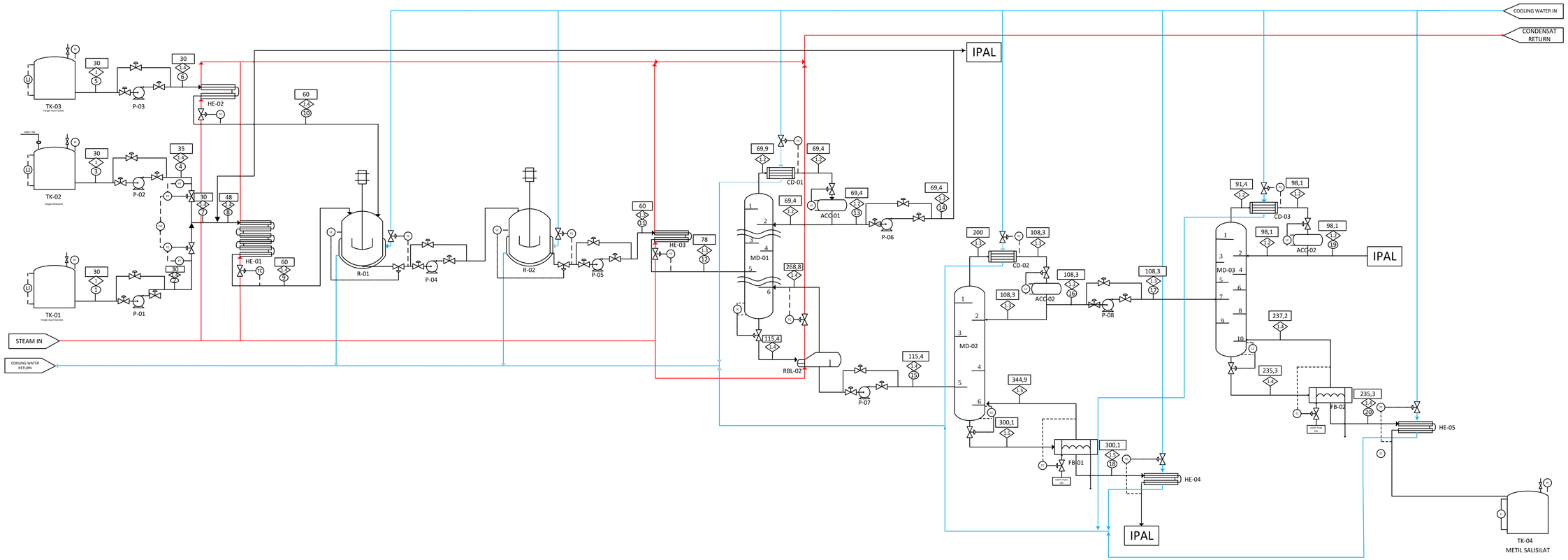

Komponen	Nomor Arus																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
C7H6O3	2910,8376	2910,8376	-	-	-	-	2910,8376	2910,8376	-	87,3251	87,3251	-	-	87,3251	5,2395	5,2395	82,0856	4,9775	0,2620
C8H6O5	38,5624	38,5624	44,7479208	44,7479208	-	-	38,5624	38,5624	-	38,5624	38,5624	-	-	38,5624	-	-	38,5624	-	-
CH3OH	-	-	2245,1848	2245,1848	-	-	5401,8671	5401,8671	-	4746,8907	4746,8907	4509,5462	4509,5462	237,344536	237,3445	237,3445	-	237,3445	-
H2O	-	-	1,7698	1,7698	1,9354	1,9354	15,2500	15,2500	1,9354	385,1497	385,1497	0,917681079	0,917681079	365,892241	365,8922	365,8922	-	365,8922	-
H2SO4	-	-	-	-	516,3302	516,3302	-	-	516,3302	516,3302	516,3302	-	-	516,3302	-	-	516,3302	-	-
C8H8O3	-	-	-	-	-	-	-	-	-	3110,3201	3110,3201	-	-	3110,3201	2923,7009	2923,7009	186,6192	146,1850	2777,7779

NOTASI

- : ALIRAN PROSES
- : ALIRAN PENDINGIN
- : ALIRAN STEAM
- : ELECTRIC CONNECTION
- : NOMOR ARUS
- : TEKANAN, ATM
- : SUHU, CELCIUS
- : CONTROL VALVE
- : PRESSURE RELIEF

INSTRUMEN

FC : *FLOW CONTROLLER*
LC : *LEVEL CONTROLLER*
LI : *LEVEL INDICATOR*
TC : *TEMPERATURE CONTROLLER*
PC : *PRESSURE CONTROLLER*
RC : *RASIO CONTROLLER*

KETERANGAN ALAT

TK : TANGKI PENYIMPANAN
R : REAKTOR
MD : MENARA DISTILASI
CD : CONDENSOR
ACC : ACCUMULATOR
RB : REBOILER
HE : HEAT EXCHANGER
P : POMPA
E : EVAPORATOR
FB : FIRED REBOILER

PROCESS ENGINEERING FLOW DIAGRAM PRA RANCANG PABRIK METIL SALISILAT DARI ASAM SALISILAT DAN METANOL DENGAN KAPASITAS 22.000 TON/TAHUN

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FAKULTAS TEKNIK
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2024