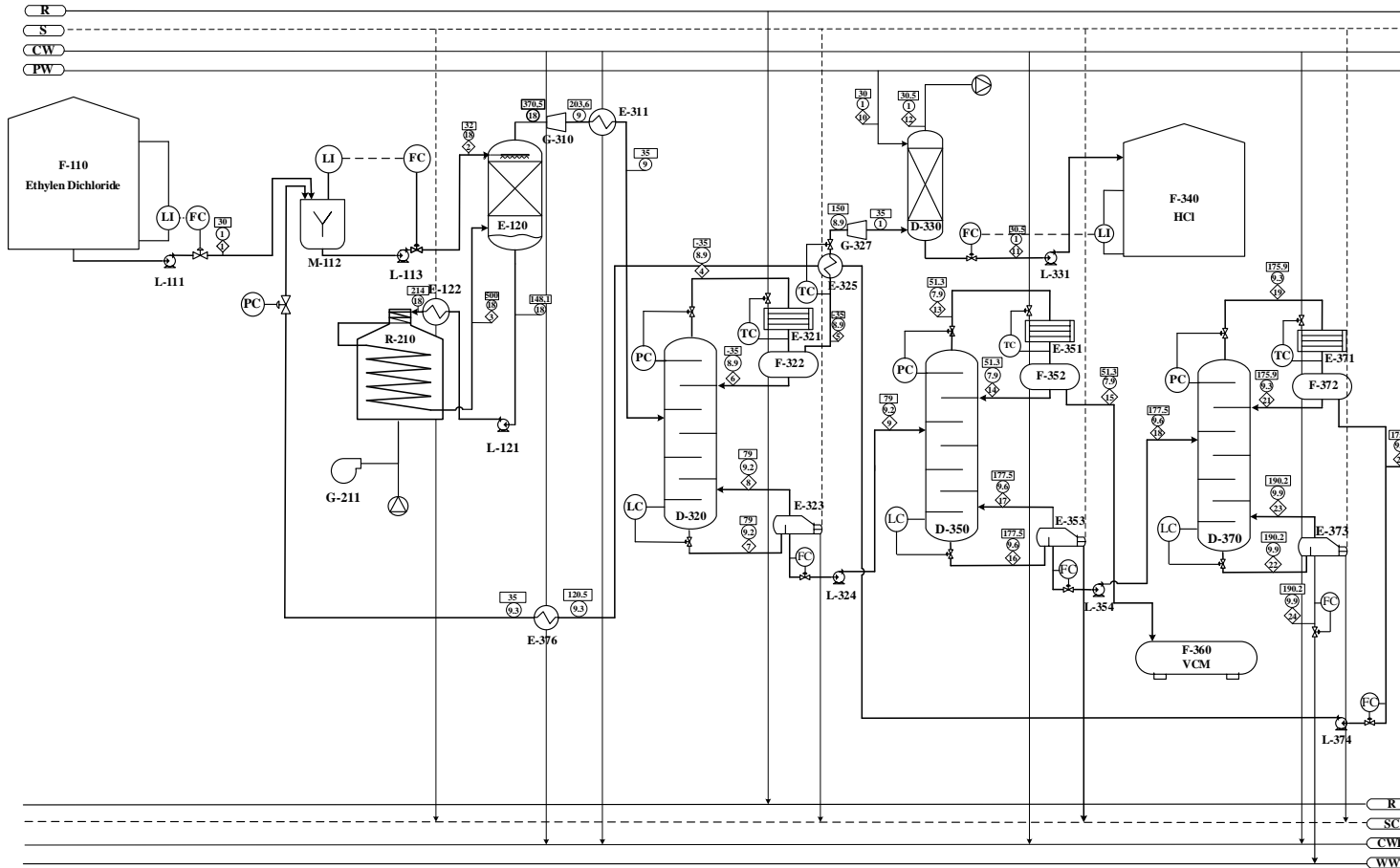


PABRIK VINYL CHORIDE MONOMER DARI ETHYLENE DICHLORIDE DENGAN PROSES CRACKING



KETERANGAN :

- ◇ TITIK NERACA MASSA
- SUHU °C
- TEKANAN (ATM)
- PW WATER PROCESS
- S STEAM
- CW COOLING WATER
- CWR COOLING WATER RETURN
- SC STEAM CONDENSAT
- WWT WASTE WATER TREATMENT
- R REFRIGERANT

No.	KODE	NAMA ALAT
1	F-110	TANGKI BAHAN ETHYLENE DICHLORIDE
2	L-111	POMPA 1
3	M-112	MIXER
4	L-113	POMPA 2
5	E-120	QUIESCHTOWER
6	L-121	POMPA 3
7	E-122	VAPORIZER
8	R-210	REAKTOR FURNACE
9	G-211	BLOWER
10	G-310	EKSPANDER 1
11	E-311	COOLER 1
12	D-320	DISTILASI I
13	E-321	KONDENSOR DISTILASI I
14	F-322	TANGKI AKUMULAOIR DISTILASI I
15	E-323	REBOLER DISTILASI I
16	L-324	POMPA 4
17	E-325	HEAT EXCHANGER
18	G-327	EKSPANDER 2
19	D-330	ABSORBER
20	L-331	POMPA 5
21	F-340	TANGKI HCl
22	D-350	DISTILASI II
23	E-351	KONDENSOR DISTILASI II
24	F-352	TANGKI AKUMULAOIR DISTILASI II
25	E-353	REBOLER DISTILASI II
26	L-354	POMPA 6
27	F-360	TANGKI VCM
28	D-370	DISTILASI III
29	E-371	KONDENSOR DISTILASI III
30	E-372	TANGKI AKUMULAOIR DISTILASI III
31	E-373	REBOLER DISTILASI III
32	L-374	POMPA 6
33	E-376	COOLER 2


 JURUSAN TEKNIK KIMIA
 FAKULTAS TEKNIK
 UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN"
 JAWA TIMUR
 2024

FLWSHEET
PABRIK BIODIESEL VINYL CHLORIDE MONOMER DARI ETHYLENE DICHLORIDE DENGAN PROSES CRACKING

DOSEN PEMBIMBING	: Ir. Kenti Sumada, M.S.	MENGETAHUI:
DESKRIBSI OLEH	: Achmad Abdillah	
NPM	: 20031010178	

KOMPONEN	ALIRAN MASSA (kg/jam)																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
C ₂ H ₄ Cl ₂	20128,8530	33323,7308	13329,4923				18299,3324	4969,8401	13329,4923				1,5427	0,2097	1,3329	36466,2196	23138,0602	13328,1594	27818,4051	13194,8778	14623,5274	26479,5388
C ₂ H ₃ Cl ₃	10,0745	11,1882	11,1882				15,3597	4,1715	11,1882							30,6113	19,4231	11,1882	2,3588	1,1188	1,2400	2000,5258
C ₄ H ₅ Cl	10,0745	11,1882	11,1882				15,3597	4,1715	11,1882				11,6537	1,5843	10,0694	3,0611	1,9423	1,1188	2,3588	1,1188	1,2400	
C ₂ H ₃ Cl			12627,5254	2,2226	1,2628	0,9599	17333,9067	4707,6441	12626,2626			1,2628	14612,8402	1986,5776	12626,2626							
HCl			7366,7131	12965,2071	7365,9764	5599,2307	1,0113	0,2747	0,7367			7365,9764	0,8526	0,1159	0,7367							
H ₂ O											12542,0680	12542,0680										
Total	20149,0020	33346,1073	33346,1073	12967,4298	7367,2392	5600,1906	35664,9698	9686,1018	25978,8681	12542,0680	19908,044	1,2628	14626,8892	12638,4017	1988,4875	36499,8920	23159,4256	13340,4664	27823,1227	13197,1154	14626,0073	28480,0646