

V. SV (262)

C.V.

D.V.

CG 03 CODE KY-908-D PKG.

DEC 15 33296

EST. WGT. 2106 LBS.

STD. HRS. TIME

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#

PROCESSES		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			

OK
AP
+ 5090 OF STEARATE
MATH. LOST. HOSE BLEW.

EQUIPMENT		NAME: KROLOR® YELLOW LIGHT	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1	Run 50" (827 G) water into V-203			
	2	Pour in	730	32-D	730
205 & 1	3	Dump in Lot	110 x 50	YC-3-B	5500
		Record: Start 8:30	4.000		
		Fin 10:00	1.500		
		75" (1272)	5.500		
	4	Adj to 80" (1560 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 1" & adj to 54" (1900 G)			
	8	Inspect Homog strainer & clean if necessary			
SV & 205	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 5:00 PM Total Min 190			
		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" (248 G) water into V-349			
	13	Run ± 1000# water into V-384 & heat to 110-120°F			
384 & 3	14	Weigh into V-384 & pump to V-349	2570	32-D	2570
	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: 08g 1.074 (10.45 ± 0.2) (1.074 - 1.078)			
SV & 4	18	When S 1V Homog complete, adj SV to 21" (2100 G)			
	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 & 386	21	While heating SV, run 56" (1520 G) water into V-343			
	22	Meter in from V-386 M 81, 9.818#/Gal 38.7 Gal	527	27-D	380
386 & 5	23	Stir 15 min or longer			
	24	Record: 08g 1.018 (2.75 ± 0.1) (1.018 - 1.019)			

QUIPMENT		PAGE 2 CG 03 CODE KY-908-D (F) EST. WGT. 7606 LBS.	USE LBS.	N CODE	ACC LBS.
SV	25	When S 22 heating complete, Record: pH <u>9.4</u> (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 <u>10:40P</u> <u>3:15A</u> <u>275</u>			
		V-349 <u>10:40P</u> <u>3:20A</u> <u>220</u>			
		Record: Time V-343 V-349 SV Normal			
		at 20 min <u>11:00P</u> (52) (22) <u>9.4</u> 9.3-10.0			
		40 min <u>11:20P</u> (48) (20) <u>9.4</u> 9.3-10.0			
		1 hr <u>11:40P</u> (43) (18) <u>9.3</u> 9.3-10.0			
		2 1/2 hrs <u>12:55P</u> (27) (7) <u>9.4</u> 9.3-10.0			
		3 1/2 hrs <u>2:10A</u> (10) <u>9.4</u> 9.3-10.0			
		Finish <u>2:55A</u> (0) <u>7.3</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%			
	30	Sift in	250	27-D 128-A	250
357	31	Run 29" (210 G) water into V-357 & heat to 135-140°F			
7	32	Dump in & stir to dissolve for S 60	500	15-A	500
302	33	Add 24" (294 G) water to V-302			
314	34	Add & stir 2 min for S 63 Assume 50%	120	7-D	60
PT	35	During strike pump into PT	680	169-A	680
9	36	Pump in	76	155-A	76
	37	Pump in	76	160-A	76
	38	Stir 10 min with lightning mixer for S 42			
356	39	During strike, run 18" (317 G) water into V-356			
10	40	Turn on steam			
	41	Adj to 23" (403 G) at 81-82°C			
	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	Shot off pump			
	45	Stir 30 min at 81-82°C for S 54			
	46	Do not shut off agitator			
SV	47	When V-349 MTY, rinse in with minimum water then set pump to zero setting			
11	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			
	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	CG 03 CODE KY-908-D (F) EST. WGT.	7606 LBS.	USE LBS.	N CODE	ACC LB
SV 11 cont'd	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				
	55	While Homog V-356 to SV, shut off water valve at stearate pump A S A P				
	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 3.1 (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 3.5 (4.2-4.4) & if necessary, adj to pH 4.2-4.4 & Record: pH 4.2	Assume 78%	27-D		
		(Dilute 10 parts water to 1 part N-7-D)	Assume 50%	7-D	40	
		Siphon N-7-D into SV				
	65	Do not stop agitator				
		Step V-262 (20 RPM) V-243, 244, 246, 247				
		9 2" 4"				
		18 21" 42"				
		START FINISH OPTR				
		7:00 AM 5:00 PM 4:07-252				
		3:00 PM 11:00 PM 244-3.7				
		11:00 AM 5:30 AM 342				

23866 80
23884 32
11 5

