

GG 03 CODE KY-787-D PKG.
 FEB 25 34557
 EST. WGT. ~~1090~~ 990 LBS.
 STD. HRS. 8.9 TIME 11P M

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	

14 - YC-2-B 98 4 Lot 24061, 2000 #
 Lot 24064, 400 #
 Lot , #

PUNCHED & CHECKED

Total Wgt. -- 3490# 3390

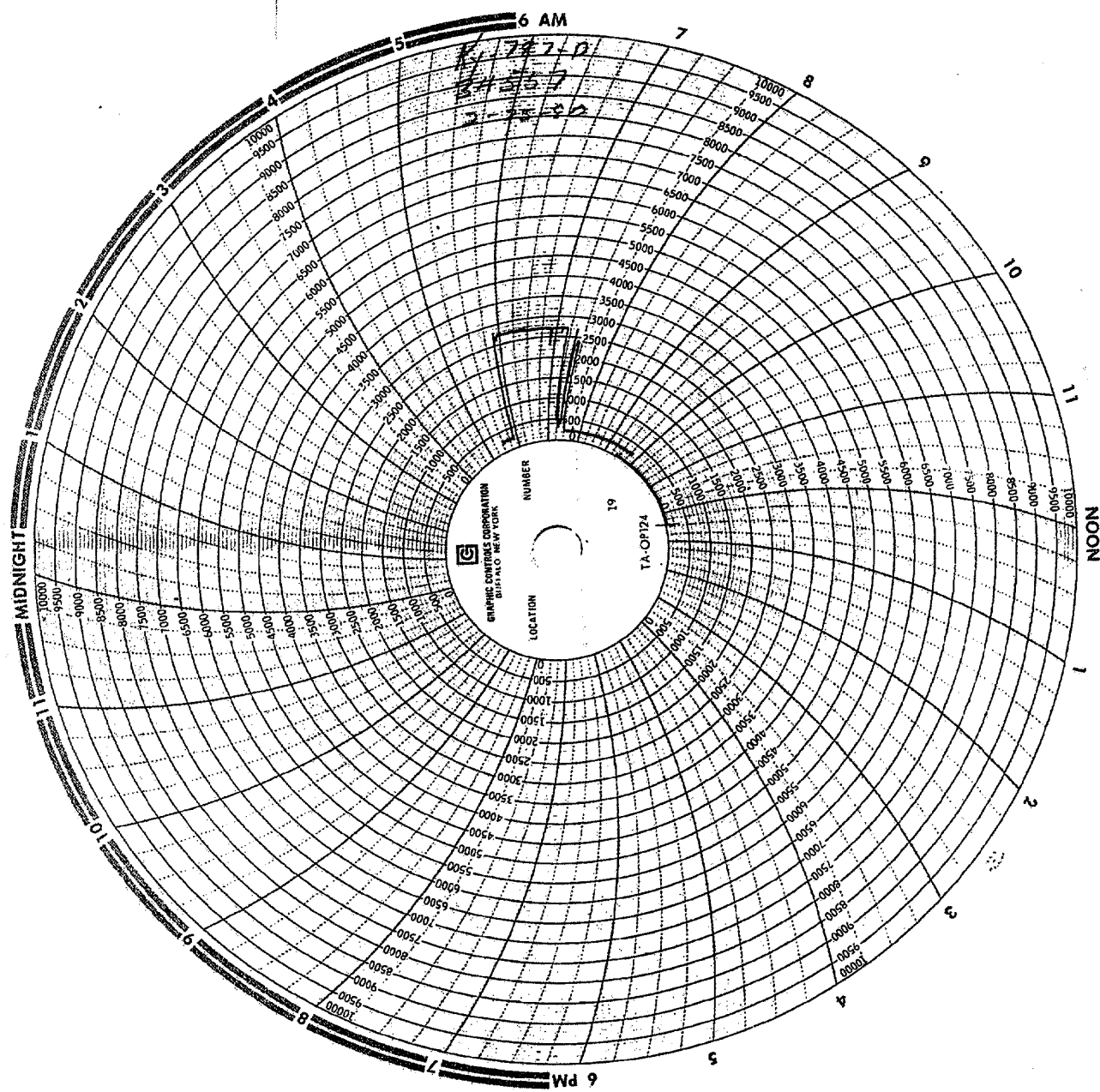
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NON-BLEEDING

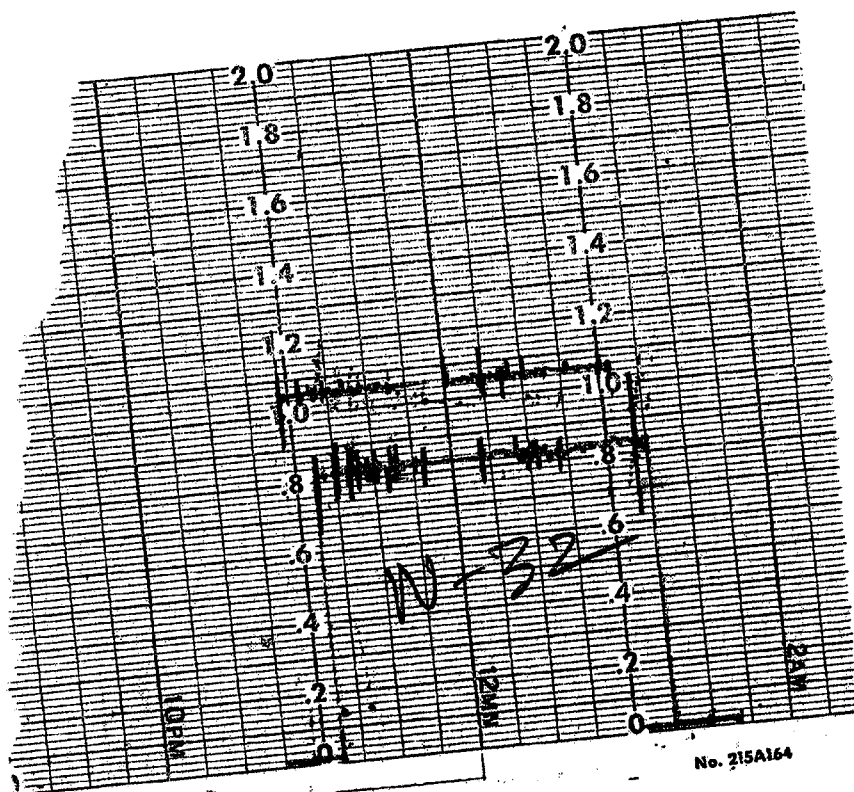
UIPMENT	NAME:	USE LBS.	N CODE	ACCT. LBS.
203	"KROLOR" - YELLOW MEDIUM			
8	1 Run 60" (992 G) water into V-203 with agitator on high speed.			
205	2 Weigh in drum & pour in	320	32-D	320
1	3 Dump in and stir 5 min	48 x 50	YC-2-B	2400
	Record: Start 7:59 A.M. Lot 24061	2000		
	Fin 1:33 PM 24064	400		
	75" (2756)			
	4 Adj to 70" (1200 G) 2400-2600			
	5 Pump V-203 thru Homog #3 at 1800-2200 psi into V-205 263			
	6 When V-203 MTY, wash color thru Homog at 1800-2000 psi using minimum water			
	7 Record V-205 Vol " & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
	DURING HOMOG, RUN V-203 AGITATOR ON LOW SPEED.			
205	9 Run 10" (514G) water into SV & start agitator			
SV	10 Pump V-205 thru Homog at 4800-5200 psi into V- 243			
2	Record: Time start 1:00 PM Total Min 75			
	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	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			
CP	(Temperature is set at 190-194F)			
3	14 Record levels and set Raw Materials Counter #1 as follows:			
	a. 11LG 46% - preset #1 80 Gal		15-A	160
	b. 13LG 76% - preset #6 135 Gal		20-A	135
	15 Set strike flow controllers as follows:			
	a. 3FC10 (N-27-D Controller) in Manual 0.83 GPM		27-D	275
	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		32-D	1840
	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			
SV	16 Operator Step PB			
SP	17 Record Level 2 LG 84%. If below 35% follow solution make-up procedure for N-27-D			
&	18 Adj to 48" (2470 G)			
CP	19 Record pH 10.5			
4	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)	20	1-D	10
	Siphon into SV. Record pH 11.1			
	21 Operator Step PB			

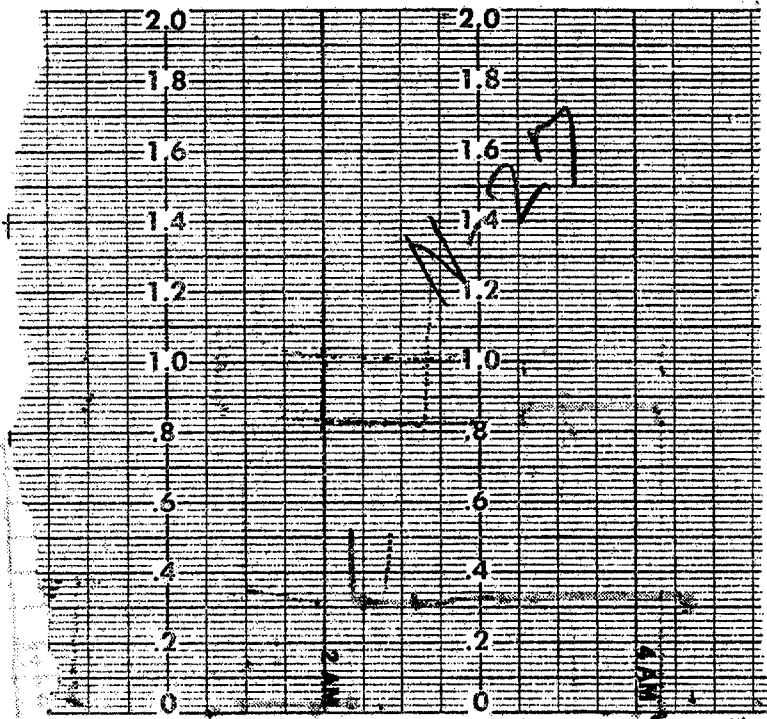
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JIPMENT	PAGE 2	CG 03	CODE KY-787-D	EST. WGT.	3490	LBS.	USE LBS.	N CODE	ACCT LBS.
SV	22	SP Step 06/39 - After heat up Record: pH <u>9.75</u> (9.5-10.0)							
SP	23	Switch 3FC20, 8FC10, 8FC20 to Auto							
&	24	Operator Step PB							
CP	25	SP Step 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>9.6</u>	9.0-10.0	<u>6:45</u>				
		14/47 (60 min)	<u>9.6</u>	9.0-10.0	<u>7:15</u>				
		15/48 (2 hrs)	<u>9.7</u>	9.0-10.0	<u>8:15</u>				
		16/49 (2 hrs 25 min)	<u>9.7</u>	9.0-10.0	<u>8:40</u>				
		17/50 (3 hrs Final)	<u>7.9</u>	7.5-8.5	<u>9:15</u>				
		NOTE: If not as spec. notify Supervisor & note in log							
		If final pH is above 8.5, adj 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> G							
	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>3.4</u> (3.7-4.2)							
&	41	Run in N-7-D from 27 in 10-12 min & stir 5 min.							
CP	42	Record: pH <u>9.2</u> (9.0-9.5) & if necessary adj pH 9.0-9.5							
8		& Record: pH Assume 77%							
		(Dilute 10 parts water to 1 part N-7-D) Assume 50%							
		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>10:00 PM</u>							
	45	Operator Step PB							
	46	SP Step 60 - Batch complete							
	47	PUMP V-243 TO V-240							
		Start	Finish	Opnr					
		Time	SP Step	Time	SP Step				
		<u>2:00 AM</u>		<u>3:00 PM</u>		<u>144</u>			
		<u>3:00 PM</u>		<u>10:20 PM</u>		<u>235</u>			

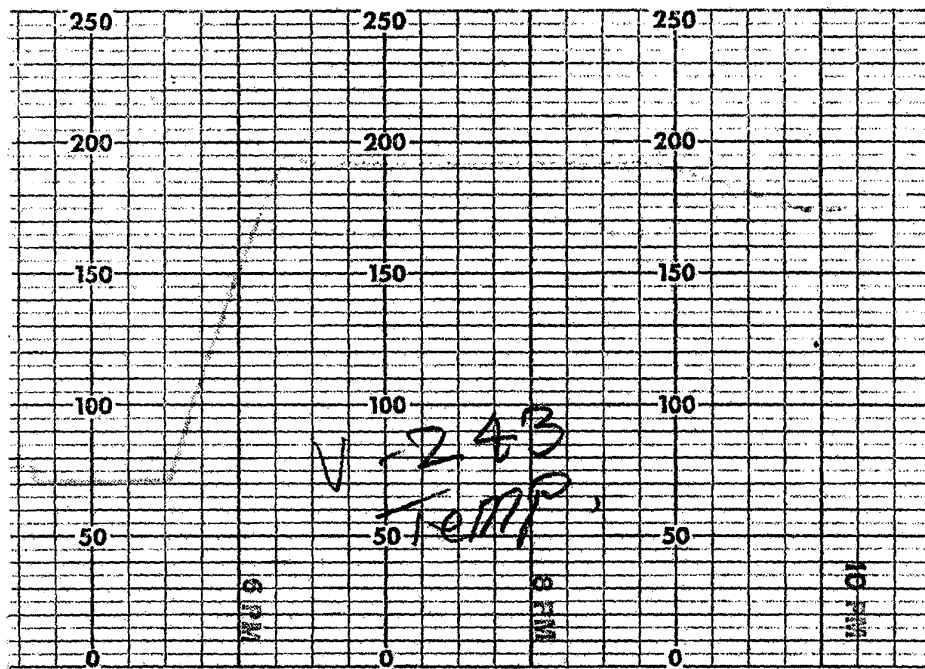


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