

243, 244, 246, 247, 262

C.V.

D.V.

CG 03 CODE KY-787-D PKG.

JAL 10 33134

EST. WGT. 1980 2230 LBS.

STD. HRS.

TIME

5 P M

14 YC-2-B 93 4 Lot 24078, 3000 #

14 YC-2-B 93 4 Lot 24201, 2000 #

14 YC-2-B 93 4 Lot , #

6980

Total Wgt 7230# (REQ)

PROCESSES		APPROVED BY	
() KY-787-D	(S)	EWK 10-19-77	
() Alternate	()	DCG 10-25-77	
()	()	MTW 10-26-77	
()	()	FWP 02-01-79	
TYPED BY			
emw020179			

OK
HP

Jke

Homog #3 - 1st Pass
" #4 - 2nd "

NON-BLEEDING

IPMENT	NAME:	USE LBS.	N CODE	ACCT, LBS.
	KROLOR® YELLOW MEDIUM			
203	1 Run 50" (827 G) water into V-203			
&	2 Weigh in drum & pour in	670	32-D	670
205	3 Dump in & stir 5 min	100 x 50	YC-2-B	5000
1	Record: Start 5:15 P.M.	Lot 24078	3000	
	Fin 7:00 P.M.	24201	2000	
	75" (1365 G)			
	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 90" & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV	9 Run 2" (200 G) water into V-262 & install temp chart			
&	& start agitator			
205	10 Pump V-205 thru Homog at 4800-5200 psi into SV-			
2	Record: Time Start 1:00 A, Total Min 130			
	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			
&	13 Run ± 1000 # water into V-384 & heat to 110-120°F			
384	14 Weigh into V-384 & pump to V-349	3830	32-D	3830
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: 986/1113 (15.2 ± 0.2) (1.113-1.117)			
SV	18 When S 11 Homog complete, adj SV to 26" (2100 G)			
4	19 Record: pH 10.6 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	36	7-D	18
	Siphon into SV & Record: pH 11.1			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) &			
	Record: HT 94 °F & Rec 188 °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 2, 9.70#/Gal 59.0 gal		27-D	573
386	23 Stir 15 min or longer			
5	24 Record: 986/1028 (1 ± 0.1) (1.027-1.028)			

V-262

EQUIPMENT	PAGE 2	CG 03	CODE KY-787-D (S)	EST. WGT.	7230 LBS.	USE LBS.	N CODE	ACC LBS
SV	25	When S 20 heating complete, Record: pH <u>10.0</u> (9.6-10.2)						
	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 & 349, maintain SV at 190-194°F during strike						
	29	Record: Start Fin Min						
		V-343 <u>6:45</u> V-349 <u>10:30 A.M.</u> 225						
		Record:	Time	V-343	V-349	SV	Normal	
				in	in	pH	pH	
		at 20 min	<u>6:45</u> (52)	<u>25</u>	<u>22</u>	<u>9.8</u>	9.3-10.0	
		40 min	<u>7:25</u> (48)	<u>20</u>	<u>20</u>	<u>9.8</u>	9.3-10.0	
		1 hr	<u>7:45</u> (43)	<u>18</u>	<u>18</u>	<u>9.8</u>	9.3-10.0	
		2 hrs	<u>9:00</u> (27)	<u>7</u>	<u>7</u>	<u>9.8</u>	9.3-10.0	
		3 hrs	<u>10:15</u> (10)	<u>0</u>	<u>0</u>	<u>9.8</u>	9.3-10.0	
		Finish	<u>11:00</u> (0)	<u>0</u>	<u>0</u>	<u>7.7</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					700	530-A 700
	31	Add in 12-13 min						
	32	Stir 5 min & Record: pH <u>10.2</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					350	15-A 350
	35	Dump in & stir to dissolve for S 42						
302	36	Run 36" (440 G) water into V-302					380	7-D 190
	37	Add & stir 2 min for S 44 Assume 50%						
SV	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					250	128-A 250
	42	Run in V-357 from S 35 & stir 5 min						
	43	Record: pH <u>4.0</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>9.3</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
	48	Stir 5 min to dissolve for S 49						
SV	49	Run V-313 into SV in 15-20 min						
	50	Stir 15 min						
	51	Record: pH <u>9.1</u> (9.0-10.0)						
	52	Stop agitator <u>DO NOT STOP V-343</u>						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	26"	50"				
		START <u>11:00 PM</u> FIN <u>7:00 A.M.</u> OPTR <u>235-259</u>						
		<u>1-11-80 11:00 P</u> <u>12:00 A</u> <u>7:00 A</u> <u>235-323</u>						
		<u>7 AM</u> <u>12 PM</u> <u>7:00 A</u> <u>282-381</u>						

