

243, 244, 246, 247 (262)

C.V.

D.V.

CG 03 CODE KY-788-D PKG.

WGT. 1690-1940 LBS.

STD. HRS. TIME M

14 YC-3-B 93 4 Lot 24442, 800#

14 YC-3-B 93 4 Lot 23864, 2000#

14 YC-3-B 93 4 Lot 23884, 2000#

7090 23863 600

Total Wgt 7340 # (Req.)

PROCESSES		APPROVED BY
() KY-788-D	(I) EWK 10-19-77	
() Alternate	() DCG 10-28-77	
()	() MTW 10-26-77	
()	() FWP 04-05-79	
TYPED BY		
emw040579		

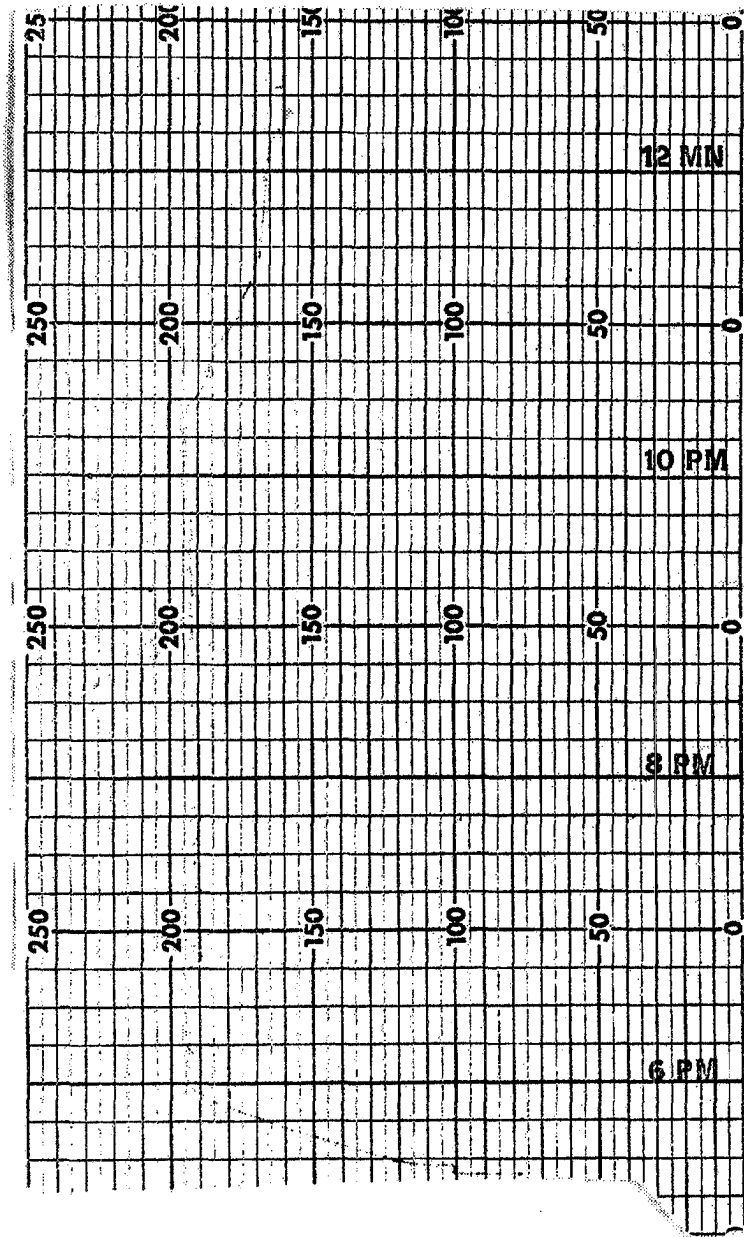
Homog # 9-20d Pass

NON-BLEEDING

EMENT	NAMEY KROLOR® YELLOW LIGHT	USE LBS.	N CODE	ACCT. LBS.
203	1 Run 50" (827 G) water into V-203			
203	2 Weigh in drum & pour in	715	32-D	715
203	3 Dump in & stir 5 min	108 x 50	YC-3-B	5400
	Record: Start 8:43 PM	Lot 24442		
	Fin 10:45 PM	23864		
	75" (1275 G)	23884		
	Adj to 80" (1360 G)	23863		
	4 Pump V-203 thru Homog at 2400-2600 psi into V-205	800		
	5 When V-203 MTY, wash color thru Homog at 1800-2200 psi using	2000		
	6 minimum water. Use Hot Water	600		
	7 Record: V-203 Vol 203" & adj to 54" (1900 G) [V-263: 43"]			
	8 Inspect Homog strainer & clean if necessary			
	9 Run 2" (200 G) into V-262 Install temp chart & start agitator			
	10 Pump V-205 thru Homog at 4800-5200 psi into SV-			
	Record: Time Start 4:20 P, Total Min 1:50			
	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	12 While Homog, run 6" (284 G) water into V-349			
349	13 Run ± 1000# water into V-384 & heat to 110-120°F			
384	14 Weigh into V-384 & pump to V-349	2525	32-D	2525
384	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: Obe 1.076 (10.3) (1.073 - 1.076)			
SV	18 When S 11 Homog complete, adj SV to 21" (2100 G)			
4	19 Record: pH 10.0 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	62	7-D	31
	Siphon into SV & Record: pH 11.0			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247)			
	Record: HT 24.4 °F & Rec 187 °F			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 56" (1520 G) water into V-343			
343	22 Meter in from V-386 M 14, 9.38 #/Gal 39.8		27-D	373
386	23 Stir 15 min or longer			
5	24 Record: Obe 1.018 (2.63 + 0.1) (1.016 - 1.018)			

V-262

ITEM	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 9.75 (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	Finish	Minutes	
	V-343	8:40	1:00 AM	260	
	V-349	8:40	12:30 AM	260	
	Record:	Time	V-343	V-349	SV Normal
		8:40	58 in	25 in	pH pH
	at 20 min	9:00	(52) 53	(22) +	9.6 9.3-10.0
	40 min	9:20	(48) 49	(20) 21-	9.6 9.3-10.0
	1 hr	9:40	(43) 45	(18) +	9.65 9.3-10.0
	2 1/2 hrs	10:55	(27) -	(9) +	9.1 9.3-10.0
	3 1/2 hrs	12:10	(10) 14	(0) 2	9.6 9.3-10.0
	Finish	12:35	(0)		7.4 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				
31	Add in 12-13 min			700	530-A 700
32	Stir 5 min & Record: pH 10.1 (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				
35	Dump in & stir to dissolve for S 42			450	15-A 450
362 36	Run 36" (440 G) water into V-302				
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				
39	When V-343 MTY, rinse in with minimum water then turn off pump motor				
40	Turn off steam				
41	Stir in			250	128-A 250
42	Run in V-357 from S 35 & stir 5 min				
43	Record: pH 4.0 (3.7-4.2)				
44	Run in N-7-D from S 37 in 10-12 min & stir 5 min				
45	Record: pH 9.2 (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 9.1 (9.0-10.0)				
52	Stop agitator (Do Not stop agitator in V-262)				
	Step	V-262 (20 RPM)	V-243, 244, 246, 247		
	9	2"	4"		
	18	21"	42"		
	START	FINISH	OPTR		
	3:00 P	11:00 P	2:35-30		
	11:00 PM	3:15 AM	381-409		



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