MAKING INSTRUCTIONS: BATCH UNIT

S.V. ~~243, 244, 246, 247~~, 262 C.V. D.V.

CG 03 CODE KY-787-D PKG. PUNCHED & CHECKED

→ MAR-1 34641

EST. WGT. ~~1090~~ 990 LBS. MAR - 3 1990 OK

STD. HRS. 10.6 TIME 7 AM

14 YC-2-B 93 4 Lot 2490, 2400#
14 YC-2-B 93 4 Lot _____, _____#
14 YC-2-B 93 4 Lot _____, _____#

PROCESSES		APPROVED BY
( ) KY-787-D	(R)	
( ) Alternate	( )	
( )	( )	EWK 9/22/76
( )	( )	DCG 9/22/76
TYPED BY		MTW 9/30/76
NE 2/12/77		

Homog #4 - 1ST Pass

3390 DELAY Rec V AT 262 AT 125 AM

Total Wgt. ~~3490~~# Req( )

NON-BLEEDING

EQUIPMENT		NAME: "KROLOR" YELLOW-MEDIUM	USE LBS.	N CODE	ACCT. LBS.
	60" (990G)				
203	1	Run ~~33" (560 G)~~ water into V-203. SET AGITATOR ON HIGH SPEED			
&	2	Weigh in drum & pour in	320	32-D	320
205	3	Dump in & stir 5 min Lot	48 x 50	YC-2-B	2400
1		Record: Start 12:30 AM 24490	2400		
		Fin 1.30 PM			
		75" (1275G)			
	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 1800-2200 psi using minimun 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			
SV	9	Run 2 " (514 G) water into V-262 Install temp chart & start agitator			
&	10	Pump V-205 thru Homog at 4800-5200 psi into SV-262			
205		Record: Time Start 130AM Total Min _____			
2		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 & pump thru Homog at 4800-5200 psi			
349	12	While Homog, run 6" (284 G) water into V-349			
&	13	Run ± 1000# water into V-384 & heat to 110-120F			
384	14	Weigh into V-384 & Pump to V-349	1840	32-D	1840
3	15	Run ± 1000# water into V-384 & pump to V-349			
	16	Adj V-349 to 7" (805 G) & stir 15 min or longer			
	17	Record: Be 1080 ~~(10.95 ± 0.2)~~ (1.079 - 1.082) g/ml			
SV	18	When S 11 Homog complete, Adj SV to 24 " (2470 G)			
4	19	Record: pH 10.8 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 Parts water to 1 part N-7-D) Assume 50%	30	7-D	15
		Siphon into SV & Record: pH 11.2			
	20	Heat to 190-194 F in 55-65 min & Record: HT ____ F & Rec ____ F			
		Note: Strike must be started immediately on completion of heating			
343	21	While heating SV, run 39" (1070 G) water into V-343			
&	22	Meter in from V-386 M 19, 919 #/Gal 299 Gal		27-D	275
386	23	Stir 15 min or longer			
5	24	Record: Be 1017 ~~(2.8±0.1)~~ (1.017-1.018) g/ml			
		N-7 for 22 press	1000	7-D	500

V-262

EQUIPMENT		PAGE 2 CG 03 CODE KY-787-D (R) EST. WGT. 3490 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV 6	25	When S 20 heating complete Record: pH 10.1 (9.5-10.0)			
	26	Set V-343 acid pump at 82 setting (± 150 min)			
	27	Set V-349 silicate pump at 72 setting (±120 min)			
	28	Immediately meter in V-343 & 349, Maintain SV at 190-193F during strike 190			
	29	Record: Start / Finish / Minutes			
		V-343 5:40 Am / 7:50 / 130			
		V-349 5:40 Am / 7:50 / 130			

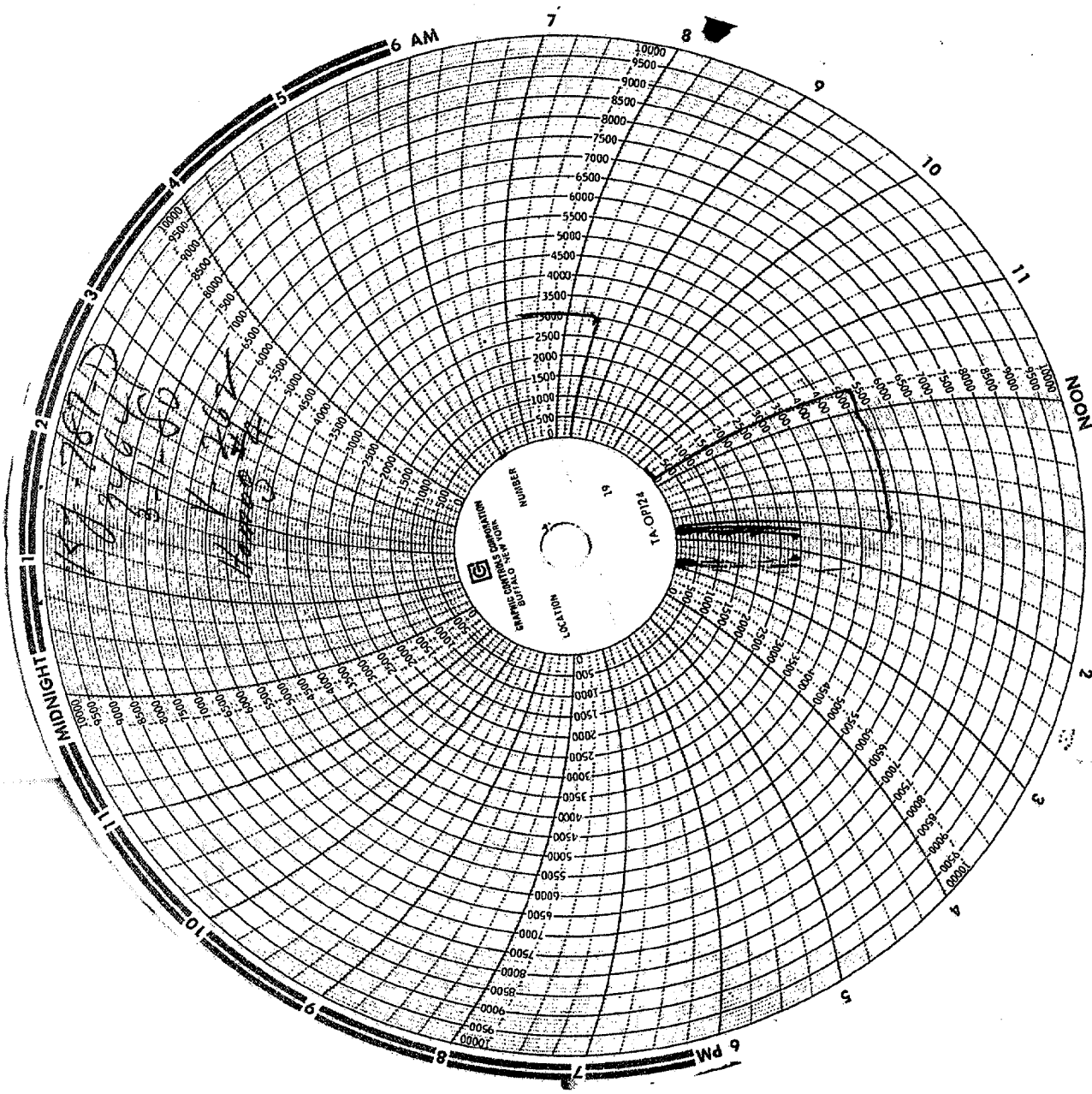
Record:	Time	V-343 in	V-349 in	SV pH	Normal pH
at 20 min	6:A m	(35)	(14)	10.0	9.3-10.0
40 min	6:20 Am	(30)	(11)	10.0	9.3-10.0
1 hr	6:40 Am	(24)	(9)	10.0	9.3-10.0
2 hrs	7:40 Am	(8)	(0)	10.0	9.3-10.0
Finish	8:10 Am	0		7.5	7.5-8.5

		Note: If pH drops below 9.0 in 1st hr, stop pumps & see Supv. If final pH is above 8.5 adj to 7.5-8.5 & Record: pH		
		Assume 77 %		27-D
330 7	30	Run 20" (392 G) water into V-330 & heat to 80-100 °F		
	31	Add in 7-8 min	350	530-A 350
	32	Stir 5 min & Record: pH 10.3 (9.5-10.5)		
	33	Stir 20 min or longer to dissolve for S 46		
357 8	34	Run 11" (80 G) water into V-357 & heat to 135-140 °F		
	35	Dump in & stir to dissolve for S-42	160	15-A 160
302 9	36	Run 30" (360 G) water into V-302		
	37	Add & stir 2 min for S44 Assume 50%	180	7-D 90
SV 10	38	When V-349 MTY. Rinse in with minimum water then set pump to zero setting		
	39	When V-343 MTY. rinse in with minimum water then turn off pump motor		
	40	Turn off steam		
	~~41~~	~~Sift in 2 bags~~	~~100~~	~~128-A 100~~
	42	Run in V-357 from S 35 & stir 5 min		
	43	Record: pH 3.3 (3.7-4.2)		
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min		
	45	Record: pH 8.0 (9.0-9.5) & if necessary adj to pH 9.0-9.5 & Record: pH 9.0 Assume 77%		27-D
		(Dilute 10 parts water to 1 part N-7-D) Assume 50% Siphon N-7 into SV	20	7-D 10
	46	Run in V-330 thru 20 mesh screen & stir 20 min		
313 11	47	Run 10" (128 G) water into V-313 & dump in	135	20-A 135
	48	Stir 5 min to dissolve for S 49		
SV 12	49	Run V-313 into SV in 15-20 min		
	50	Stir 15 min		
	51	Record: pH 9.5 (9.0-10.0)		
	52	Stop agitator		
		Do Not START 3:00 PM FINISH 11:00 PM QPTR 120-201		
		7 AM. 10:15 AM. 235-259 120-191		

Step	V-262 (20 RPM)	V-243, 244, 246, 247
9	5"	10"
18	25"	48"

K 13830 REV.

DUP050093868



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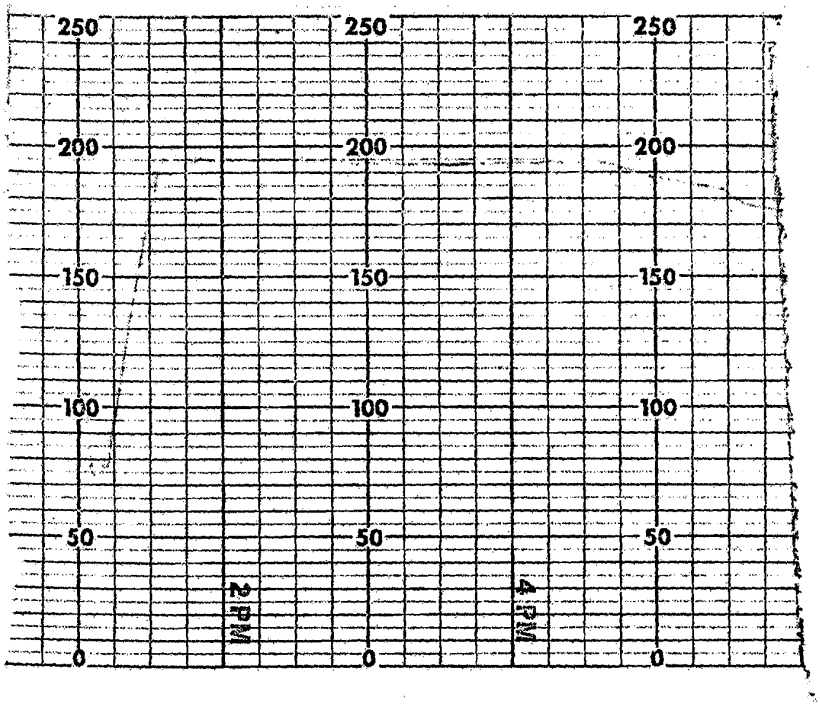
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