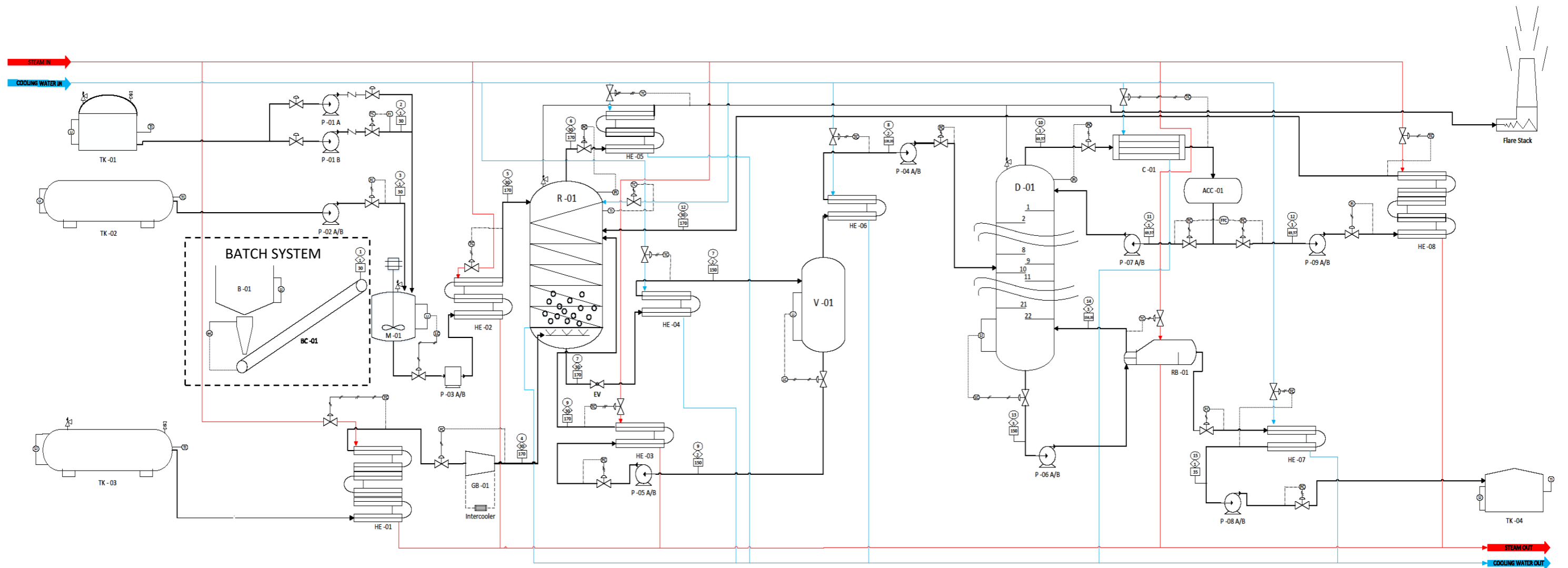


PROCESS ENGINEERING FLOW DIAGRAM
 PRA RANCANGAN PABRIK KIMIA ASAM ASETAT DENGAN KARBONILASI METHANOL DENGAN KATALIS RHODIUM KAPASITAS 58.000 TON/TAHUN



Komponen	Nomor Arus														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CH3I	-	-	642,554	-	642,554	-	642,554	636,130	6,430	636,130	-	636,130	-	-	-
CH3OH	-	4.271,814	-	-	4.271,810	-	43,770	43,470	0,310	43,470	39,610	3,850	-	-	-
H2O	-	2,141	-	-	2,141	-	3,320	3,290	0,030	1,810	0,001	1,810	1,480	1,464	0,01479
CH3COOH	-	-	-	-	-	-	8.405,250	8.066,270	338,980	3,390	0,300	3,090	8.602,220	79,810	7.982.250
Rh	642,553	-	-	-	642,553	-	642,554	-	642,554	-	-	-	-	-	-
CO	-	-	-	3.744,890	-	36,463	-	-	-	-	-	-	-	-	-
H2	-	-	-	74,900	-	74,900	-	-	-	-	-	-	-	-	-
JUMLAH	642,553	4.273,950	642,554	3.819,790	5.559,060	111,361	9.737,45	8.749,150	988,300	684,790	39,910	644,880	8.064,360	82,090	7.982.270

NOTASI

- : ALIRAN PROSES
- : ALIRAN PENDINGIN
- : ALIRAN STEAM
- : SINYAL UDARA TEKAN
- : ELECTRIC CONNECTION
- : NOMOR ARUS
- : SUHU, CELCIUS
- : CONTROL VALVE
- : VENTING
- : PRESSURE RELIEF

INSTRUMEN

- FC : FLOW CONTROLLER
- FI : FLOW INDICATOR
- LI : LEVEL INDICATOR
- TC : TEMPERATURE CONTROLLER
- TI : TEMPERATURE INDICATOR
- PC : PRESSURE CONTROLLER
- PI : PRESSURE INDICATOR
- WC : WEIGHING COUNTER
- FFC : FLOW FRACTION CONTROLLER

KETERANGAN ALAT

- TK : TANGKI PENYIMPANAN
- R : REAKTOR
- MD : MENARA DISTILASI
- C : CONDENSOR
- ACC : ACCUMULATOR
- RB : REBOILER
- HE : HEAT EXCHANGER
- P : POMPA
- EV : EXPANSION VALVE
- BC : BELT CONVEYOR
- M : MIXER
- V : FLASH DRUM
- B : BIN STORAGE
- GB : COMPRESSOR

PROCESS ENGINEERING FLOW DIAGRAM
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 METHANOL DENGAN KATALIS RHODIUM KAPASITAS 58.000 TON/TAHUN

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