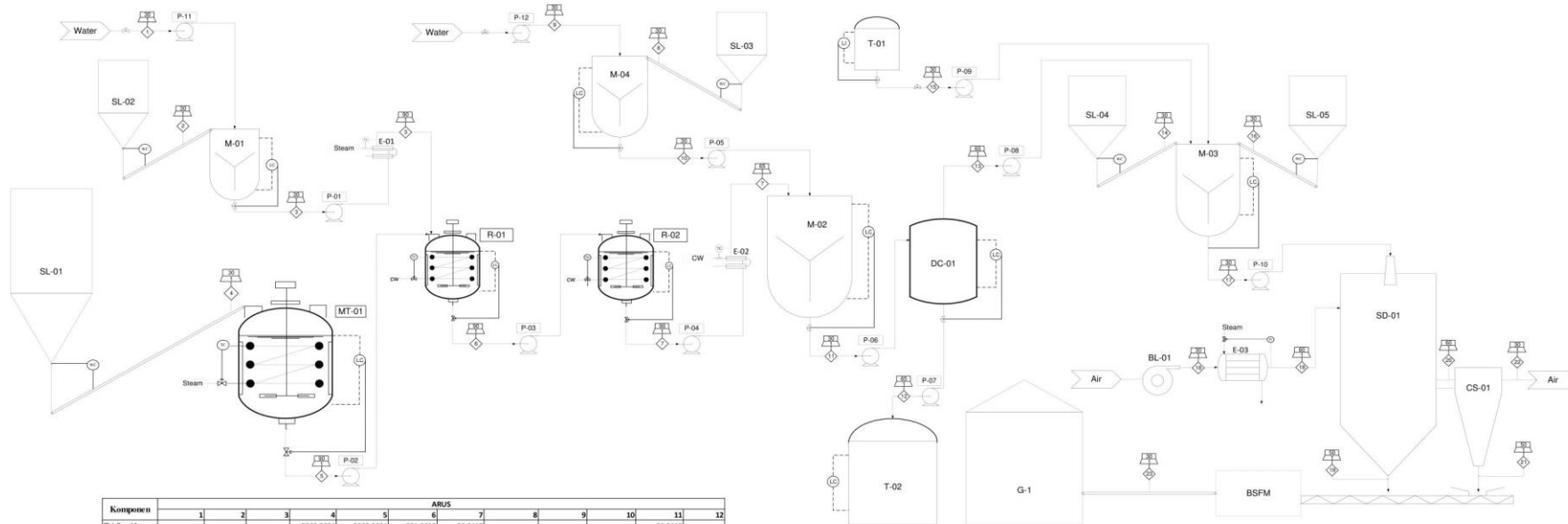


## LAMPIRAN B

### PROCESS ENGINEERING FLOW DIAGRAM PABRIK SABUN PADAT DARI REFINED BLEACHED DEODORIZED PALM STEARIN (RBDPS) KAPASITAS 53.000 TON / TAHUN



Komponen	ARUS											
	1	2	3	4	5	6	7	8	9	10	11	12
Triglicerida				5868.3694	5868.3694	391.3616	29.3418				29.3418	
NaOH	791.2408		791.2408			52.7678	3.9562				3.9562	3.1650
Sabun						5649.3182	6022.7273				6022.7273	
Glycerol						566.1626	603.5849				603.5849	573.4056
NaCl								603.5849		603.5849		573.4056
H <sub>2</sub> O	7.9923	783.2485	791.2408	5.8742	5.8742	797.1151	797.1151	6.0968	1066.9429	1073.0398	1870.1548	187.0155
EDTA												
Pewangi												
Na <sub>2</sub> SO <sub>4</sub>												
Udara												
Total	799.2331	783.2485	1582.4816	5874.2436	5874.2436	7456.7253	7456.7253	609.6817	1066.9429	1076.6246	9133.3499	1336.9917

Komponen	ARUS											
	13	14	15	16	17	18	19	20	21	22	23	
Triglicerida	29.3418				29.3418		29.0484	0.2934	0.2934		29.3418	
NaOH	0.7912				0.7912		0.7833	0.0079	0.0079		0.7912	
Sabun	6022.7273				6022.7273		5962.5000	60.2273	60.2273		6022.7273	
Glycerol	30.1792				30.1792		29.8775	0.3018	0.3018		30.1792	
NaCl	30.1792				30.1792		29.8775	0.3018	0.3018		30.1792	
H <sub>2</sub> O	1683.1393				1683.1393		65.9504	1617.1890	0.9689	1616.2201	66.9192	
EDTA		180.6818			180.6818		178.8750	1.8068	1.8068		180.6818	
Pewangi		120.4545			120.4545		119.2500	1.2045	1.2045		120.4545	
Na <sub>2</sub> SO <sub>4</sub>			180.6818		180.6818		178.8750	1.8068	1.8068		180.6818	
Udara							91074.9798		91074.9798		91074.9798	
Total	7796.3582	180.6818	120.4545	180.6818	8278.1764	91074.9798	6595.0370	92758.1191	66.9192	92691.1999	6661.9563	

SIMBOL	KETERANGAN	SIMBOL	KETERANGAN
CW	Air Pendingin	LC	Level Controller
DC	Dekanter	U	Level Indicator
E	Heat Exchanger	TC	Temperature Controller
EV	Kran Exchanger		
P	Pompa		
R	Reaktor		Nomor Arus
M	Mixer		Suhu, °C
MT	Melter		Tekanan, atm
SD	Spray Dryer		Control Valve
G	Gudang		
SL	Site		Electric Connection
T	Tangki		Piping
			Pneumatic
			Weight Controller

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YOGYAKARTA  
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PROCESS ENGINEERING FLOW DIAGRAM  
PABRIK SABUN PADAT DARI REFINED BLEACHED  
DEODORIZED PALM STEARIN (RBDPS)  
KAPASITAS 53.000 TON / TAHUN

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