

CO 03 CODE KY-787-D PKG. _____

EST. WGT. DEC 22 1090 33457 LBS.

STD. HRS. 8.9 TIME 7 A M

14 - YC-2-B 98 4 Lot 24168, 2000 #
Lot 24170, 400 #
Lot _____, _____ #

PROCESSES	APPROVED BY
() KY-787-D	() FWK 9/22/76
()	() DCG 9/27/76
()	() MTW 9/30/76
()	()
TYPED BY	
N.E. 2/12/77	

OR
H
① Homog #4-1st-Pass
#3-2nd-Pass

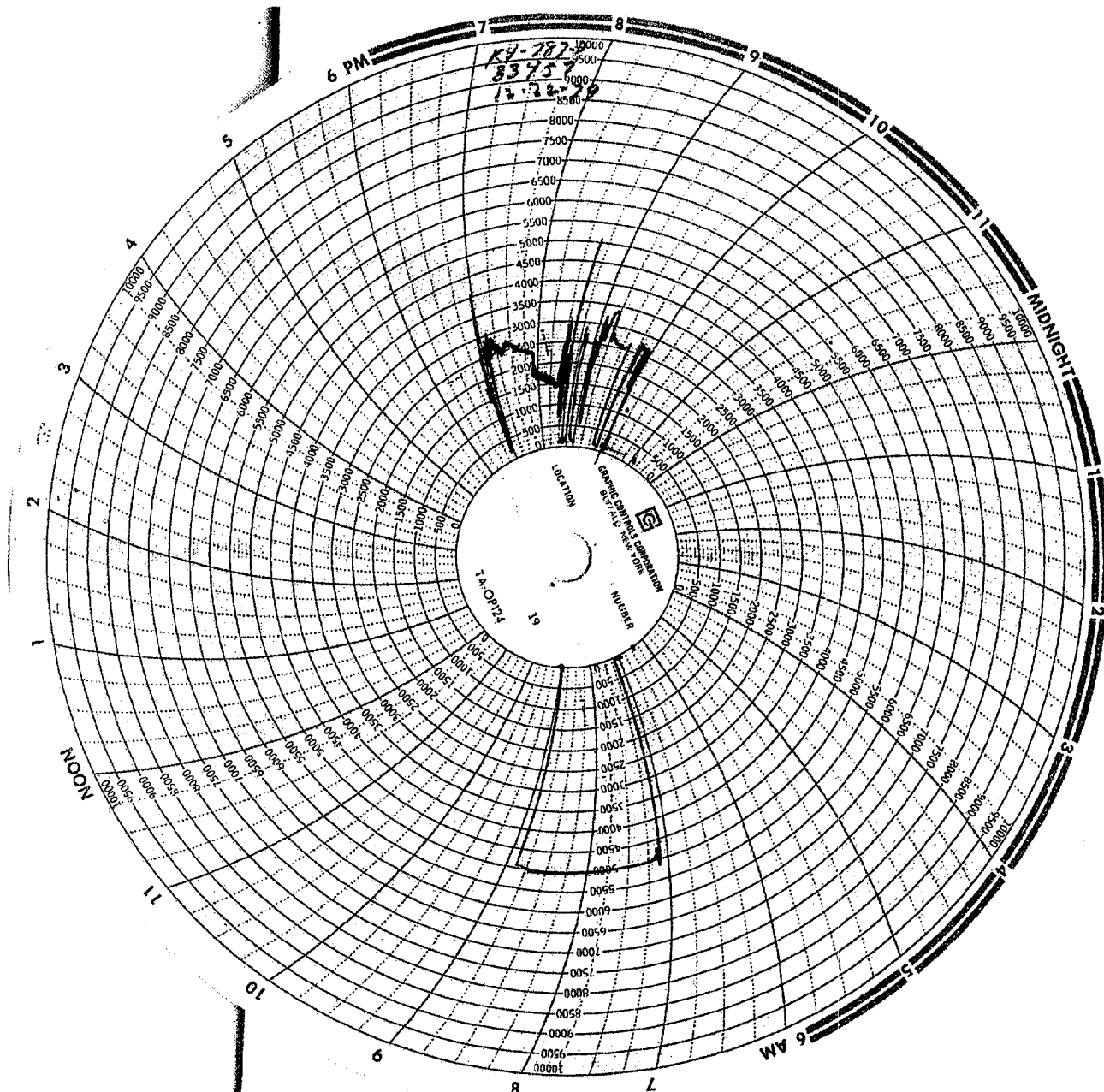
Total Wgt. - 3490#

NON-BLEEDING

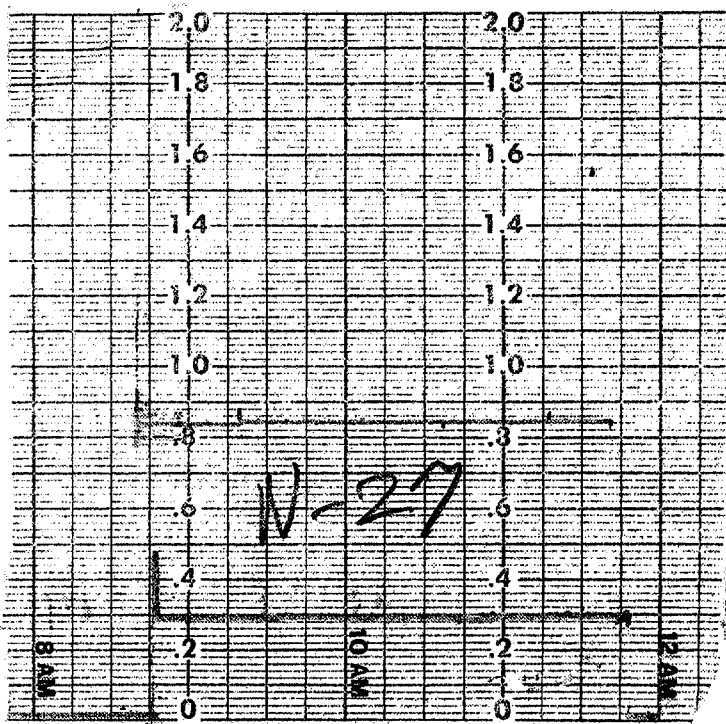
IPMENT	NAME	USE LBS.	N CODE	ACCT. LBS.
203 & 205 1	1 Run 10" (992 G) water into V-203 2 Weigh in drum & pour in 3 Dump in and stir 5 min Record: Start 3:30 PM Fin 4:30 PM	320 48 x 50 2000 400	32-D YC-2-B	320 2400
	4 Adj to 70" (1200 G) 2400-2600 5 Pump V-203 thru Homog #3 at 1800-2200 psi into V-205 6 When V-203 MTY, wash color thru Homog at 1800-2000 psi using minimum water 7 Record V-205 Vol 40 " & adj to 60" (2100 G) 8 Inspect Homog strainer & clean if necessary			
205 & SV 2	9 Run 10" (514 G) water into SV & start agitator 10 Pump V-205 thru Homog at 4800-5200 psi into V-243 Record: Time start 7:104 Total Min 120 NOTE: If Homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-205 11 When V-205 MTY, run in 5" (240 G) water and pump thru Homog at 4800-5200 psi			
SP & CP 3	12 SP Step 01 - Set Formula Selector to position #2 (V-243) or #7 (V-244) 13 Press SV Cam Reset PB-set 22TC in Auto Remote (Temperature is set at 190-194F) 14 Record levels and set Raw Materials Counter #1 as follows: a. 11LG 64% - preset #1 80 Gal b. 13LG 56% - preset #6 135 Gal 15 Set strike flow controllers as follows: a. 3FC10 (N-27-D Controller) in Manual 0.83 GPM b. 3FC20 (N-27-D Water) in Manual Local 5.28 GPM c. 3FR10 (N-27-D/Water Ratio) 0.64 d. 8FC10 (N-32-D Controller) in Manual 1.08 GPM e. 8FC20 (N-32-D Water) in Manual Local 4.47 GPM f. 8FC20 (N-32-D Water) in Remote g. 8FR10 (N-32-D/Water Ratio) 0.83		15-A 20-A 27-D 32-D	160 135 275 1840
SV & SP 4	16 Operator Step PB 17 Record Level 2 LG 63 %. If below 35% follow solution make-up procedure for N-27-D 18 Adj to 48" (2470 G) 19 Record pH 10.6 20 Adj to 11.1 - 11.3 using N-7-D diluted to 5% Assume 50% (10 parts water to 1 part N-7-D) Siphon into SV. Record pH 11.1 21 Operator Step PB	20	1-D	10

V-243

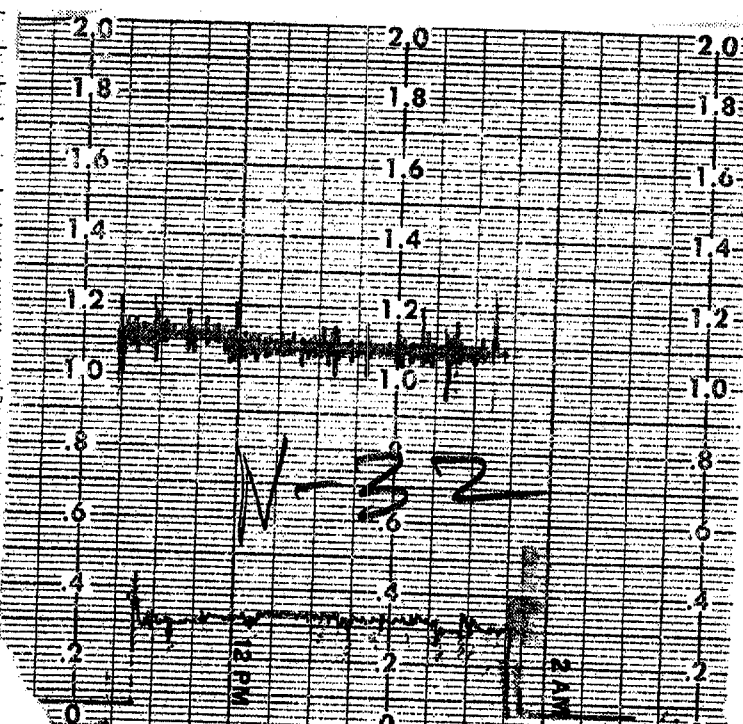
JIPMENT	PAGE 2	CG 03	CODE KY-787-D	EST. WGT. 3490	LBS.	USE LBS.	N CODE	ACCT LBS.
SV	22	SP Step 06/39 - After heat up Record: pH <u>10.0</u> (9.5-10.0)						
SP	23	Switch 3FC20, 8FC10, 8FC20 to Auto						
&	24	Operator Step PB						
CP	25	SP Step 10/43 - When 3FC20, 8FC10, 8FC20 water flows in limits						
5		Switch 3FC10 to Auto. Operator Step PB						
	26	SP Step 11/44 - When 3FC10, 3FC20 flows in limits, switch 3FC20 to Remote.						
	27	Operator Step PB						
	28	During strike, record pH & time as follows:						
		SP STEP						
		V-243/V-244	pH	Range	Time			
		13/46 (30 min)	<u>9.9</u>	9.0-10.0	<u>12:00</u>			
		14/47 (60 min)	<u>9.9</u>	9.0-10.0	<u>12:30</u>			
		15/48 (2 hrs)	<u>9.9</u>	9.0-10.0	<u>1:30</u>			
		16/49 (2 hrs 25 min)	<u>9.9</u>	9.0-10.0	<u>1:55</u>			
		17/50 (3 hrs Final)	<u>7.6</u>	7.5-8.5	<u>2:30</u>			
		NOTE: If not as specified notify Supervisor & note in log						
		If final pH is above 8.5, add pH to 7.5-8.5 &						
		Record: pH			Assume 77%		27-D	
339	29	While striking, run 30" (234 G) water into V-339						
6	30	Add in 7-8 min				350	530-A	350
	31	Adj to 49" (382 G) at 80 - 100°F						
	32	Stir 5 min & record pH <u>10.1</u> (9.5-10.5)						
	33	Stir 15 min or longer to dissolve for SP Step 26						
	34	Record Vol <u>49</u> & calculate <u>49</u> (Vol) x 0.78 = <u>38.2</u>						
	35	Set preset #8 to <u>38.2</u> G from S 34						
302	36	Add 30" (360 G) water to V-302						
7	37	Add & stir 2 min For S 41			Assume 50%	160	7-D	80
243	38	SP Step 17/50 - After checking pH, Operator Step PB						
	39	SIFT in 2 Bags				100	128-A	100
SP	40	SP Step 23/53 - Record: pH <u>3.5</u> (3.7-4.2)						
&	41	Run in N-7-D from S 37 in 10-12 min & stir 5 min						
CP	42	Record: pH <u>9.3</u> (9.0-9.5) & if necessary adj pH 9.0-9.5						
8		& Record: pH			Assume 77%		27-D	
		(Dilute 10 parts water to 1 part N-7-D)			Assume 50%		7-D	
		Siphon N-7-D into SV						
	43	Operator Step PB						
	44	SP Step 29/58 Record: pH <u>9.2</u> (9.0-10.0) Time <u>3:20</u>						
	45	Operator Step PB						
	46	SP Step 60 - Batch complete						
		PUMPED TO V-240						
		Start	Finish	Optr				
		Time	SP Step	Time	SP Step			
		<u>7:00P</u>		<u>11:00P</u>	<u>126-101</u>			
		<u>2:00A</u>		<u>3:00PM</u>	<u>235</u>			
		<u>3P</u>		<u>3:30P</u>	<u>120</u>			



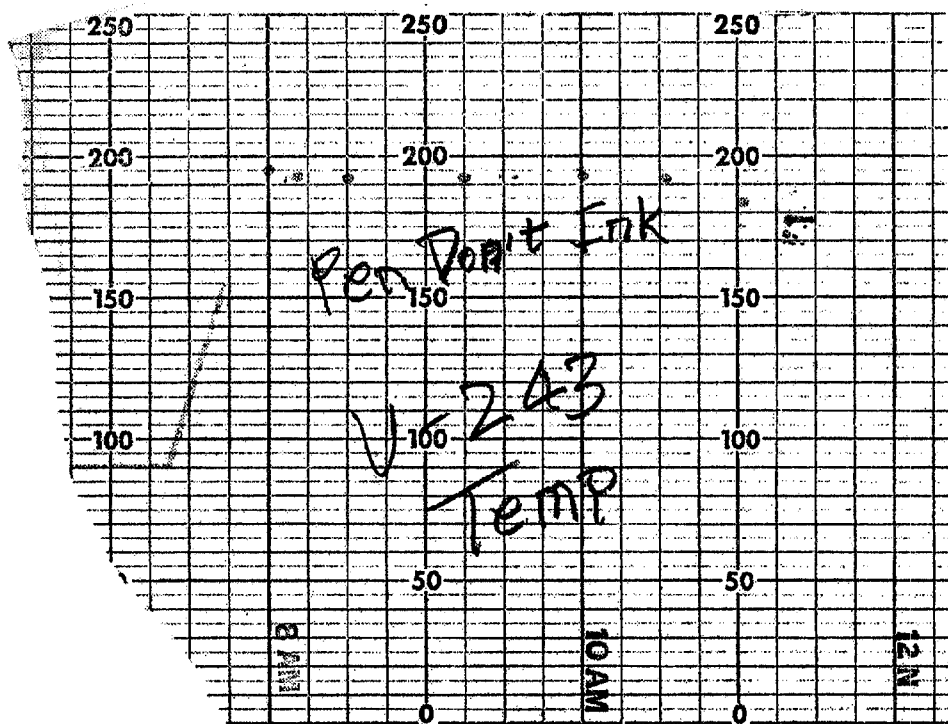
V-243



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