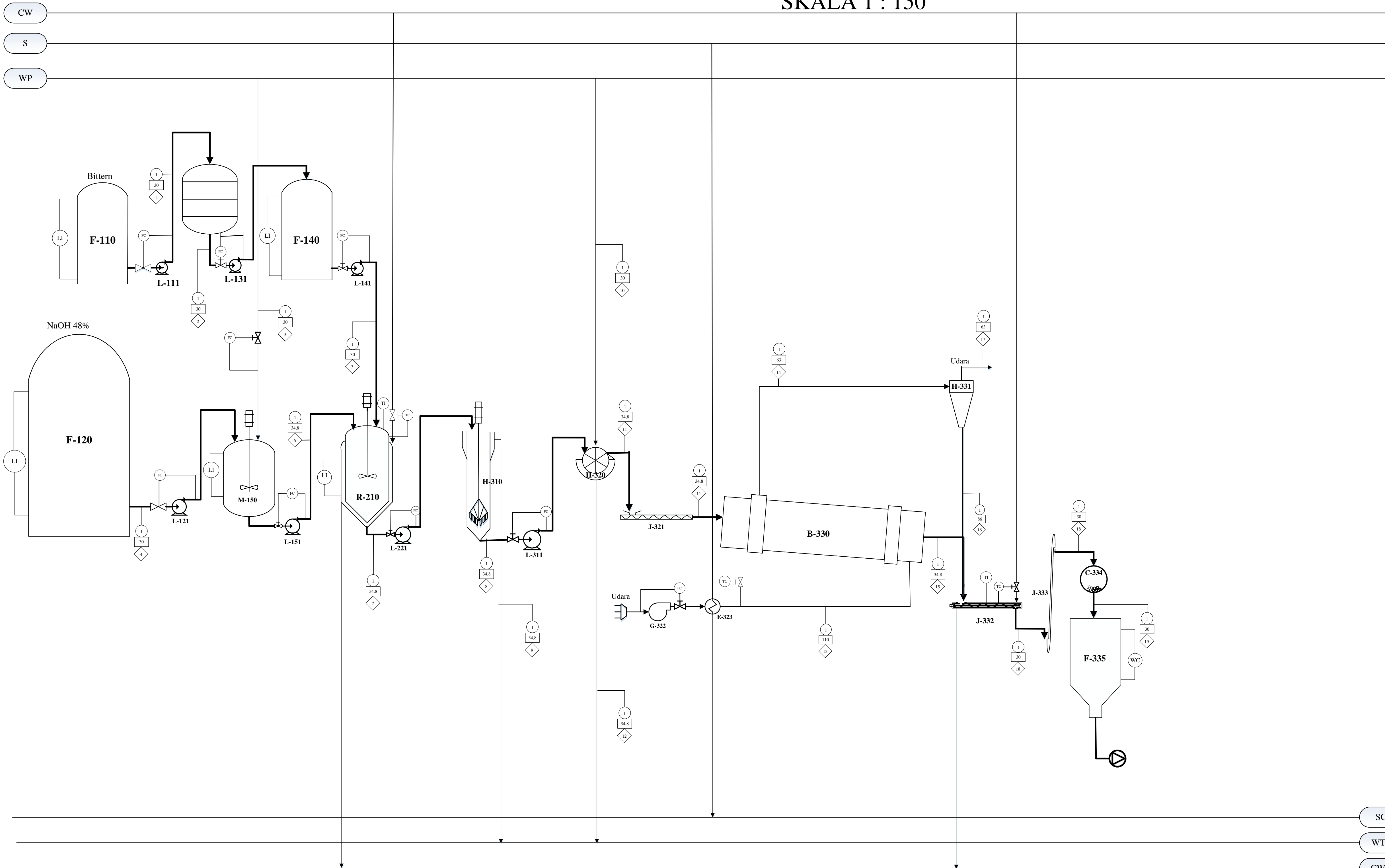


# PABRIK MAGNESIUM HIDROKSIDA DARI BITTERN DAN NATRIUM HIDROKSIDA

SKALA 1 : 150



KETERANGAN :

	Temperatur ; °C
	Aliran Massa ; kg/jam
	Tekanan ; atm
	Steam
	Water Proses
	Cooling Water
	Cooling Water Return
	Steam Condensate
	Waste Treatment Plant

23.	F-335	SILO MAGNESIUM HIDROKSIDA
22.	C-334	BALL MILL
21.	J-333	BUCKET ELEVATOR
20.	J-332	COOLING CONVREIYOR
19.	H-331	CYCLONE
18.	B-330	ROTARY DRYER
17.	E-323	HEATER
16.	G-322	BLOWER
15.	J-321	SCREW CONVREYOR
14.	H-320	ROTARY DRUM VACUM FILTER
13.	L-311	POMPA 7
12.	H-310	THICKENER
11.	L-221	POMPA 6
10.	R-210	REAKTOR
9.	L-151	POMPA 5
8.	M-150	MIXER
7.	L-121	POMPA 4
6.	H-130	SAND FILTER
5.	L-141	POMPA - 3
4.	L-131	POMPA 2
3.	L-111	POMPA 1
2.	F-120	TANGKI NATRIUM HIDROKSIDA
1.	F-110	TANGKI BITTERN

Komponen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MgSO4	10,8573	10,8573	10,8573				7,35907	0,32602	7,03305	0	0	0,32602							
MgCl2	52,989	52,4591	52,4591				35,5567	1,57521	33,9814	0	0	1,57521							
NaCl	26,099	25,838	25,838				6086,59	269,644	5816,94	0	0	269,644							
H2O	170,653	168,946	168,946	3775,25		66212,1	77663,3	3440,59	74222,7	1250,63	247,842	4443,38	0	2,52652	22,7386	2,51388	0,01263	25,2525	25,2525
Mg(OH)2							2501	2501	0	0	2501,25	0	0	250,125	2251,13	248,874	1,25063	2500	2500
NaOH				3484,85		3484,85	34,8485	1,54384	33,3047	0		1,54384							
Na2SO4							862,115	38,1929	823,922	0		38,1929							
Air Proses					62436,9														
Udara Kering										0			148199						
Uap														222,577	0		222,577		
<b>Total</b>	<b>260,598</b>	<b>258,101</b>	<b>258,101</b>	<b>7260,1</b>	<b>62436,9</b>	<b>69697</b>	<b>87191</b>	<b>6253,13</b>	<b>80937,9</b>	<b>1250,63</b>	<b>2749,09</b>	<b>4754,66</b>	<b>148199</b>	<b>475,229</b>	<b>2273,86</b>	<b>251,388</b>	<b>223,84</b>	<b>2525,25</b>	<b>2525,25</b>

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**FLWSHEET PABRIK MAGNESIUM HYDROXIDE DARI BITTERN DAN NaOH**


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