MAKING INSTRUCTIONS: BATCH UNIT

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

CG 03 CODE KY-787-D PKG. _____

→ FEB. 29 34629

EST. WGT. ~~1090~~ 990 LBS.

STD. HRS. 10.6 TIME 11 PM

14 YC-2-B 93 4 Lot 24065, 2000#

14 YC-2-B 93 4 Lot 24066, 400 #

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

Total Wgt. ~~3490#~~ 3390 Req( )

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

Ok FP

PUNCHED & CHECKED

MAR - 3 1980

Batch changed to manual metering - auto Krolor pump down for repairs. cm

NON-BLEEDING

EQUIPMENT		NAME: "KROLOR" YELLOW-MEDIUM	USE LBS.	N CODE	ACCT. LBS.
203	1	Run 33" (560 G) water into V-203 SET AGITATOR AT 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 10:30 AM			
		Fin 11:30 24066	2400		
		75"			
	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 41 " & adj to 60" (2100 G)			
	8	Inspect Homog strainer & clean if Necessary			
		DURING HOMOG. RUN V203 AGITATOR AT LOW SPEED			
SV	9	Run 8 " (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 7:25 AM Total Min 190			
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 17" (805 G) & stir 15 min or longer			
	17	Record: Be' 1.080 (10.95 ± 0.2) (1.096-1.080)			
SV	18	When S 11 Homog complete, Adj SV to 25 " (2470 G)			
4	19	Record: pH 10.3 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 Parts water to 1 part N-7-D) Assume 50%		7-D	
		Siphon into SV & Record: pH 11.1			
	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 , 9.19#/Gal 29.9 Gal		27-D	275
386	23	Stir 15 min or longer			
5	24	Record: Be' 1.017 (~~2.8±0.1~~) (~~1.017 - 1.022~~)			
		G/mL (1.016 - 1.018)			

13829 REV.

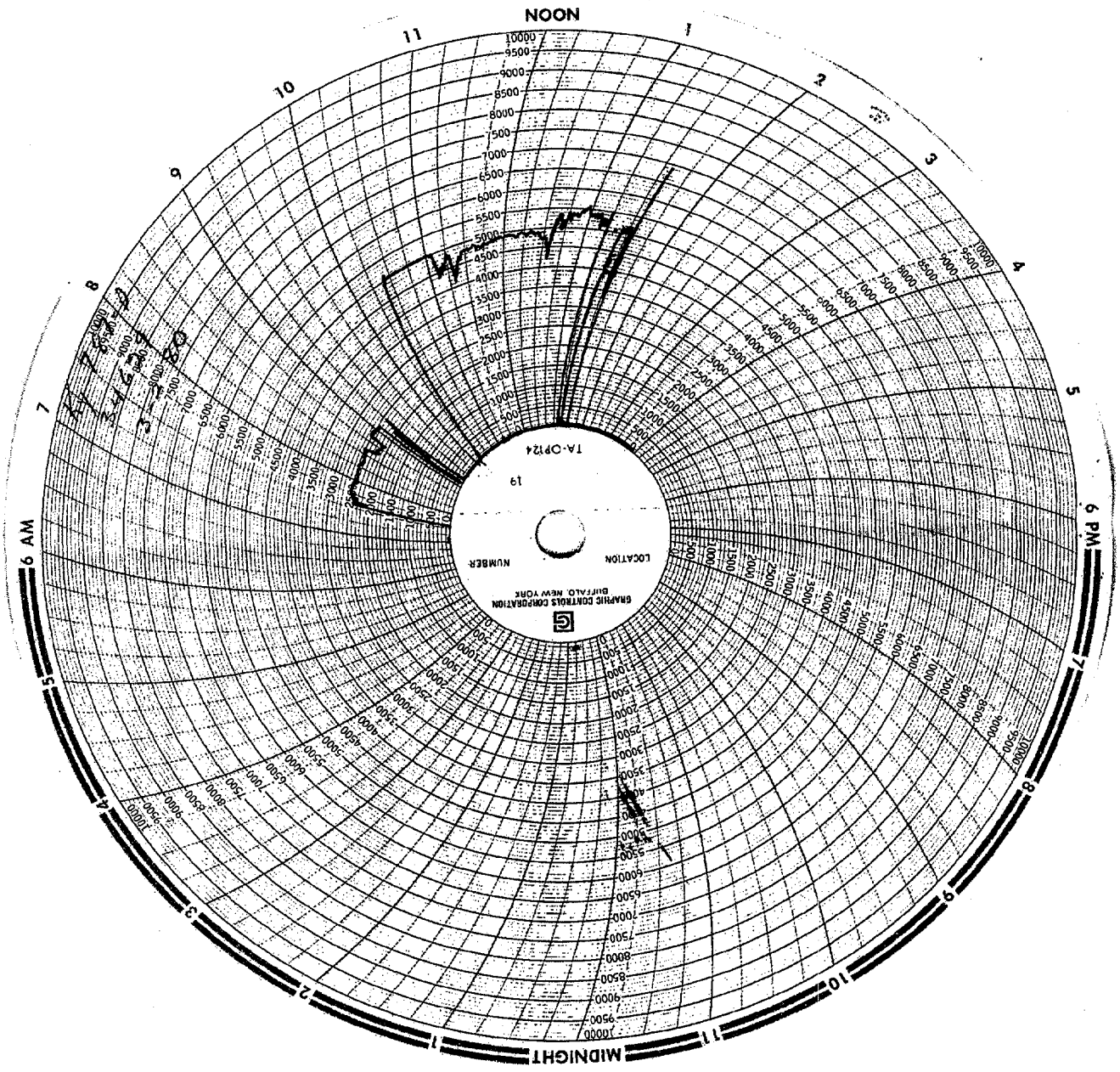
N 2638

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 9.9 (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			
	29	Record: Start / Finish / Minutes V-343: 12 PM / 3:30P / 165 V-349: 1:20 / 2:50P / 140			
		Record: Time / V-343 in / V-349 in / SV pH / Normal pH at 20 min: 12:50 / (35) – / (14) – / 9.7 / 9.3-10.0 40 min: 1:10 / (30) – / (11) – / 9.7 / 9.3-10.0 1 hr: 1:30 / (24) – / (9) – / 9.7 / 9.3-10.0 2 hrs: 2:30 / (8) / (0) 4" / 9.7 / 9.3-10.0 Finish 2 3/4: 3:30 / 0 / / 7.6 / 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 10.1 (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 3.1 (3.7-4.2)			
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min			
	45	Record: pH 9.5 (9.0-9.5) & if necessary adj to pH 9.0-9.5 & Record: pH Assume 77%		27-D	
		(Dilute 10 parts water to 1 part N-7-D) Assume 50% Siphon N-7 into SV		7-D	
	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 9.35 (9.0-10.0)			
	52	Stop agitator			
		START: 7:00 AM / 3:00 P FINISH: 3:00 PM / 5:10 PM. OPTR: 101 / 235 – 259			
		Step: 9 / 18 V-262 (20 RPM): 5" / 25" V-243, 244, 246, 247: 10" / 48"			

K 13830 REV.

DUP050094103



DUP050094104

DUP050094105

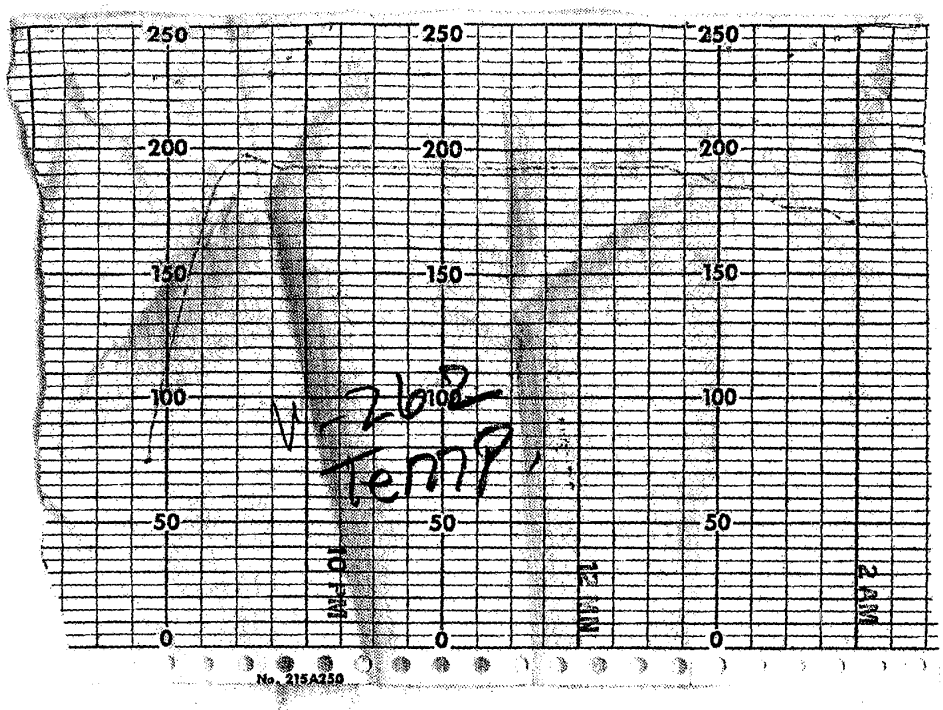
Kenny V-262

Ok to heat V262

after your adjust Pot.

Heating

902
93
994



V-262
Temp.

DUP050094106