HEIS WITH NO. CONHO. It contains

x +AP. 132.6 c

De comper to NH3 A lest young acod

CO(NH2) _ NH3+ HNCO

* Fairly soluble in Woter. (1109m)1009m

at 20°()

Erdwed: Frontilizer, Polymens: (Unes fermoldohyden netins to adhetive), modamine fermoldohyde. Netins... * controls 20. Nox + Unes > Coet +21

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X Initial Morett

Cache + Heot ros > carost Chill

Children Heor Cochhels.

Habers process in 1913. A flew 2 NH3(2)+ CO2 = - MHOCODHH4 Ch . I state m [N F 11 -= HC > FORK DRYOUS NH2 ro NH2 + H20 MH2 COONHH ==> MIN 5 21 + = H C clowd endo todnic. sim not one u PHO EOR NXN god Fo +2117 X condition high procesure employed. and nxn doored gobo * HOW and complete. convert 27 on (for 102 all 50-80% (underivable) Side 1xn NHORONH CONA2 2 MHO, CO, NH2 1 1 to AHOOON HA = OCH+ deHHOOD SIERIENDEH - 2 NH3. CO2.

(0 (4 HD) 5 -> H HT M CO -> H H3+ (HHCO.) Disporment of the state of the * Differ marry in the conselling C T4 P, A composition a consulted NH30100. AILMAND 0.65 230 195 04 don environ A Dino 530 195 160

In Effect of composition

Deduces MH3: (00 notions)

What conversion but

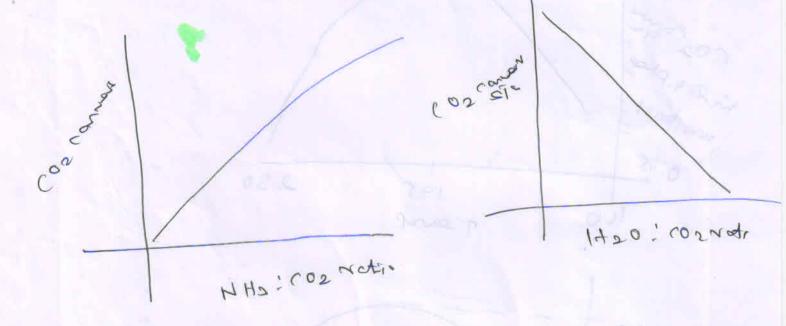
Wedness MH3 conversion

DINCHEORE to amounted H20 in CO)

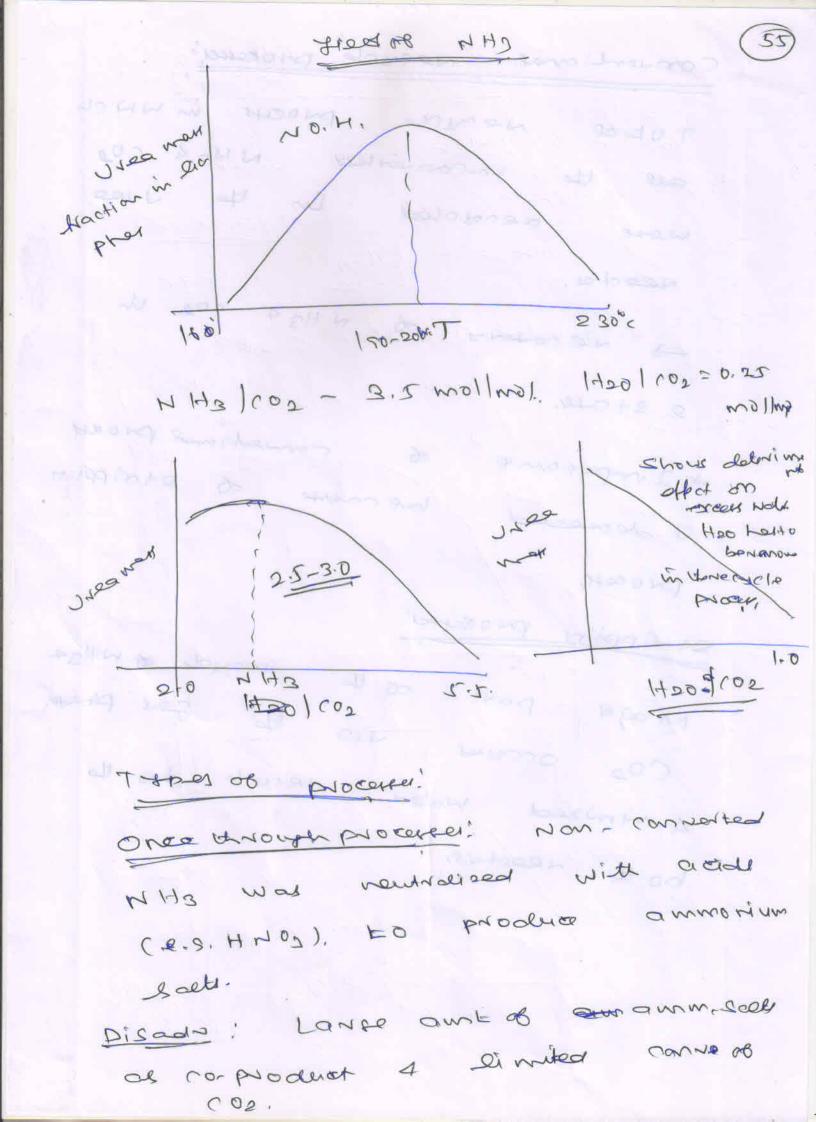
We wilted compare (74 in H20 % CO)

We wilted comeste cold NH2 comeste

demeste in



corre massimizin to soletin to right (nilonia for soletin) process paranotro



Convertional versele processes?

TOED NEMOTE PHOTEK IN WHICH un-converted NH34 (0) all to In to Jues nergoled

NREOTO.

02 in -> HE COTONA OP M H34

100 2 state, 100 100 212 - 200 214 14

of convertines prous * Impatan & because do strippion demested proceed

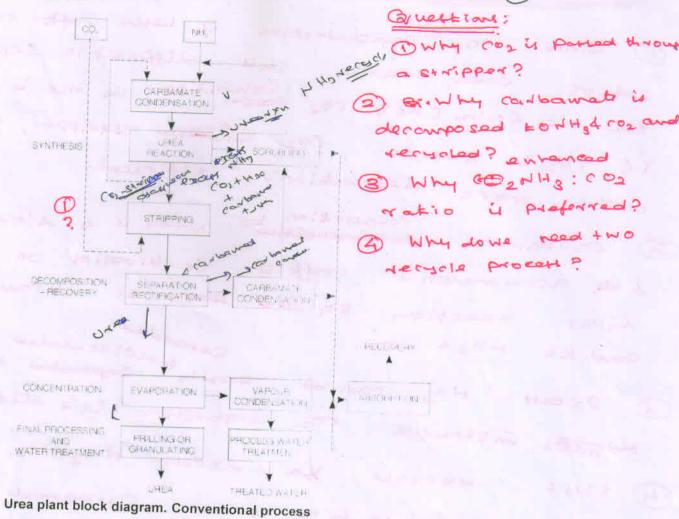
STATEDIN PROGETERS.

JECAUP & MHJ4 Maja Part of the to god phase. CO2 Occurs 1/19 A ministed water recycle to to

both reactors.

Stripping Process -> Pool reactor





WH30 102 a recalled * All to unconvented necinculation There are EWO Stages. medlum is in oper ched tora first ak 1000 ANetsone and (18-25 bas). OF 2-5 ban * Fix St recirculation State comprises. Spacentotes conpound O Decomposition boder -> getel FO NH3 4 CO2 from i separated + unreacted off sos ag. At Ammorium rounds a heracital Sebanda reructed as con aquer a my is ran C02 4

@ operates of high ship: 102 Notion (4-5)

apuelle

Arswers for Question!

- Desince concentration is letter after coming out of one reacter this difficult to sepander out of one of each collision in the is test to sepander the collision of the collisio
- 2) Canbamote decomposition unes is a slow reaction of the decomposition offects the Minotics of the first neartion. 80, it is soly to decompose the first neartion. 80, it is soly to decompose capacitated.
- 3) Exect NH3 ran be eatily approved as

 NH3 ran be eatily approved as

 NH4 102 separation (It's difficult)
- FINS+ MENGELD HON DXECH MHgd (D2.)

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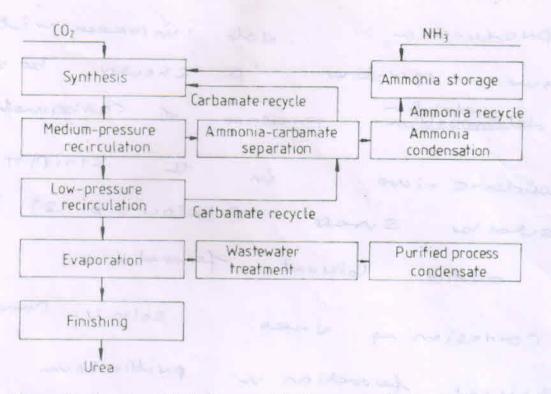


Figure 24. Functional block diagram of the Snamprogetti self-stripping process

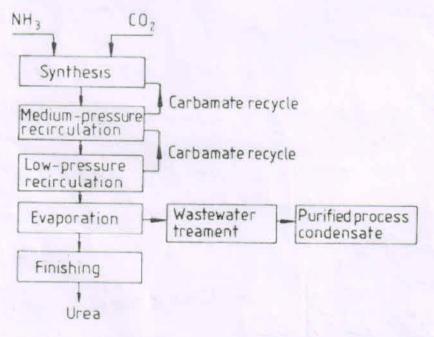


Figure 26. Functional block diagram of the ACES urea process

Maja entinening problems!

- Deposition note innead with pressure to chow the detaposition pressure to carbamet
- Desidence time in the Stripity column Should be small (below to s) became to avoid bimet formation
 - Discound of mithing is nothing to the Birthing is nothing to the Birthing in the self the Birthing in the self the self