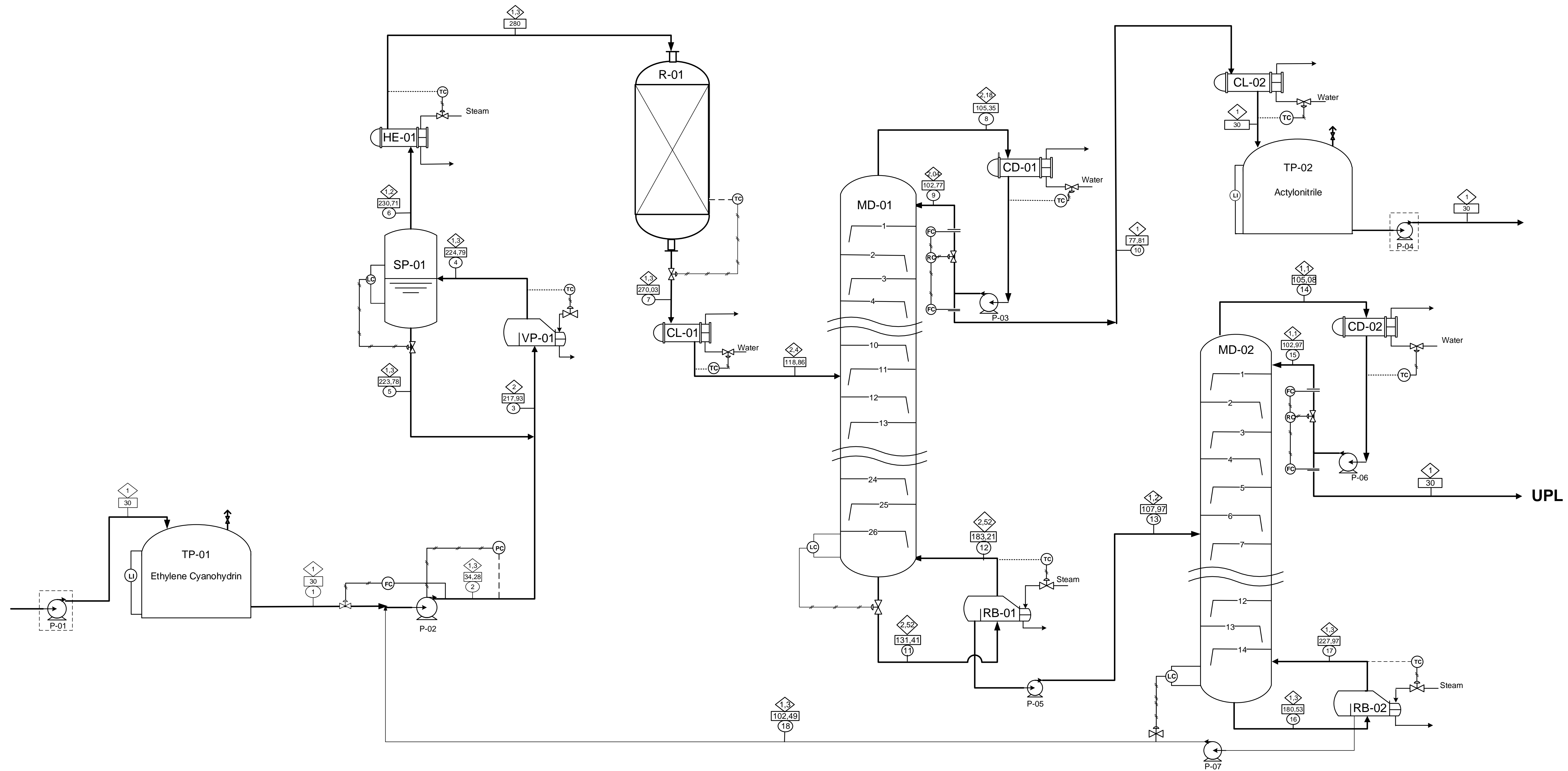


PROCESS ENGINEERING FLOW DIAGRAM
PABRIK ACRYLONITRILE DARI ETHYLENE CYANOHYDRINE
KAPASITAS 40.000 TON / TAHUN



KOMPONEN	Nomor Arus (kg/jam)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
C3H3N	0	0	0	0	0	23,5867	5050,5051	568,368,92	563,368,92	5000	166,8174	115,7983	50,5051	50,5000	72,1328	0,0007	0,0058	0,0051
H2O	1,8887	19,0581	23,8226	23,1226	0,2359	93,068	1734,2881	1,969,46	1,952,13	17,3255	5613,9084	3,896,96	1716,9452	1699,7929	2427,9384	2,2155	19,3851	17,1696
C3H5ON	6773,2525	7517,4833	9396,8542	9396,8542	9303,7861	116,6547	751,7483	0,8545	0,947	0,0075	2,458,00	1,706,25	751,7483	0,0752	0,1074	96,9903	848,656	751,6656
Total	6775,1412	7536,5414	9420,6768	9420,6768	9304,022	233,3094	7536,5415	570339,231	565321,998	5017,333	8238,7229	5719,0103	2519,1986	1750,3681	2500,1786	99,2065	868,0469	768,8403

KETERANGAN

R	: REAKTOR	FC	: FLOW CONTROLLER
MD	: MENARA DISTILASI	LC	: LEVEL CONTROLLER
CD	: CONDENSOR	LI	: LEVEL INDICATOR
RB	: REBOILER	RC	: RATIO CONTROLLER
ST	: STRIPPER	TC	: TEMPERATURE CONTROLLER
VP	: VAPORIZER	PC	: PRESSURE CONTROLLER
SP	: SEPARATOR	NOMOR ARUS	
HE	: HEATER	◊	: SUHU, °C
CL	: COOLER	◊	: TEKANAN, ATM
P	: POMPA	◊	: KONTROL KATUP
TP	: TANGKI PENYIMPAN	—	: ARUS UTAMA
		—	: SUPLAI LISTRIK
		—	: UDARA TEKAN

UNIVERSITAS ISLAM INDONESIA

PROCESS ENGINEERING FLOW DIAGRAM
PRARANCANGAN PABRIK ACRYLONITRILE
DARI ETHYLENE CYANOHYDRINE
 KAPASITAS PRODUKSI 40.000 TON/TAHUN

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PROGRAM STUDI TEKNIK KIMIA S-1
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 YOGYAKARTA
 2018