

CG 03 CODE KY-908-D PKG.

JAN 22 33964
EST. WGT. 1603 LBS.

STD. HRS. TIME 5 P M

14 YC-3-B 93 4 Lot 24425 4000#
 14 YC-3-B 93 4 Lot 24426 150#
 14 YC-3-B 93 4 Lot 24427 50#
 23347 400

TOTAL WGT. 6203

PROCESSES		APPROVED BY	
() KY-908-D	(F)	FWK	12/12/77
() Alternate	()	DCG	12/14/77
()	()	MW	12/19/77
()	()		
TYPED BY			
RJ 2/6/78			

Homog #4 - 1st Pass

NON-BLEEDING

ITEM	NAME	USE LBS.	N CODE	ACCT. LBS.
103	60" KROLO® YELLOW - LIGHT			
203	Run 2" (360 G) water into V-203			
203	Pour in	610	32-D	610
203	Dump in			
203	Record: Start 3:30 P.M. Lot 24425 4000#	92 x 50	YC-3-B	4600
203	Fin 2:30 P.M. 24426 150#			
203	24427 50#			
203	23347 400			
203	Adj to 70" (3200 G) 2400-3600			
203	Pump V-203 thru Homog at 1800-2200 psi into V-205-263			
203	When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water 263			
203	Record: V-205 Vol 41" & adj to 60" (2100 G)			
203	Inspect Homog strainer & clean if necessary			
205	Run 2" (200 G) into V-262. Install temp chart & start agitator			
205	Pump V-205 thru Homog at 4800-5200 psi into SV			
205	Record: Time Start 3:30 P.M. Total Min 165			
205	Note: If homog pressure falls below 4800 psi 3-way valve will recirculate slurry to V-205			
205	When V-205 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi			
349	While Homog, run 6" (248 G) water into V-349			
349	Run +1000# water into V-384 & Heat to 110-120°F			
384	Weigh into V-384 & pump to V-349	2150	32-D	2150
384	Run +1000# water into V-384 & pump to V-349			
384	Adj V-349 to 20" (946 G) & stir 15 min or longer			
384	Record: 98g 1.080 (2.5 ± 0.1) 1.077-1.080			
SV	When S. 11 Homog complete, adj SV to 25" (2478 G)			
SV	Record: pH 10.8 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	40	7-D	20
SV	Siphon into SV & Record: pH 11.2			
SV	Heat to 190-194°F in 35-45 min & Record: HT °F & Rec °F			
SV	Note: Strike must be started immediately on completion of heating			
343	While heating SV, run 45" (1237 G) water into V-343			
343	Motor in from V-386 M 10 9.502 #/Gal 33.5 Gal		27-D	318
343	Stir 15 min or longer			
343	Record: 98g 1.016 (2.5 ± 0.1) 1.015-1.016			

V-262

IPMENT	PAGE 2	CG 03 CODE	KY-908-D (F)	EST. WGT. 6203	LBS.	USE LBS.	N CODE	ACCT LBS.
6	25	When S 20 heating complete Record: pH 9.6 (9.5-10.0)						
	26	Set V-343 acid pump at 64 setting (+225 min)						
	27	Set V-349 silicate pump at 57 setting (+180 min)						
	28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike						
	29	Record: Start Finish Minutes						
		V-343 10:50 2:10 2:20						
		V-349 10:50 2:10 2:20						
		Record:	Time	V-343 in	V-349 in	SV pH	Normal pH	
		at 20 min	11:10	(42)	(18)	9.6	9.3-10.0	
		40 min	11:30	(38)	(15)	9.6	9.3-10.0	
357 7	33	Add 24" (294 G) water to V-302						
	34	Add and stir 2 min for S63 Assume 50%						
	35	During strike pump into PT						
	36	Pump in						
	37	Pump in						
	38	Stir 10 min with lightning mixer for S42						
	39	During Strike, Run 26" (317G) water into V-356						
	40	Turn on steam						
	41	Adj to 33" (403 G) at 178-182°F 81-83°C						
	42	Pump PT, mixture from S38 thru undersurface Distributor AFAP						
302 8	43	Rinse PT with Hot Water from Hot Water mixer & Pump in						
	44	Shutoff pump 81-83°C						
	45	Stir 30 min at 178-182°F for S54						
	46	DO not shutoff Agitator						
	47	When V-349 MTY. rinse in with minimum water then set pump to zero setting						
	48	When V-343 MTY. 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						
356 10	53	While Homog water at 2900-3100 psi, open Homog Discharge valve to SV & close valve to sewer						
V 11								

✓-262

EQUIPMENT		PAGE 3 CG 03 CODE KY-908-D (E) EST. WGT. 3549	LBS.	USE LBS.	N CODE	AC L
SV 11 con't	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				
	56	When homog complete, rinse in V-356 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-357 from S32 and stir 5 min				
	61	Record: pH 3.3 (3.3-3.7)				
	62	If necessary, adj pH to 3.3-3.7 (Downward only) and Record: pH			15-A	
	63	Run in N-7-D from S34 in 4-6 min and stir 5 min				
	64	Record: pH 3.2 (4.2-4.4) and if necessary, adj to pH 4.2-4.4 and Record: pH 4.2		Assume 78%	27-D	
		(Dilute 10 parts water to 1 part N-7-D)		Assume 50%	7-D	30
		Siphon N-7-D into SV				
	65	Do not stop agitator				
		START 7:00 AM 3:00 PM	FIN 3:00 PM 11:00 PM	OPTR 2-355 54 435-469		
		11:00 PM	4:14 PM	244-37		

