

S.V. (243) 244 Automated C.V.

D.V.

CG 03 CODE KY-781-D PKG.

→ 428 JAN 28 33927

EST. WGT. 1178 1128 LBS.

STD. HRS. TIME 11P M

14 YC-3-B 93 4 #

14 YC-3-B 93 4 24418 3300 #

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4478 Total Wgt. 4428# (Req)

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

4 1st Pass

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	66 x 50	YC-3-B	3300
1	Record: Start 3:40 P.M.			
	Fin 4:20 P.M. 24418			
	75" (12756) 2400-2600			
	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 43 " & 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-243			
SV	Record: Time Start 1:15 Am Total Min 240			
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) 11LG 40 % - preset #3 187 Gal		15-A	374
	15 Set strike flow controllers as follows:			
	a) 3FC10 (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) 8FC20 (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 60%. If below 35% follow solution make-up procedure for N-27-D			
4	18 Adj SV to 54" (2800 G)			
	19 Record: pH 9.9			
	20 Adj pH to 11.4-11.6 using Assume 50%	22	7-D	11
	(Dilute to 5% (10 parts water to 1 part N-7-D)			
	Siphon into SV. Record: pH 11.4			
	21 Operator Step PB			

EQUIPMENT	PAGE 2 CG 03 CODE KY-781-D N EST.WGT.	1128 LBS.	USE LBS.	N CODE	ACCT LBS.
SV	SP Step 06/39. After heat up Record: pH 9.5 (9.6-10.2)				
SP	Switch 3FC20, 8FC10, 8FC20, to Auto				
&	Operator Step PB				
CP	SP Step 10.43 - When 3FC20, 8FC10, 8FC20 water flow in limits switch 3FC10 to Auto. Operator Step PB				
5	SP Step 11/44 - When 3FC10, 3FC20, flow in limits, switch 3FC20 to Remote. Operator Step PB				
	During Strike, Record pH & Time as follows:	7:50 A.M.			
	SP Step pH Range Time				
	13/41 (30 min) 9.4 9.3-10.0 8:00 P.M.				
	14/47 (60 min) 9.4 9.3-10.0 8:30 B.M.				
	(2 hrs) 9.5 9.3-10.0 9:30 A.M.				
	(3 hrs) 9.5 9.3-10.0 10:30 P.M.				
	17.50 (Final) 7.5 7.5- 8.5 11:15 A.M.				
	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	Add 31" (379 G) water to V-302				
6	Add & stir 5 min	Assume .50%	124	7-D	62
SV	SP Step 17/50 after checking pH. Operator PB				
SP	SP Step 23/53 Record: pH 3.2 (3.3-3.7)				
&	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				
	Sift in		200 150	128-A	150
	Run in N-7-D from S 29 & stir 5 min				200
	Record: pH 4.2 (4.2-4.4)				
	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 _____ %		27-D	
		Assume 50%		7-D	
	Siphon (if N-7-D) into SV. Record: pH				
	Operator Step PB				
	SP Step 24/54 - Add N-978-A & stir 15 min		20	978-A	20
	Operator Step PB				
	SP Step 60 - Batch Complete				
	START	FIN	OPTR		
	TIME SP STEP	TIME SP STEP			
	3:00 PM	11:00 AM	7:09		
	Time Run	7:05 A	126-201		
		12:00 PM	37-237		

