

s.v. (243) (244) Automated C.V.

D.V.

CG 03 CODE KY-781-D PKG.

→ JAN 26 34003

EST. WGT. 1328-1128 LBS.

STD. HRS. TIME

14 YC-3-B 93 4 24411 3100 #

14 YC-3-B 93 4 #

14 YC-3-B 93 4 #

Total Wgt. 4428# (Req)

NON-BLEEDING

EQUIPMENT	NAME:	USE LBS.	N CODE	ACCT. LBS.
	KROLOR® YELLOW LIGHT			
203	1 Run 60" (992 G) water in V-203 & add	Assume 50%	36	7-D 18
&	2 Weigh in drum & pour in		442	32-D 442
205	3 Dump in & stir 5 min	Lot 62	66 x 50	YC-3-B 3300
1	Record: Start 12:30 P.M.	24411	3100	3100
	Fin 2:00 P.M.			
	75" (12756) 2400-5600			
	4 Adj to 80" (1360 G) & Record: pH (10.5-11.5)			
	5 Pump V-203 thru Homog # at 1800-2200 psi into V-205			
	6 When V-203 MTY wash color thru Homog at 1800-2200 psi using minimum water			
	7 Record: V-205 Vol " & adj to 45" (1662 G)			
	8 Inspect Homog strainer & clean if necessary			
205	9 Run 12" (200 G) water into SV & start agitator			
&	10 Pump V-205 thru Homog at 4800-5200 psi into V-244			
SV	Record: Time Start 9:10 AM Total Min 165			
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 and pump thru Homog at 4800-5200 psi			
SP & CP	12 SP Step 01 - Set Formula Selector to position #1 (V-243) or #6 (V-244)			
3	13 Press SV Cam Reset PB-Set 22TC in Auto Remote (Temperature is set at 190-194°F)			
	14 Record levels and set Raw Material Counter #1 as follows:			
	a) 11G 39 % - preset #3 187 Gal		15-A	374
	15 Set strike flow controllers as follows:			
	a) 2FC10 (N-27-D Controller) in Manual 0.9 GPM		27-D	373
	b) 3FC20 (N-27-D Water) in Manual Local 6.3 GPM			
	c) 3FR10 (N-27-D / Water Ratio) 0.7			
	d) 8FC10 (N-32-D Controller) in Manual 1.20 GPM		32-D	2527
	e) 8EC20 (N-32-D Water) in Manual Local 5.4 GPM			
	f) 8FC20 (N-32-D Water) in Remote			
	g) 8FR10 (N-32-D / Water Ratio) 0.9			
SV	16 Operator Step PB			
SP & CP	17 Record Level 2LG 84 %. If below 35% follow solution make-up procedure for N-27-D			
4	18 Adj SV to 54" (2800 G)			
	19 Record: pH 10.8			
	20 Adj pH to 11.4-11.6 using Assume 50%	2.0	7-D	10
	(Dilute to 5% (10 parts water to 1 part N-7-D)			
	Siphon into SV. Record: pH 11.6			
	21 Operator Step PB			

PROCESSES	APPROVED BY
() KY-781-D (N)	FWP 101378
() ()	AMJ 101378
() ()	
() ()	
TYPED BY	
emw101378	

V-244

EQUIPMENT	PAGE 2	CO 03	CODE KY-781-D	N EST. WGT.	1128 LBS.	USE LBS.	N CODE	ACCT LBS.
SV	22	SP Step 06/39.	After heat up Record: pH 10.1 (9.6-10.2)					
SP	23	Switch 3FC20, 8FC10, 8FC20, to Auto						
&	24	Operator Step PB						
CP	25	SP Step 10/43 - When 3FC20, 8FC10, 8FC20 water flow in limits						
5		switch 3FC10 to Auto. Operator Step PB						
	26	SP Step 11/44 - When 3FC10, 3FC20, flow in limits, switch 3FC20						
		to Remote. Operator Step PB						
	27	During Strike, Record pH & Time as follows:						
		SP Step	pH	Range	Time			
		13/41 (30 min)	9.8	9.3-10.0	5:15 PM			
		14/47 (60 min)	9.8	9.3-10.0	5:45 PM			
		(2 hrs)	9.8	9.3-10.0	6:45 PM			
		(3 hrs)	9.8	9.3-10.0	7:45 PM			
		17.50 (Final)	8.1	7.5-8.5	8:30 PM			
		NOTE: If pH not as specified notify Supervisor & note in log. If final pH is above (8.5) Adj to pH 7.5-8.5						
				M	%		27-D	
V-302	28	Add 31" (379 G) water to V-302						
6	29	Add & stir 5 min		Assume 50%		124	7-D	62
SV	30	SP Step 17/50 after checking pH. Operator PB						
SP	31	SP Step 23/53 Record: pH 3.6 (3.3-3.7)						
&	32	If necessary adj pH (DOWN ONLY) Record: pH					15-A	
CP		NOTE: Dissolve extra N-15-A in water at 110-120°F in drum						
7		Use ±30 Gal of water to 50# N-15-A. Stir SV 5 min						
		after each addition						
	33	Stir in				350 150	128-A	150
	34	Run in N-7-D from S 29 & stir 5 min						350
	35	Record: pH 4.7 (4.2-4.4)						
	36	If necessary adj pH to (4.2-4.4) with dilute N-7-D (10 parts						
		H ₂ O to 1 part N-7-D) or N-27						
				M	10.1%	%	30	27-D
					Assume 50%		7-D	21
		Siphon (if N-7-D) into SV. Record: pH						
	37	Operator Step PB						
	38	SP Step 24/54 - Add N-978-A & stir 15 min				20	978-A	20
	39	Operator Step PB						
	40	SP Step 60 - Batch Complete						
		START	FIN	OPTR				
		TIME	SP STEP	TIME	SP STEP			
		3:00 PM		7:00 PM		438-405		
		11:00 PM		7:00 PM		101		
		7:00 PM		3:00 PM		144-244		
		3:00 PM		9:25 PM		404-381		



