V. 262 NOV - 1 1979 C.V. D.V.

MAKING INSTRUCTIONS: BATCH UNIT

CG 03 CODE KY-908-D PKG.

EST. WGT. 1603 LBS. NOV-2 3250

STD. HRS. TIME 5 PM

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		

14 YC-3-B 93 4 Lot 23353, 4600#
14 YC-3-B 93 4 Lot _____, _____#
14 YC-3-B 93 4 Lot _____, _____#

TOTAL WGT. 6203

OK 2 AP

NOV - 3 1979

NON-BLEEDING

EQUIPMENT		NAME: KROLOR® YELLOW - LIGHT	USE LBS.	N CODE	ACCT. LBS.
203 & 205 1	1	~~Run 23" (360 G) water into V-203~~ 60" (3606)			
	2	Pour in	610	32-D	610
	3	Dump in Lot 23353	92 x 50 4600	YC-3-B	4600
		Record: Start 7:15 AM Fin 11:30 AM			
	4	~~Adj to 70" (1200 G)~~ 2400-2600			
	5	Pump V-203 thru Homog at ~~1800-2200~~ psi into V-205			
V-263	6	When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water			
	7	Record: V-205 Vol " & adj to 60" (2100 G)			
	8	Inspect Homog strainer & clean if necessary			
& 205 2	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			
		Record: Time Start 2:05 PM Total Min (50)			
		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 3	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
	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: °Be' 11.7 ~~(10.8 ± 0.2)~~ (1.077 - 1.080) 8/gal			
SV 4	18	When S 11 Homog complete, adj SV to 25" (2478 G)			
	19	Record: pH 10.0 & 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
		Siphon into SV & Record: pH 11.2			
	20	Heat to 190-194°F in ~~35-45~~ min & Record: HT °F & Rec °F			
		Note: Strike must be started immediately on completion of heating			
343 5	21	While heating SV, run 45" (1237 G) water into V-343			
	22	Meter in from V-386 M 73.9416 #/Gal 33.8 Gal		27-D	318
	23	Stir 15 min or longer			
	24	Record: °Be' 10.16 ~~(2.5 ± 0.1)~~ (1.015 - 1.016) 8/gal			
		V.M.			

13829 REV.

N32266

262

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EQUIPMENT			USE LBS.	N CODE	ACCT LBS.
SV 6	25	When S 20 heating complete Record: pH 9.5 (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 925 Finish ____ Minutes ____ V-343 ____ V-349 ____			

Record:	Time	V-343 in	V-349 in	SV pH	Normal pH
at 20 min	945	(42) 42	(18) 17½	9.4	9.3-10.0
40 min	10:05	(38) 38	(15) 15	9.4	9.3-10.0
1 hr	10:25	(34) 34	(13) 13	9.4	9.3-10.0
2 hrs	11:25	(22) 22	(6) 6	9.4	9.3-10.0
3 hrs	12:25	(11) 11	(0) —	9.4	9.3-10.0
Finish	1:10	(0)	(0)	7.0	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%		27-D	
	30	Stft 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
PT 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			
356 10	39	During Strike, Run 18 26" (317G) water int. 356			
	40	Turn on steam			
	41	Adj to 33" (403 G) at ~~178-182°F~~ 89°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 89°C			
	45	Stir 30 min at ~~178-182°F~~ for S54			
	46	Do not shutoff Agitator			
SV 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			

EQUIPMENT		PAGE 3 CG 03 CODE KY-908-D (F) EST. WGT. 6203 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 2.9 (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 3.3 (4.2-4.4) and if necessary, adj to			
		pH 4.2-4.4 and Record: pH 4.4 Assume 78%		27-D	
		(Dilute 10 parts water to 1 part n-7-D) Assume 50%	90	7-D	45
		Siphon N-7-D into SV			
	65	Do not stop agitator			

START	FIN	OPTR
7:00 AM	3:00 PM	320.144 380
3 PM	11 Pay	438-282
11:00 PM	4:45 PM	101-201

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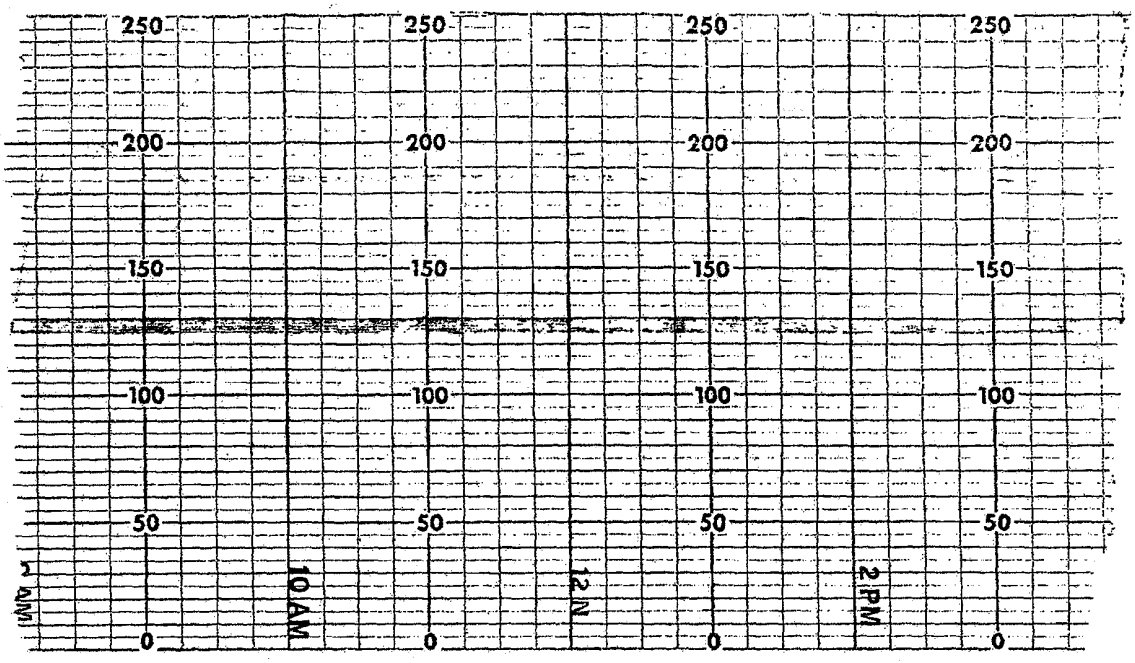

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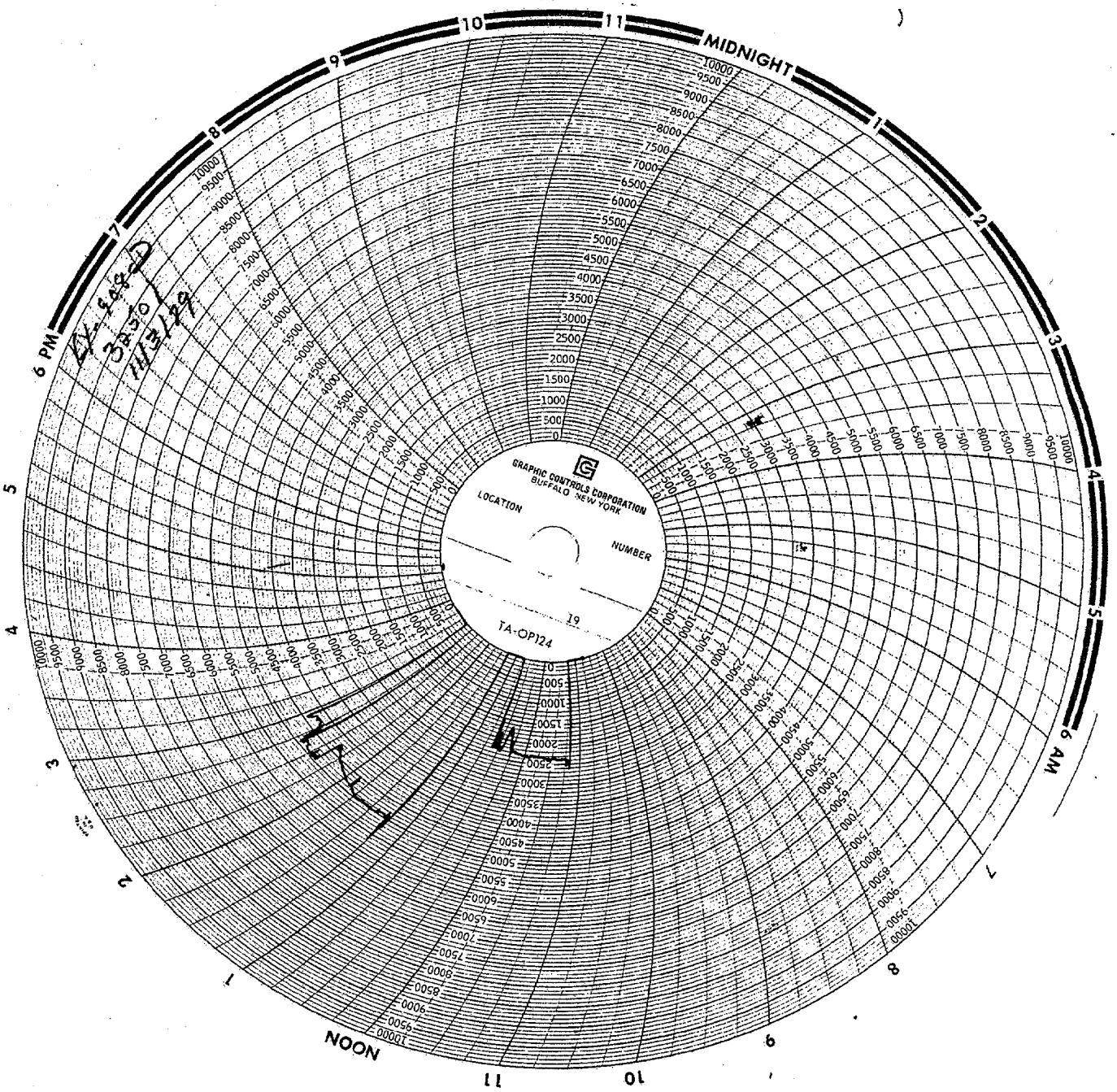

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