

S.V. 243, 244, 246, 247, 262

C.V.

D.V.

CG 03 CODE KY-787-D PKG. _____

→ FEB-9 34311
EST. WGT. 1090 LBS.

STD. HRS. 10.6 TIME 5: P M
14 YC-2-B 93 4 Lot 24470, 1000#
14 YC-2-B 93 4 Lot 24478, 700#
14 YC-2-B 93 4 Lot 24467, 700#

PROCESSES		APPROVED BY
() KY-787-D	(R)	
() Alternate	()	
()	()	FWK 9/22/76
()	()	DCG 9/22/76
TYPED BY		MTW 9/30/76
NE 2/12/77		

OK
AP

Total Wgt. 3490# Req()

NON-BLEEDING

EQUIPMENT	NAME:	USE LBS.	N CODE	ACCT. LBS.
203	11 NAME: "KROLOR" YELLOW-MEDIUM			
&	12 Run 33" (560 G) water into V-203			
205	13 Weigh in drum & pour in	320	32-D	320
1	14 Dump in & stir 5 min	48 x 50	YC-2-B	2400
	Record: Start <u>8:30 AM</u> <u>24470</u>	<u>1.000</u>		
	Fin <u>9:30 AM</u> <u>24478</u>	<u>700</u>		
	<u>25" (275 G)</u> <u>24467</u>	<u>700</u>		
	15 Adj to 70" (1200 G) <u>2400-2600</u>	<u>700</u>		
	16 Pump V-203 thru Homog # 3 at 1800-2200 psi into V-205 <u>263</u>			
	17 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water			
	18 Record: V-205 Vol <u>54</u> " & adj to 60" (2100 G)			
	19 Inspect Homog strainer & clean if Necessary			
SV	20 Run <u>2</u> " (514 G) water into V- <u>262</u> install temp chart & start agitator			
<u>263</u>	21 Pump V-205 thru Homog at 4800-5200 psi into SV- <u>262</u>			
2	Record: Time Start <u>7:30 A</u> Total Min <u>160</u>			
	Note: If homog pressure falls below 4800 psi 3-way valve will recirculate slurry to V-205			
	22 When V-205 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi			
349	23 While Homog, run 6" (284 G) water into V-349			
&	24 Run ± 1000# water into V-384 & heat to 110-120F			
384	25 Weigh into V-384 & Pump to V-349	1840	32-D	1840
3	26 Run ± 1000# water into V-384 & pump to V-349			
	27 Adj V-349 to 17" (805 G) & stir 15 min or longer			
	28 Record: Be' <u>1.080</u> (10.95 ± 0.2) (1.077-1.082)			
SV	29 When S 11 Homog complete, Adj SV to <u>35</u> " (2470 G)			
4	30 Record: pH <u>10.7</u> & adj to 11.1-11.3 using N-7-D diluted to 5% (10 Parts water to 1 part N-7-D) Assume 50%	<u>20</u>	7-D	<u>10</u>
	Siphon into SV & Record: pH <u>11.2</u>			
	31 Heat to 190-194 F in 55-65 min & Record: HT <u>19 V F</u> & Rec <u>19 V F</u>			
	Note: Strike must be started immediately on completion of heating			
343	32 While heating SV, run 39" (1070 G) water into V-343			
&	33 Meter in from V-386 M <u>16</u> , <u>1.017</u> #/Gal <u>280</u> Gal		27-D	275
386	34 Stir 15 min or longer			
5	35 Record: Be' <u>1.018</u> (2.8 ± 0.1) (1.017 - 1.019)			

W

V-262

EQUIPMENT	PAGE 2	CG03	CODE KY-787-D (R)	EST. WGT. 3490	LBS.	USE LBS.	N CODE	ACCT. LBS.
SV 6	25	When S 20 heating complete Record: pH <u>9.8</u> (9.5-10.0)						
	26	Set V-343 acid pump at 82 setting ($\pm$ 150 min)						
	27	Set V-349 silicate pump at 72 setting ($\pm$ 120 min)						
	28	Immediately meter in V-343 & 349, Maintain SV at 190-193F during strike						
	29	Record: Start Finish Minutes						
		V-343	1:35 P.M.	4:00 P.M.	165			
		V-349		4:50 P.M.	135			
	Record:	Time	V-343 in	V-349 in	SV pH	Normal pH		
	at 20 min	1:55 P.M.	(35) 35	(14) 14	9.8	9.3-10.0		
	40 min	2:15 P.M.	(30) 30	(11) 11	9.8	9.3-10.0		
	1 hr	2:35 P.M.	(24) 24	(9) 9	9.8	9.3-10.0		
	2 hrs	3:35 P.M.	(8) 11	(0) 2	9.9	9.3-10.0		
	Finish +	4:05 P.M.	0	0	9.5	7.5-8.5		
	Note: If pH drops below 9.0 in 1st hr, stop pumps & see Supy.							
	If final pH is above 8.5 adj to 7.5-8.5 & Record: pH <u>7.6</u>							
		Assume 77 %					50	27-D 35
330 7	30	Run 20" (392 G) water into V-330 & heat to 80-100 °F						
	31	Add in 7-8 min						
	32	Stir 5 min & Record: pH <u>9.8</u> (9.5-10.5)						
	33	Stir 20 min or longer to dissolve for S 46						
357 8	34	Run 11" (80 G) water into V-357 & heat to 135-140 °F						
	35	Dump in & stir to dissolve for S-42						
						160	15-A	160
302 9	36	Run 30" (360 G) water into V-302						
	37	Add & stir 2 min for S44						
						180	7-D	90
		Assume 50%						
SV 10	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 2 bags						
						100	128-A	100
	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>9.1</u> (9.0-9.5) & if necessary adj to pH 9.0-9.5						
		& Record: pH					27-D	
		(Dilute 10 parts water to 1 part N-7-D)					7-D	
		Siphon N-7 into SV						
	46	Run in V-330 thru 20 mesh screen & stir 20 min						
313 11	47	Run 10" (128 G) water into V-313 & dump in						
						135	20-A	135
	48	Stir 5 min to dissolve for S 49						
SV 12	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						
		START	FINISH	OPTR				
		1:00 P.M.	3:00 P.M.	381-282				
		3:00 P.M.	6:30 P.M.	320-145				
	Step	V-262 (20 RPM) . V-243, 244, 246, 247						
	9	5"						
	18	25"						

