

PUNCHED & CHECKED

MAKING INSTRUCTIONS: BATCH UNIT

S.V. 243, 244, 246, 247 (2602) C.V.

D.V.

CG 03 CODE KY-907-D PKG.

EST. WGT. 1080 LBS.

STD. HRS. TIME

14 YC-2-B 93 4 Lot 24786, 2000 #
14 YC-2-B 93 4 Lot 24787, 2000 #
14 YC-2-B 93 4 Lot _____, _____ #

PROCESSES		APPROVED BY	
() KY-907-D	(E)	EWK 12/12/77	
() Alternate	()	DCG 12/14/77	
()	()		
()	()		
TYPED BY			
M 3/17/78			

Homog #3 - 127 Pcc

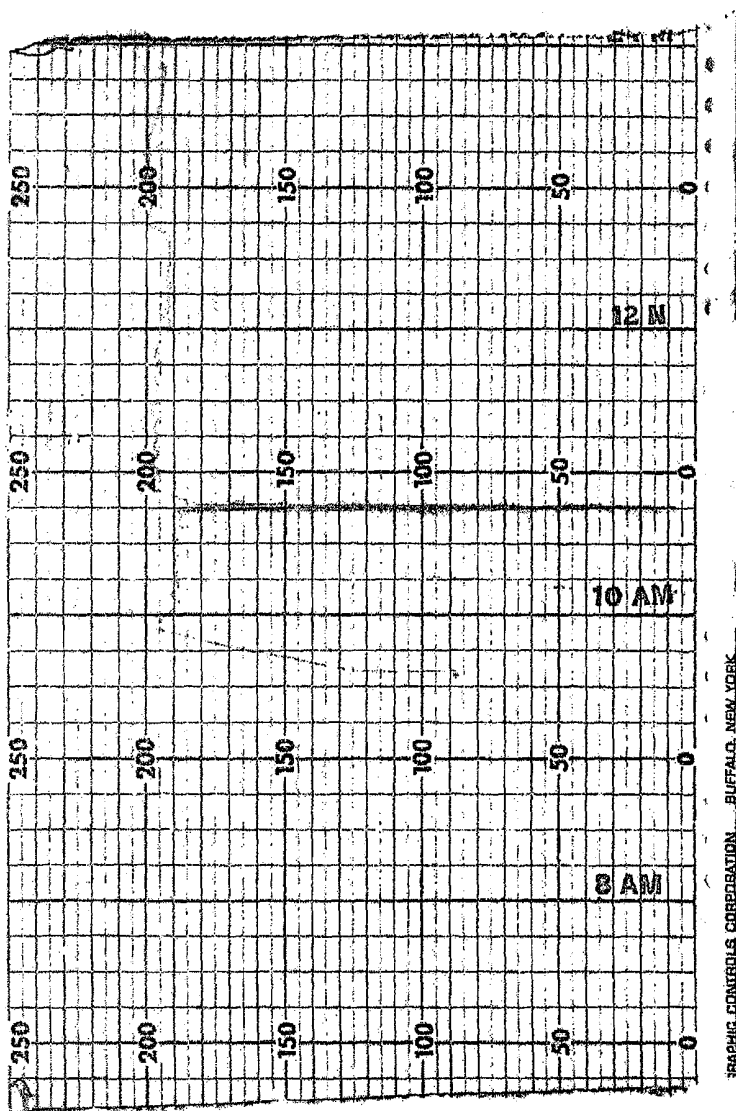
Total Wgt. 3480# (Req. _____)

NON-BLEEDING

EQUIPMENT	NAME: KROLOR ⁰ YELLOW - MEDIUM	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1 Run 33" (560 G) water into V-203 Set agitator to High speed	320	32-D	320
	2 Pour in			
	3 Dump in			
	Record: Start _____			
	Fin _____			
	4 Add to 70" (1200 G)			
	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. _____ " & add to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
SV & 205	9 Run 10" (514 G) water into V-262. Install Temp chart & start agitator			
	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
	Record: Time Start _____ to _____ Min _____			
	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			
349 & 384	12 While Homog. run 6" (284 G) water into V-349			
	13 Run +1000# water into V-384 & heat to 110-120°F			
	14 Weigh into V-384 & pump to V-349	1840	32-D	1840
	15 Run +1000# water into V-384 & pump to V-349			
	16 Add V-349 to 17" (805 G) & stir 15 min or longer			
	17 Record: Be 1.079 (11.0±0.2) (1.079 - 1.082)			
SV & 349	18 When S 11 Homog complete. add SV to _____" (2470 G)			
	19 Record: pH 10.4 & add to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D)			
	Siphon into SV & Record: pH 11.2			
	20 Heat to 190-194°F in 55-65 min & Record: HTI _____ °F & Rec _____			
	Note: Strike must be started immediately on completion of heating			
343 & 386	21 While heating SV. run 39" (1070 G) water into V-343			
	22 Meter in from V-386 M 10.8 #/Gal 25.3 Gal			
	23 Stir 15 min or longer			
	24 Record: Be 1.077 (2.8±0.1) (1.077 - 1.079)			

EQUIPMENT		PAGE 2 CG 03 CODE ky-907-D (E) EST. WGT. 3480 LBS.	USE LBS.	N CODE	ACCT LBS.
SV 6	25	When S 20 heating complete Record: pH 10.0 (9.5-10.0)			
	26	Set V-343 acid pump at 82 setting (±150min)			
	27	Set V-349 silicate pump at 72 setting (-120min)			
	28	Immediately meter in V-343 & 349. Maintain SV at 190-194°F during strike			
	29	Record: Start Finish Minutes			
		V-343 4:40 7:30 160			
		V-349 4:40 6:45 125			
		Record: Time V-343 V-349 SV Normal			
		Inches Inches pH pH			
		at 20 min 5.5 (35) (14) 10.0 9.3-10.0			
357 383 7	30	40 min 5:40 (30) (11) 10.0 9.3-10.0			
		1 hrs 5:40 (24) (9) 10.0 9.3-10.0			
		2 hrs 6:10 (8) (0) 9.0 9.3-10.0			
		Finish 7:10 (0) (0) 8.0 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 to 7.5-8.5 & Record: pH: Assume 78%			
	30	Sift in	50	27-D 128-A	50
	31	Run 11" (80 G) water into V-357 & heat to 135-140°F			
	32	Dump in & stir to dissolve for S 60	160	15-A	160
	302 8	33 Run 17" (208 G) water into V-302			
		34 Add & stir 2 min for S 62 Assume 50%	100	7-D	50
PT 9	35	During strike pump into PT	318	169-A	318
	36	Pump in	36	155-A	36
	37	Pump in	36	160-A	36
	38	Stir 10 min with lightning mixer for S 42			
356 10	39	During Strike, Run 20" (244G) water into V-356			
	40	Turn on steam			
	41	Adj to 26" (317G) at 178-182°F			
	42	Pump PT mixture from S38 thru undersurface distributor ASAP			
	43	Rinse PT with hot water from hot water mixer & pump in			
	44	Shut off pump			
	45	Stir 30 min at 178-182°F for S 54			
	46	Do not shut off agitator			
SV 11	47	When V-349 MTV, rinse in with minimum water then set pump to zero setting			
	48	When V-343 MTV, rinse in with minimum water then turn off pump motor			
	49	Heat to 198-200°F in 5-10 min			
	50	Close water line & discharge valves at stearate pump			
	51	Open V-356 discharge valves to stearate pump inlet			
	52	Open water valve at stearate pump & run water thru Homog at 2900-3100 PSI to sewer			
	53	While Homog water at 2900-3100 PSI, open Homog discharge valve to SV & close valve to sewer			
	54	Immediately open stearate pump discharge valve turn on pump & Homog V-356 to SV at 2800-3100 PSI Maintain SV at 198-200°F			
	55	While Homog V-356 to SV, shut off water valve at stearate pump ASAP			

EQUIPMENT	PAGE	3	CG	03	CODE	KY-907-D (E)	EST. WGT.	3480	LBS.	USE	N	ACCT.
										LBS.	CODE	LBS.
SV	11											
Con't												
	56					When Homog complete, Rinse in V356 with hot water						
						From hot water mixer						
	57					When S56 complete, turn off Homog & stearate pump						
	58					Stir 5 min at 198-200°F						
	59					Shut off steam						
	60					Run in V-38 from S32 and stir 5 min						
						Record: pH 3.7 (3.3-3.7)						
	61					If necessary, adj pH to 3.3-3.7 (Downward only) and						
						Record: pH					15-A	
	62					Run in N-7-D from S34 in 4-6 min and stir 5 min						
	63					Record: pH 4.4 (4.2-4.4) and if necessary, adj to						
						pH 4.2-4.4 & Record: pH 4.4					27-D	8
						(Dilute 10 parts water to 1 part N-7-D)					7-D	
						Siphon N-7-D into SV						
	64					Do not stop agitator						



DUP050456531

N32083.01

V-262