

NOV - 7 1979

262

REWORKED & CHECKED

MAKING INSTRUCTIONS: BATCH UNIT

D.V.

CG 03 CODE KY-908-D PKG.

NOV 11 32691

EST. WGT. 1603 LBS.

STD. HRS. TIME

3:45 PM

14 YC-3-B 93 4 Lot 23883 2.600#
 14 YC-3-B 93 4 Lot 23872 2.600#
 14 YC-3-B 93 4 Lot

TOTAL WGT. 6203

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		

NOV 13 1979

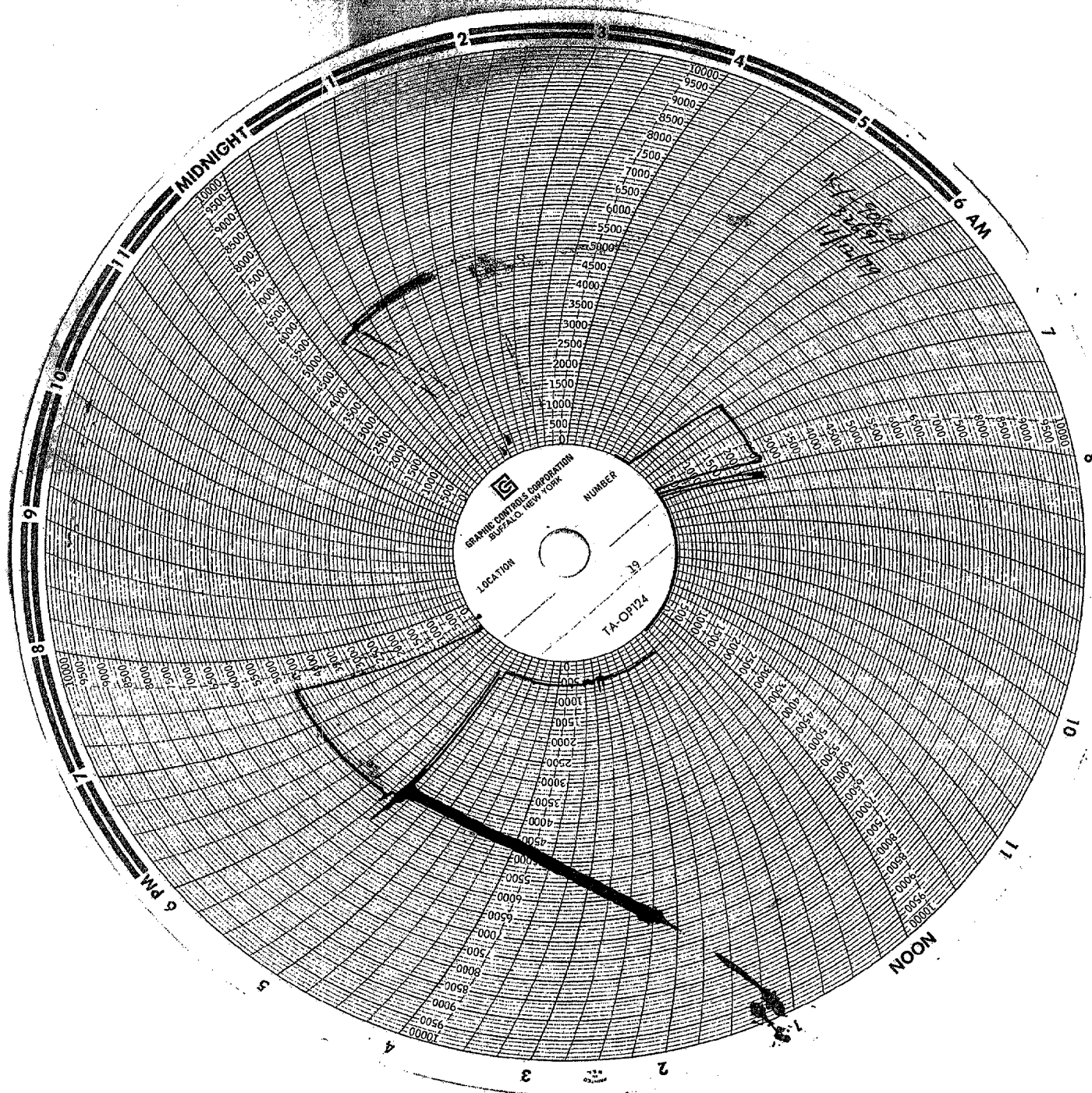
NON-BLEEDING

ITEM	NAME: KROLOR® YELLOW - LIGHT	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1 Run 23" (360 G) water into V-203			
	2 Pour in	610	32-D	610
	3 Dump in	92 x 50	YC-3-B	4600
1	Record: Start 2:45-AM			
	Fin 3:37 AM			
	80" (1360 G)			
	Adj to 70" (1200 G) 2400-2600			
	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 41" & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
V & 205	9 Run 2" (200 G) into V-262. Install temp chart & start agitator			
	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
2	Record: Time Start 5:45 PM Total Min 175			
	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" (248 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	2150	32-D	2150
3	15 Run +1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 20" (946 G) & stir 15 min or longer			
	17 Record: $\rho_{\text{sol}} 11.0$ (10.8 ± 0.2) 1.077-1.080			
SV	18 When S 11 Homog complete, adj SV to 25" (2478 G)			
4	19 Record: pH 10.2 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	50	7-D	23
	Siphon into SV & Record: pH 11.0			
	20 Heat to 190-194°F in 35-45 min & Record: HT 92.9°F & Rec 9F			
	Note: Strike must be started immediately on completion of heating			
343 & 386	21 While heating SV, run 45" (1237 G) water into V-343			
	22 Meter in from V-386 M75, 7.433 #/Gal 33.7 Gal		27-D	318
	23 Stir 15 min or longer			
5	24 Record: $\rho_{\text{sol}} 2.6$ (2.5 ± 0.1) 1.015-1.016			
	g/ml			

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 9.8 (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 10:45 PM 2:35 A.M. 230			
157	V-349 10:45 PM 2:00 A.M. 195			
	Record: Time V-343 V-349 SV Normal			
	at 20 min 11:05 AM (42) 44 (18) 17 9.7 9.3-10.0			
	40 min 11:25 AM (38) 37 (15) 15 9.7 9.3-10.0			
	1 hr 11:45 PM (34) 35 (13) 13 9.7 9.3-10.0			
	2 hrs 12:45 AM (22) 23 (6) 7 9.7 9.3-10.0			
	3 hrs 1:45 AM (11) 12 (0) 7 9.7 9.3-10.0			
	Finish 2:30 AM (0) 7.0 (0) 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 pH to 7.5-8.5 &			
	Record: pH Assume 78%			
302	30 Sift in	50	27-D 128-A	50
	31 Run 29" (210 G) water into V-357 and heat to 135-140°F			
302	32 Dump in and stir to dissolve for S60	415	15-A	415
	33 Add 24" (294 G) water to V-302			
302	34 Add and stir 2 min for S63	Assume 50%	7-D	50
	35 During strike pump into PT	570	169 A	570
302	36 Pump in	64	155-A	64
	37 Pump in	64	160-A	64
302	38 Stir 10 min with lightning mixer for S42			
	39 During Strike, Run 26" (317G) water into V-356			
302	40 Turn on steam			
	41 Adj to 33" (403 G) at 178-182°F 81-82°C			
302	42 Pump PT, mixture from S38 thru undersurface Distributor AFAP			
	43 Sense PT with Hot Water from Hot Water mixer & Pump in			
302	44 Shutoff pump 81-82°C			
	45 Stir 30 min at 178-182°F for S54			
302	46 Do not shutoff Agitator			
	47 When V-349 MTY, rinse in with minimum water then set pump to zero setting			
302	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			
302	50 Close water line & Discharge valves at stearate pump			
	51 Open V-356 Discharge valves to stearate pump inlet			
302	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			

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 356 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	Assume 78%	27-D	
		(Dilute 10 parts water to 1 part N-7-D)	Assume 50%	7-D	
		Siphon N-7-D into SV			
	65	Do not stop agitator			
		START	FIN	OPTR	
		8:00 PM	11:00 PM	324.144	
		11:00 PM	4:30 A.M.	381.282	



N32228.01

DUP050457171