

NOV - 5 1979

PUNCHED & CHECKED

MAKING INSTRUCTIONS: BATCH UNIT

262

C.V.

NOV 1 1

D.V.

CG 03 CODE KY-908-D PKG. _____

NOV - 7 32581

EST. WGT. 1603 LBS.

STD. HRS. _____ TIME _____

5 P.M.

NOV - 8 1979

S. OR

14 YC-3-B 93 4 Lot 23877 2.000#
 14 YC-3-B 93 4 Lot 23382 2.000#
 14 YC-3-B 93 4 Lot _____ #

TOTAL WGT. 6203

4.600

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

AP Homog #4 - 1st Pass
 " #3 - 2nd Pass
 NON-BLEEDING

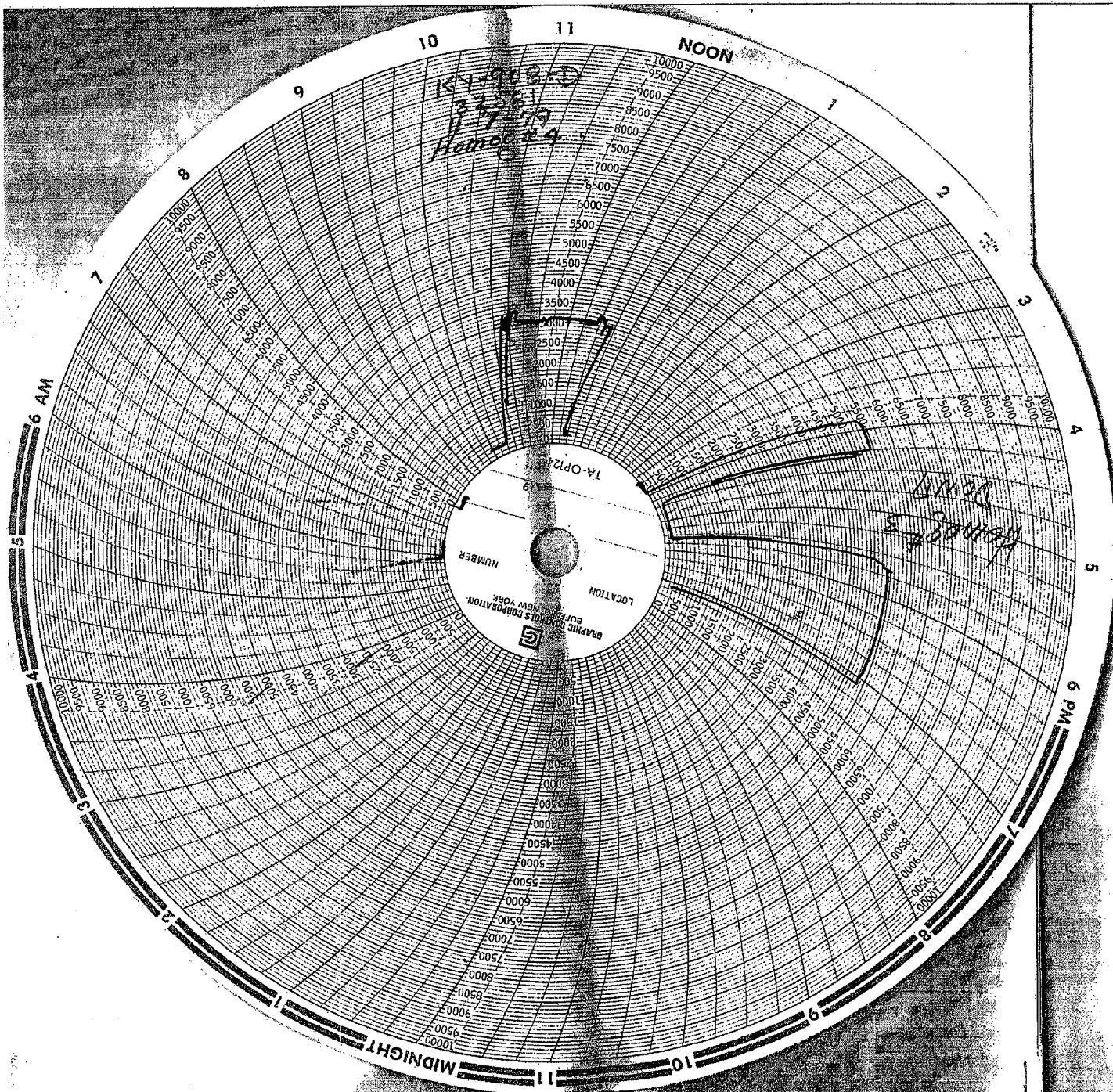
MPMENT	NAME: KROLOR® YELLOW - LIGHT	USE LBS.	N CODE	ACCT. LBS.
03	1 Run 2" (360 G) water into V-203			
&	2 Pour in	610	32-D	610
05	3 Dump in	92 x 50	YC-3-B	4600
1	Record: Start 8:30 PM Lot 23877 2.000# Fin 10:00 23382 2.000#			
	80" (1360 G)			
	4 Add to 70" (1200 G) 2400-3600			
	5 Pump V-203 thru Homog 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 44" & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
V &	9 Run 2" (200 G) into V-205 Install temp chart & start agitator			
205	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
2	Record: Time Start 3:45 PM Total Min 120			
	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	12 While Homog, run 6" (248 G) water into V-349			
&	13 Run +1000# water into V-384 & Heat to 110-120°F			
384	14 Weigh into V-384 & pump to V-349	2150	32-D	2150
3	15 Run +1000# water into V-384 & pump to V-349			
	16 Add V-349 to 20" (946 G) & stir 15 min or longer			
	17 Record: 98° 1.078 (10.0 ± 0.2) 1.077-1.080			
	21/mL			
V	18 When S 11 Homog complete, adj SV to 25" (2478 G)			
4	19 Record: pH 9.8 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50% 60 7-D 30			
	Siphon into SV & Record: pH 11.3			
	20 Heat to 190-194°F in 35-45 min & Record: HT 187°F & Rec 194			
	Note: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 45" (1237 G) water into V-343			
&	22 Meter in from V-386 M 73- 9.42 #/Gal 33.8 Gal		27-D	318
386	23 Stir 15 min or longer			
5	24 Record: 98° 1.016 (2.5 ± 0.1) 1.015-1.016			
	g/mL			

V-267

IPMENT	PAGE 2	CG 03	CODE	KY-908-D (F)	EST. WGT. 6203	LBS.	USE LBS.	N CODE	ACCT. LBS.
5	25	When S 20 heating complete Record: pH 9.95 (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 10:05 1:50 AM 225							
		V-349 10:05 1:50 AM 190							
		Record:	Time	V-343	V-349	SV	Normal		
				in	in	pH	pH		
		at 20 min	10:05	(42) -	(18) -	9.8	9.3-10.0		
		40 min	10:45	(38) +	(15) +	9.8	9.3-10.0		
		1 hr	11:05	(34) 33	(13) 13	9.8	9.3-10.0		
		2 hrs	12:05	(22) 23	(6) 7	9.8	9.3-10.0		
		3 hrs	1:05	(11) 11	(0) 1	9.8	9.3-10.0		
		Finish	1:50	(0)	(0)	9.7	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%						27-0	
	30	Sift in				50	128-A	50	
357	7	31	Run 29" (210 G) water into V-357 and heat to 135-140°F						
		32	Dump in and stir to dissolve for S60				415	15-A	415
302	8	33	Add 24" (294 G) water to V-302						
		34	Add and stir 2 min for S63				Assume 50%	100	7-D 50
	9	35	During strike pump into PT				570	169-A	570
		36	Pump in				64	155-A	64
		37	Pump in				64	160-A	64
		38	Stir 10 min with lightning mixer for S42						
			18"						
356	10	39	During Strike, Run 26" (317G) water into V-356						
		40	Turn on steam						
		41	Add to 33" (403 G) at 170-182°F 81-82°C						
		42	Pump PT. mixture from S38 thru undersurface						
			Distributor AFAP						
		43	Rinse PT with Hot Water from Hot Water mixer & Pump in						
		44	Shutoff pump 81-82°C						
		45	Stir 20 min at 170-182°F for S54						
		46	Do not shutoff Agitator						
	11	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						
		53	While Homog water at 2900-3100 psi, open Homog Discharge valve to SV & close valve to sewer						

V-262

EQUIPMENT		PAGE 3 CG 03 CODE KY-908-D (E) EST. WGT. 3549		LBS.	USE LBS.	N CODE	ACCT LBS.
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 3.7 (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 4.2 (4.2-4.4) and if necessary, adj to pH 4.2-4.4 and Record: pH				27-D	
		Dilute 10 parts water to 1 part N-7-D)				7-D	
		Siphon N-7-D into SV					
	65	Do not stop agitator					
		START	FIN	OPTR		4	
		10:00P	11:00P	235-323			
		7:00 AM	3:00 PM	235-320			
		3:00P	11:00P	235-359			
		11:00 PM	3:50 PM	381-438			



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