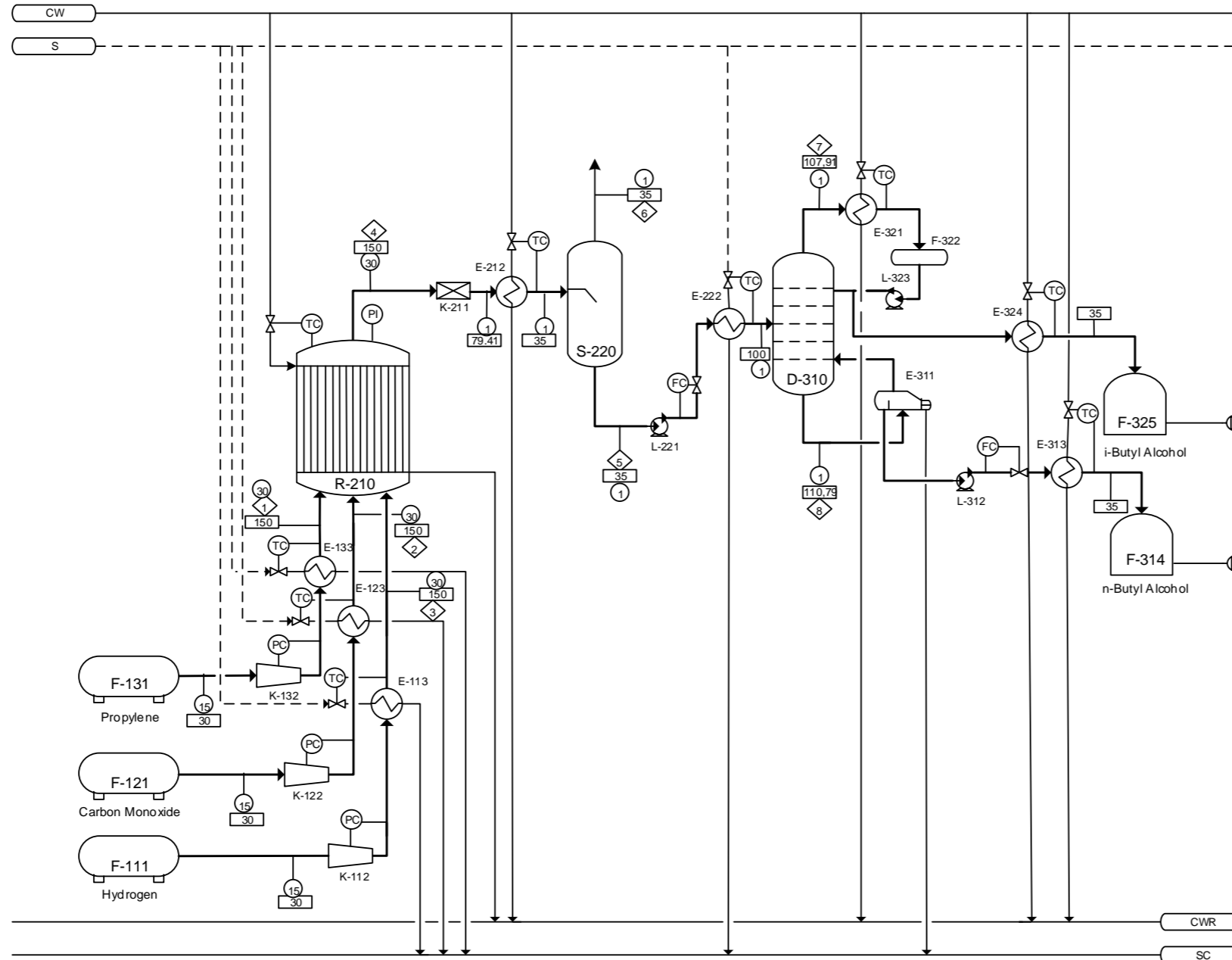


PABRIK N-BUTYL ALCOHOL DARI HYDROGEN, CARBON MONOXIDE, DAN PROPYLENE DENGAN PROSES OXO SINTESIS



- Temperatur ; °C
- Aliran Massa ; kg/jam
- Tekanan ; atm
- S Steam
- SC Steam Condensate
- CW Cooling Water
- CWR Colling Water Return

25	F-325	Storage Tank i-Butyl Alcohol
24	E-324	Cooler
23	L-323	Pompa
22	F-322	Akumulator
21	E-321	Kondensor
20	F-314	Storage Tank n-Butyl Alcohol
19	E-313	Cooler
18	L-312	Pompa
17	E-311	Reboiler
16	D-310	Distilasi
15	E-222	Heater
14	L-221	Pompa
13	S-220	Flash Drum
12	E-212	Cooler
11	K-211	Expansion Valve
10	R-210	Reaktor
9	E-133	Heater Gas Propylene
8	E-123	Heater Gas Carbon Monoxide
7	E-113	Heater Gas Hydrogen
6	K-132	Kompresor Gas Propylene
5	K-122	Kompresor Gas Carbon Monoxide
4	K-112	Kompresor Gas Hydrogen
3	F-131	Tangki Gas Propylene
2	F-121	Tangki Gas Carbon Monoxide
1	F-111	Tangki Gas Hydrogen

NO	KODE	NAMA ALAT
PABRIK N-BUTYL ALCOHOL DARI HYDROGEN, CARBON MONOXIDE, DAN PROPYLENE DENGAN PROSES OXO SINTESIS		
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Dosen Pembimbing	: Prof. Dr. Ir. Sri Redjeki, MF	
PROGRAM STUDI TEKNIK KIMIA FAKULTAS TEKNIK UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN" JAWA TIMUR 2022		

Komponen	1	2	3	4	5	6	7	8
C3H6	3216,0788			32,1608		32,1608		
C3H8	8,7874			8,7874		8,7874		
CO2	1,3495			1,3495		1,3495		
CO		2140,7662		21,4077		21,4077		
N2		70,7919		70,7919		70,7919		
H2			308,1493	3,0815		3,0815		
O2			0,0096	0,0096		0,0096		
n-C4H9OH				5098,4949	5096,3738	2,1210	50,9637	5045,4101
i-C4H9OH				509,8495	509,4990	0,3505	504,4040	5,0950
Total	3226,2156	2211,5581	308,1588	5745,9325	5605,8728	140,0598	555,3677	5050,5051