

243, 244, 246, 247, (262)

C.V.

D.V.

CG 03 CODE KY-788-D PKG.

JAN 29 34076
EST. WGT. 1690 1940 LBS.

STD. LRS.

TIME

5 P M

14 YC-3-B 93 4 Lot 23863 , 2,000#
 14 YC-3-B 93 4 Lot 24410 , 2,000#
 14 YC-3-B 93 4 Lot 23873 , 1,600#

Total Wgt. 7090 7340# (Req. 5400)

PROCESSES		APPROVED BY	
() KY-788-D	(I) EWK 10-19-77	() DCG 10-28-77	
() Alternate	() MTW 10-26-77	() FWP 01-15-79	
() TYPED BY	emw012479	FWP 01-24-79	

Homog #4 - 1 ST Pass
 " #4 - 2nd "

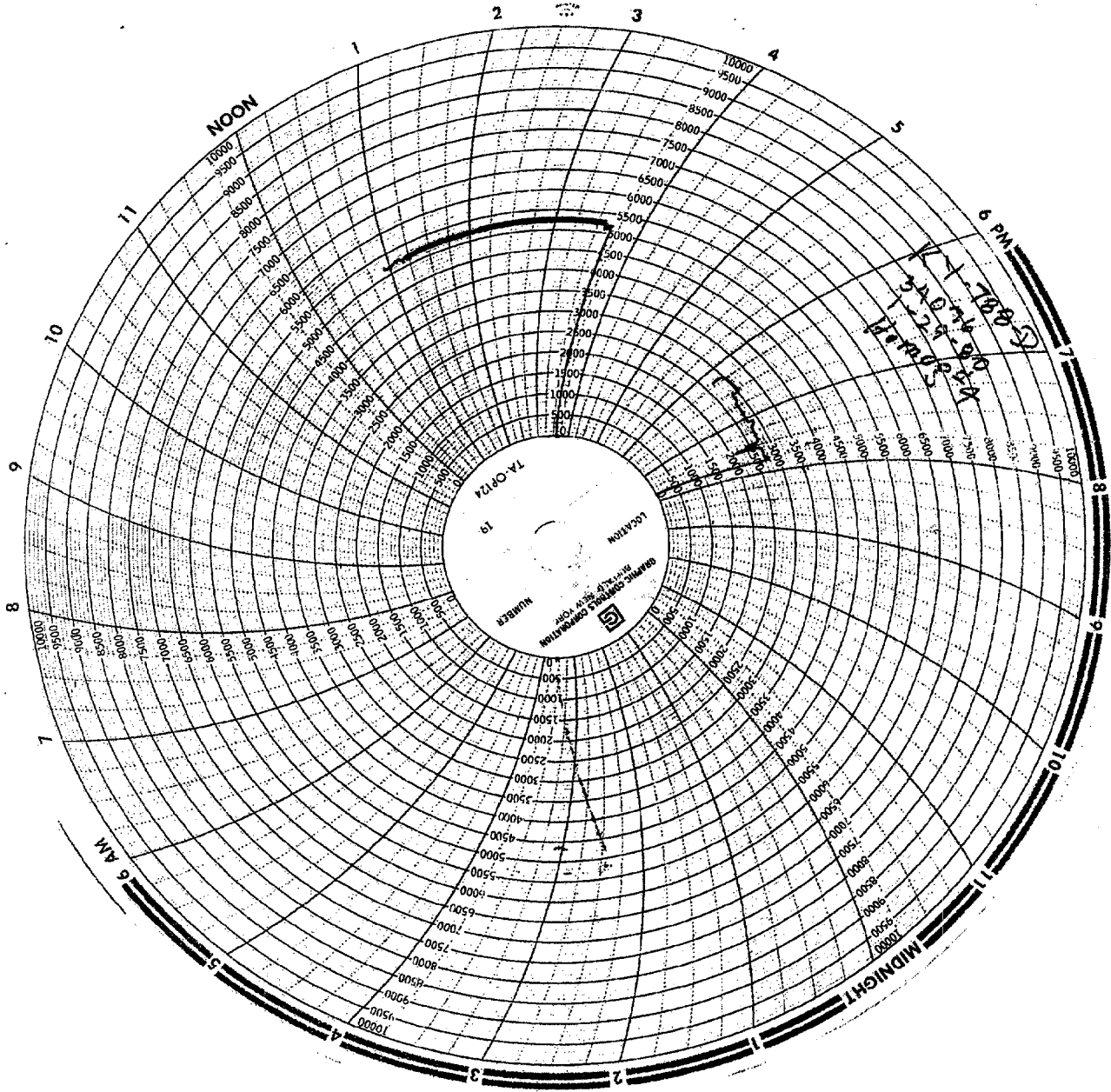
NON-BLEEDING

ITEM	NAME: KROLOR® YELLOW LIGHT	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1 Run 50" (827 G) water into V-203			
	2 Weigh in drum & pour in	715	32-D	715
1	3 Dump in & stir 5 min	108 x 50	YC-3-B	5400
	Record: Start <u>3:30</u> Lot <u>23863</u>	<u>40</u>		
	Fin <u>6:00</u> <u>24410</u>	<u>48</u>		
	<u>75" (1275 G)</u> <u>23873</u>	<u>28</u>		
	4 Adj to 80" (1360 G)			
	5 Pump V-203 thru Homog at 2400-2600 psi into V-205			
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-205 Vol <u>47</u> " & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
SV & 205	9 Run <u>2</u> " (200 G) into V- <u>262</u> Install temp chart & start agitator			
2	10 Pump V-205 thru Homog at 4800-5200 psi into SV- <u>262</u>			
	Record: Time Start <u>1:04</u> Total Min <u>1:60</u>			
	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. Rinse in using Hot Water			
349 & 384	12 While Homog, run 6" (284 G) water into V-349			
3	13 Run ±1000# water into V-384 & heat to 110-120°F			
	14 Weigh into V-384 & pump to V-349	2525	32-D	2525
	15 Run ±1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 25" (1163 G) & stir 15 min or longer			
	17 Record: <u>Be 1.075 (10.3) (1.073-1.076)</u>			
SV	18 When S 11 Homog complete, adj SV to <u>2.4</u> " (2420 G)			
4	19 Record: pH <u>10.1</u> & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume .50%	<u>50</u>	7-D	<u>25</u>
	Siphon into SV & Record: pH <u>11.0</u>			
	20 Heat to 190-194°F in 35-45 min (V-262) or min 55-65 min (V-243, 244, 246, 247)			
	Record: HT <u>142</u> °F & Red <u>B.5</u> OF			
	NOTE: Strike must be started immediately on completion of heating			
343 & 386	21 While heating SV, run 56" (1520 G) water into V-343			
5	22 Meter in from V-386 M14 - <u>.9.38</u> #/Gal <u>39.8</u>		27-D	373
	23 Stir 15 min or longer			
	24 Record: <u>Be 1.017 (2.65 ± 0.1) (1.015-1.018)</u>			

N 27595

V-262

UIPMENT	PAGE 2	CG 03	CODE KY-788-D (I)	EST. WGT.	7340 LBS.	USE LBS.	N CODE	ACCT LBS.
SV	25	When S 20 heating complete, Record: pH <u>9.9</u> (9.5-10.1)						
6	26	Set V-343 acid pump at 69 setting (± 255 min)						
	27	Set V-349 silicate pump at 60 setting (± 210 min)						
	28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike						
	29	Record:	Start	Fin	Min			
		V-343	<u>7:40</u>	<u>12:25 A.M.</u>	<u>295</u>			
		V-349	<u>7:40</u>	<u>11:35 A.M.</u>	<u>230</u>			
		Record:	Time	V-343	V-349	SV	Normal	
			<u>7:40</u>	<u>58 in</u>	<u>25 in</u>			
		at 20 min	<u>8:00</u>	<u>(52) 53</u>	<u>(22) +</u>	<u>9.75</u>	9.3-10.0	
		40 min	<u>8:20</u>	<u>(48) 49+</u>	<u>(20) 21</u>	<u>9.75</u>	9.3-10.0	
		1 hr	<u>8:40</u>	<u>(43) 45</u>	<u>(18) 19-</u>	<u>9.75</u>	9.3-10.0	
		2 1/2 hrs	<u>9:55</u>	<u>(27) 30+</u>	<u>(9) 10</u>	<u>9.8</u>	9.3-10.0	
		3 1/2 hrs	<u>11:10</u>	<u>(10) 14</u>	<u>(0) 2+</u>	<u>9.8</u>	9.3-10.0	
		Finish	<u>11:55</u>	<u>(0) 2</u>		<u>7.6</u>	7.5-8.5	
		NOTE: (1) If pH not as specified, notify Supervisor & note in log						
		(2) If final pH is above 8.5, adj pH to 7.5-8.5 &						
		Record: pH				Assume 78%		27-D
330	30	Run 22" (431 G) water into V-330 & heat to 160-170°F						
7	31	Add in 12-13 min				700	530-A	700
	32	Stir 5 min & Record: pH <u>10.1</u> (9.5-10.5)						
	33	Stir 20 min or longer to dissolve for S 46						
357	34	Run 29" (210 G) water into V-357 & heat to 135-140°F						
8	35	Dump in & stir to dissolve for S 42				450	15-A	450
302	36	Run 36" (440 G) water into V-302						
9	37	Add & stir 2 min for S 44				Assume 50%	440	7-D 220
SV	38	When V-349 MTY, rinse in with minimum water then set pump at zero setting						
10	39	When V-343 MTY, rinse in with minimum water then turn off pump motor						
	40	Turn off steam						
	41	Sift in				250	128-A	250
	42	Run in V-357 from S 35 & stir 5 min						
	43	Record: pH <u>3.5</u> (3.7-4.2)						
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min						
	45	Record: pH <u>9.5</u> (9.0-9.5) & if necessary, adj to pH 9.0-9.5 & Record: pH				Assume 78%	27-D	
		Dilute 10 parts water to 1 part N-7-D				Assume 50%	7-D	
		Siphon N-7-D into SV						
	46	Run in V-330 thru 20 mesh screen & stir 20 min						
313	47	Run 15" (222 G) water into V-313 & dump in				270	20-A	270
11	48	Stir 5 min to dissolve for S 49						
SV	49	Run V-313 into SV in 15-20 min						
12	50	Stir 15 min						
	51	Record: pH <u>9.2</u> (9.0-10.0)						
	52	Stop agitator <u>Do not stop V-262</u>						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	24"	47"				
		START <u>6:00 P</u>	FIN <u>11:00 P</u>	OPTR <u>235-323</u>				
		<u>3:00 P</u>	<u>11:00 PM</u>	<u>235-359</u>				
		<u>11:24 A.M.</u>	<u>3:24 A.M.</u>	<u>201-101</u>				



V-262

