

S.V. (243) 244 (Automated)

C.V.

MAKING INSTRUCTIONS: BATCH UNIT

D.V.

CG 03 CODE KY-907-D PKG.

→ DEC 21 33442

EST. WGT. 1080 LBS.

STD. HRS. TIME 3 P M

14 YC-2-B 93 4 Lot 24075, 24075 #

14 YC-2-B 93 4 Lot 24165, 24165 #

14 YC-2-B 93 4 Lot , #

PROCESSES		APPROVED BY	
()	KY-907-D	(D)	EWK 12/12/77
()		()	DCG 12/13/77
()		()	MW 12/15/77
()		()	
TYPED BY			
RJ 2/3/78			

OK
HP

V-240 'M.T.I. 1: 1/2 Pump V-243 To V-240 Homog #3 - 2nd Pass

Total Weight - 3480#

NON-BLEEDING

EQUIPMENT		NAME: (990G)	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1	Run 33" (560 G) water into V-203			
	2	Pour in	320	32-D	320
	3	Dump in	48 x 50	YC-2-B	2400
	1	Record: Start 2:30 AM. Fin 3:30 AM. Lot 24075, 24165	2000		
205	4	Adj to 70" (1200 G) 2400-2600			
	5	Pump V-203 thru Homog #3 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 42" & adj to 60" (2100 G)			
205	8	Inspect Homog strainer & clean if necessary			
	9	Run 10" (514 G) water into SV & start agitator			
	10	Pump V-205 thru Homog at 4800-5200 psi into V-243			
	2	Record: Time Start 1:30 P Total Min 7:30			
SP & CP	11	NOTE: If Homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-205			
	12	When V-205 MTY, run in 5" (240 G) water and pump thru Homog at 4800-5200 psi			
	13	SP Step 01 - Set Formula Selector to position #2 (V-243) or #7 (V-244)			
	14	Press SV Cam Reset PB-set 22TC in Auto Remote (Temperature is set at 190-194 F)			
SV	15	Record levels and set Raw Materials Counter #1 as follows: 11LG 38% - preset #1 80 Gal		15-A	160
	16	Set strike flow controllers as follows:			
	a.	3FC10 (N-27-D Controller) in Manual 0.83 GPM		27-D	275
	b.	3FC20 (N-27-D Water) in Manual Local 5.28 GPM			
SP & CP	c.	3FC10 (N-27-D/Water Ratio) 0.64			
	d.	8FC10 (N-32-D Controller) in Manual 1.08 GPM		32-D	1840
	e.	8FC20 (N-32-D Water) in Manual Local 4.47 GPM			
	f.	8FC20 (N-32-D Water) in Remote			
SV	g.	8FR10 (N-32-D/Water Ratio) 0.83			
	17	Operator Step PB			
	18	Record Level 2 LG 48%. If below 35% follow solution make-up procedure for N-27-D			
	19	Adj to 48" (2470 G)			
SP & CP	20	Record: pH 10.7			
	21	Adj to 11.1-11.3 using N-7-D diluted to 5% Assume 50%	16	7-D	
	22	(10 parts water to 1 part N-7-D)			
	23	Siphon into SV Record: pH 11.1			
SV	24	Operator Step PB			
	25				

EQUIPMENT		PAGE 2 CG 03 CODE KY-907-D (D) EST. WGT. 3480 LBS.	USE LBS.	N CODE	ACCT. LBS.
SV SP & CP 5	22	SP Step 06/39 - After heat up Record: pH <u>9.9</u> (9.5-10.0)			
	23	Switch 3FC20, 8FC10, 8FC20 to Auto			
	24	Operator Step PB			
	25	SP Step 10/43 - When 3FC20, 8FC10, 8FC20 water flows in limits			
		Switch 3FC10 to Auto. Operator Step PB			
	26	SP Step 11/44 - When 3FC10, 3FC20 flows in limits, switch			
		3FC20 to Remote			
	27	Operator Step PB			
	28	During strike, Record pH & time as follows:			
		SP Step			
		V-243/V-244			
		pH <u>9.85</u> Range			
		13/46 (30 min)	9.0-10.0		
		14/47 (60 min)	9.0-10.0		
		15/48 (2 hrs)	9.0-10.0		
		16/49 (2 hrs 25 min)	9.0-10.0		
		17/50 (3 hrs Final)	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%			
	29	Sift in	501	27-D 128-A	50
302 6	30	Add 17" (208 G) water to V-302			
	31	Add & stir 2 min for S58	Assume 50%	100	7-D 50
PT 7	32	During strike pump into PT	318	169-A	318
	33	Pump in	36	155-A	36
	34	Pump in	36	160-A	36
	35	Stir 10 min with lightning mixer for S39			
356 8	36	During strike run ^{14"} 20" (244 G) water into V-356			
	37	Turn on steam			
	38	Adj to ^{26"} 26" (317 G) at 178-182°F <u>81-82°C</u>			
	39	Pump PT mixture from S35 thru undersurface			
		Distributor AFAP			
	40	Rinse PT with hot water from hot water mixer & pump in			
	41	Shut off pump <u>81-82°C</u>			
	42	Stir 30 min at 178-182°F for S49			
	43	Do not shut off agitator			
SV & SP 9	44	When S29 complete, heat SV to 198-200°F in 5-10 min			
	45	Close water line & discharge valves at stearate pump			
	46	Open V-356 Discharge valves to stearate pump inlet			
	47	Open water valve at stearate pump & run water thru			
		Homog at 2900-3100 psi to sewer			
	48	While Homog water at 2900-3100 psi, open Homog			
		Discharge valve to SV & close valve to sewer			
	49	Immediately open stearate pump discharge valve,			
		Turn on pump & Homog V-356 to SV at 2900-3100 psi			
		Maintain SV at 198-200°F			
	50	While Homog V-356 to SV, shut off water valve at			
		Stearate pump ASAP			
	51	When Homog complete, rinse in V-356 with hot water			
		From hot water mixer			

[illegible]



