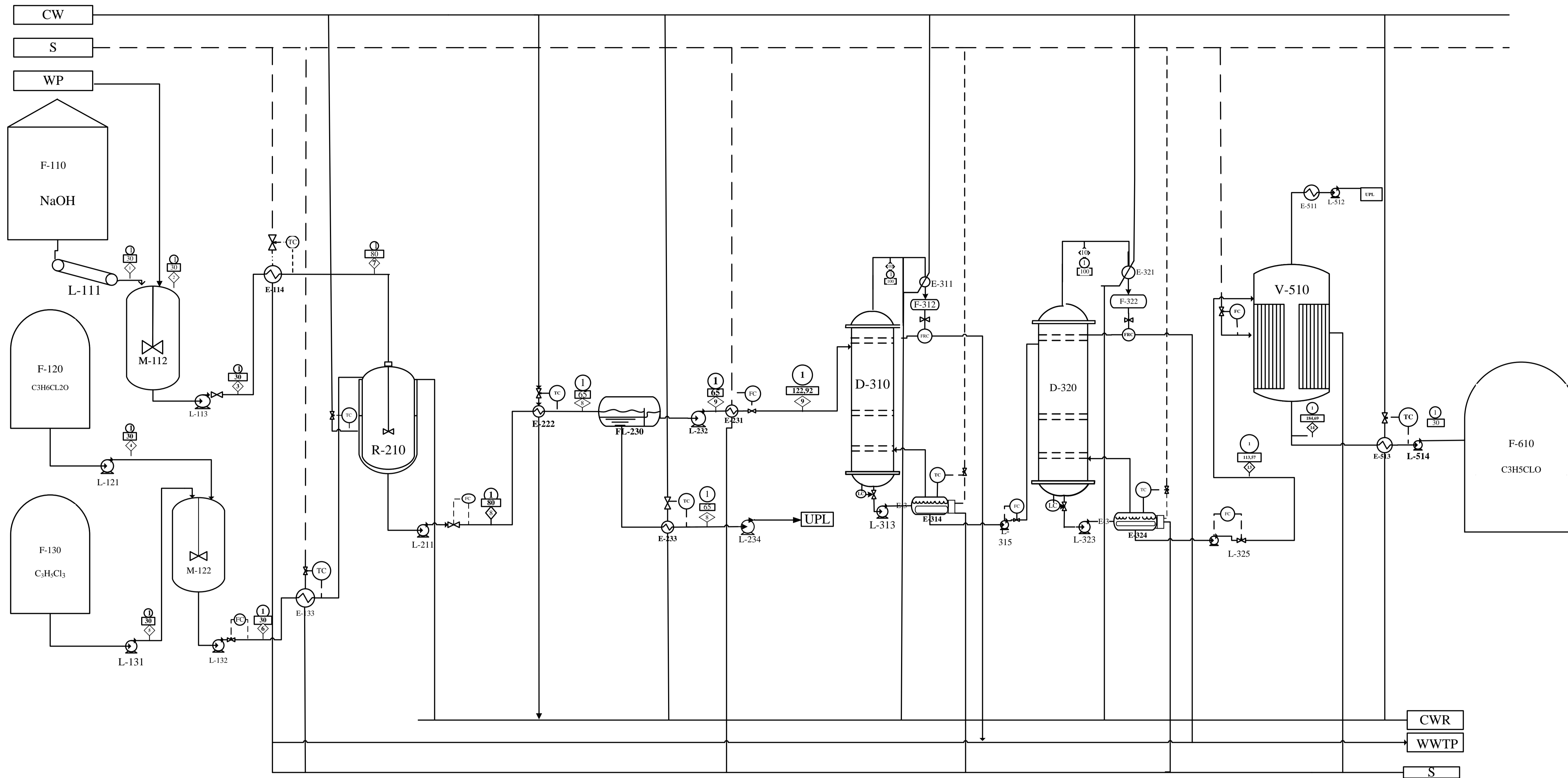


FLOWSHEET PABRIK EPIKLOROHIDRIN DARI DIKLOROHIDRIN DAN NAOH

KETERANGAN :

	Temperatur : °C
	Aliran Massa : kg/jam
	Tekanan : atm
	Steam : 148 °C – 4,5 atm
	Steam Condensate
	Cooling Water
	Cooling Water Return
	Waste Treatment Plant



42	F-610	Tangki Penampung Epiklorohidrin
41	E-512	Pompa-13
40	E-511	Cooler 5
39	FE-510	Evaporator
38	L-431	Pompa-13
37	E-430	Boiler-2
36	L-421	Pompa-12
35	E-420	Cooler 4
34	L-413	Pompa-11
33	E-412	akumulator-2
32	E-411	Condensor 2
31	D-410	Destilasi 2
30	L-331	Pompa-10
29	E-330	Reboiler-1
28	L-321	Pompa-9
27	E-320	cooler 3
26	L-313	Pompa-8
25	E-312	akumulator-1
24	E-311	Condensor 1
23	D-310	Destilasi
22	L-234	Pompa-7
21	E-231	heater 3
20	L-232	Pompa-6
19	E-233	Cooler 2
18	FL-230	Decanter
17	E-222	Cooler 1
16	L-221	Pompa-5
15	R-220	Reaktor 2
14	L-211	Pompa-5
13	R-210	Reaktor-1
12	E-133	heater 2
11	L-132	Pompa-4
10	L-131	Pompa-3
9	F-130	Tangki penampung Trikloropropan
8	M-122	Mixer -2
7	L-121	pompa 2
6	F-120	Tangki penampung Diklorohidrin
5	L-113	pompa 1
4	E-114	Heater 1
3	M-112	Mixer -1
2	L-111	Screw Conveyor
1	F-110	Tangki penampung NaoH
NO	KODE	NAMA ALAT
DIGAMBAR		Mohammad Kimpria P
NPM		17031010186
DOSEN PEMBIMBING:		Ir. Kindriari Nurma W, MT.
FLOW SHEET		
PRA RENCANA PABRIK EPIKLO ROHIDRIN DARI DIKLORO HIDRIN DAN NAOH		
PROGRAM STUDI TEKNIK KIMIA		
FAKULTAS TEKNIK		
UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN"		
JAWA TIMUR		
2024		

Aliran Massa (kg / jam)

KOMPONEN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NaOH	3289,9895		3289,9895				213,8493	213,8493						
C3H6Cl2O				10859,5155		10859,5155	43129,0826	446,7448	42682,3378	42189,78	426,8234	426,8234	0000	0000
C3H5Cl3					156,5527	156,5527	15655,2671		15655,2671	15655,2671				
C3H5ClO							7185,2308	170,6407	7014,5901	69,2003	6944,4442	6944,444	6249,9998	6249,9998
NaCl							4494,8086	4494,8086						
H ₂ O	67,1426	14920,587	14987,7300	109,6921	1,5183	111,2734	16484,5240	16037,6026	446,9214		446,9214		446,9214	63,1313
TOTAL	3357,1321	14920,587	18277,7195	10969,2076	158,071	11127,3416	87162,7624	21363,6460	65799,12	57757,7014	7818,189	1121,2678	6696,9212	6313,1311

