

V. SV 262

CG 03 CODE KY-908-D PKG. 12

EST. WGT. 2106 LBS.

STD. HRS. TIME 5P

APPROVED BY

() KY-908-D (F) EWK 12-12-77

() Alternate () DCG 12-14-77

() () MTW 12-19-77

() () FWP 03-27-79

TYPED BY emw032879

14 YC-3-B 93 4 Lot 23866, 4.000#

14 YC-3-B 93 4 Lot 23884, 1.500#

14 YC-3-B 93 4 Lot _____, _____#

Total Wgt 7606#

+ 5090 OF STEARATE
MATH. Lost. Hose blown

		NON-BLEEDING		
IPMENT	NAME: KROLOR® YELLOW LIGHT	USE LBS.	N CODE	ACCT. LBS.
203	1 Run 50" (827 G) water into V-203			
&	2 Pour in	730	32-D	730
205	3 Dump in			
1	Record: Start 8:30	Lot 23866 4.000	YC-3-B	5500
	Fin 10:00	23884 1.500		
	75" (1275 G)	5.500		
	4 Adj to 86" (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 4" & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV	9 Run 2" (200 G) into V-202. Install temp chart & start agitator			
&	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
205	Record: Time Start 5:10 PM 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. Rinse in using Hot Water			
349	12 While Homog, run 6" (248 G) water into V-349			
&	13 Run ± 1000 # water into V-384 & heat to 110-120°F			
384	14 Weigh into V-384 & pump to V-349	2570	32-D	2570
3	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: Obs 1.074 (10.45 ± 0.2) (1.074 - 1.078)			
SV	18 When S 1V Homog complete, adj SV to 21" (2100 G)			
4	19 Record: pH 9.6 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	80	7-D	40
	Siphon into SV & Record: pH 11.2			
	20 Heat to 190-194°F in 35-45 min & Record: HT 192°F & Rec 192°F			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 56" (1520 G) water into V-343			
&	22 Meter in from V-386 M 81, 9.878 #/Gal 38.7 Gal	527	27-D	380
386	23 Stir 15 min or longer			
5	24 Record: Obs 1.016 (2.75 ± 0.1) (1.016 - 1.019)			

EQUIPMENT		PAGE 2 CG 03 CODE KY-908-D (F) EST. WGT. 7606 LBS.	USE LBS.	N CODE	ACC LBS.
SV 8	25	When S 22 heating complete, Record: pH 9.4 (7.5-10.0)			
	26	Wet 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 & 349, maintain SV at 190-194°F during strike			
	29	Record: Start Finish Minutes			
		V-343 10:40P 3:15A 275			
		V-349 2:20A 220			
		Record: Time V-343 V-349 SV Normal			
		in in pH pH			
		at 20 min 11:00P (52) (22) 9.4 9.3-10.0			
357 7	32	Dump in & stir to dissolve for S 60	500	15-A	500
	33	Add 24" (294 G) water to V-302			
	34	Add & stir 2 min for S 63 Assume 50%	120	7-D	60
	35	During strike pump into PT	680	169-A	680
	36	Pump in	76	155-A	76
	37	Pump in	76	160-A	76
	38	Stir 10 min with lightning mixer for S 42			
	39	During strike, run 18" (317 G) water into V-356			
	40	Turn on steam			
	41	Adj to 23" (403 G) at 81-82°C			
356 10	42	Pump PT mixture from S 38 thru undersurface distributor A F A P			
	43	Rinse PT with hot water form hot water mixer & pump in			
	44	Shut off pump			
	45	Stir 30 min at 81-82°C for S 54			
	46	Do not shut off agitator			
	47	When V-349 MTY, rinse in with minimum water then set pump to zero setting			
	48	When V-343 MTY, rinse in with minimum water then turn off pump motor			
	49	Heat to 198-200°F in 5-10 min			
	50	Close water line & discharge valves at stearate pump			
	51	Open V-356 discharge valves to stearate pump inlet			
SV 11	52	Open water valve at stearate pump & run water thru Homog at 2900-3100 psi to sewer			
	53	While Homog water at 2900-3100 psi, open Homog discharge valve to SV & close valve to sewer			

EQUIPMENT	PAGE 3	CG 03	CODE KY-908-D (F)	EST. WGT.	7606 LBS.	USE LBS.	N CODE	ACC LB
SV 11	54	Immediately open stearate pump discharge valve, turn on pump & Homog V-356 to SV at 2800-3100 psi. Maintain SV at 198-200°F						
cont'd	55	While Homog V-356 to SV, shut off water valve at stearate pump ASAP						
	56	When Homog complete, rinse in V-356 with hot water from hot water mixer						
	57	When S 56 complete, turn off Homog & stearate pump						
	58	Stir 5 min at 198-200°F						
	59	Shut off steam						
	60	Run in V-357 from S 32 & stir 5 min						
	61	Record: pH <u>3.1</u> (3.3-3.7)						
	62	If necessary, adj pH to 3.3-3.7 (Downward only) & Record: pH					15-A	
	63	Run in N-7-D from S 34 in 4-6 min & stir 5 min						
	64	Record: pH <u>3.5</u> (4.2-4.4) & if necessary, adj to pH 4.2-4.4 & Record: pH <u>4.2</u>					27-D	
		(Dilute 10 parts water to 1 part N-7-D)				Assume 78%		
		Siphon N-7-D into SV				Assume 50%	9.0	7-D
	65	Do not stop agitator						45
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	21"	42"				
		START	FINISH	OPTR				
		<u>7:00 AM</u>	<u>3:00 PM</u>	<u>704-282</u>				
		<u>3:00 PM</u>	<u>11:00 PM</u>	<u>244-3.7</u>				
		<u>11:00 PM</u>	<u>5:30 AM</u>	<u>342</u>				

23866 80
23884-32
11

