

243, 244, 246, 247, (262)

C.V.

MAKING INSTRUCTIONS: BATCH UNIT

CG 03 CODE KY-787-D PKG.

D.V.

JAN-4 33624

EST. WGT. 1980 2230 LBS.

STD. HRS.

TIME

5 P

14 YC-2-B 93 4 Lot 24202, 1000#
 14 YC-2-B 93 4 Lot 24200, 1000#
 14 YC-2-B 93 4 Lot 24200, 5000#

6980

Total Wgt 7230# (REQ)

PROCESSES		APPROVED BY	
() KY-787-D	(S)	EWK 10-19-77	
() Alternate	()	DCG 10-25-77	
()	()	MTW 10-26-77	
()	()	FWP 02-01-79	
TYPED BY			
emw020179			

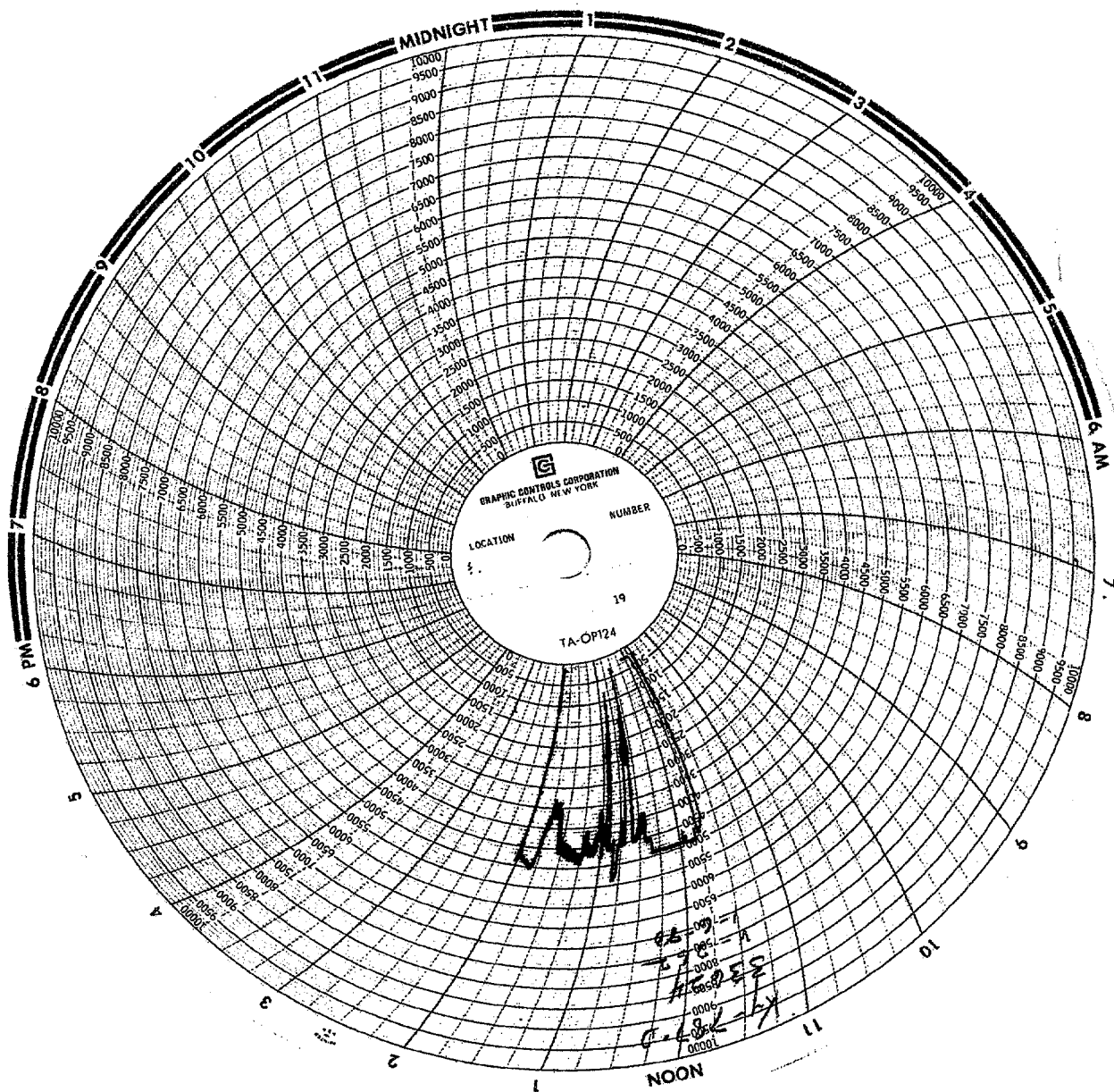
1 pass only from V-203
 at 4500 psi, per From Post, 2/28

NON-BLEEDING

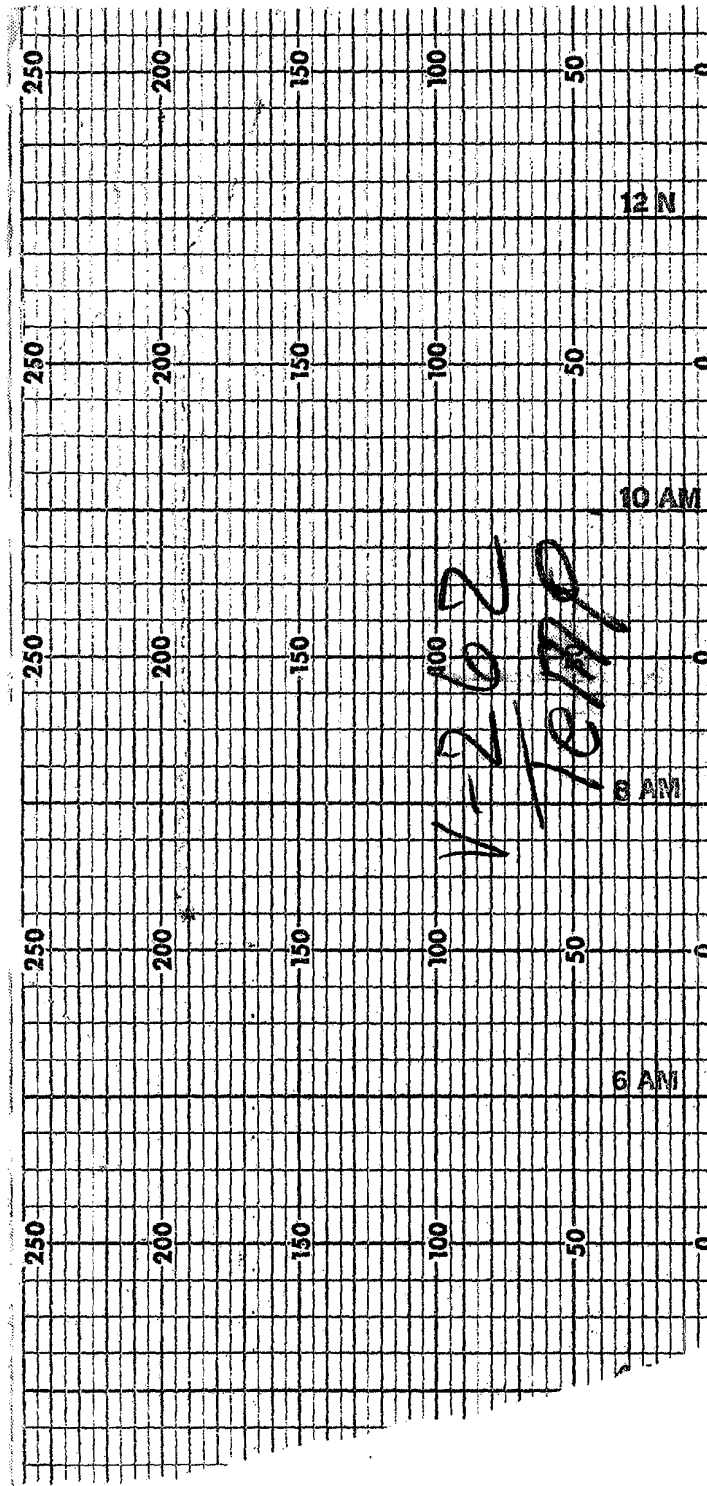
MENT	NAME: KROLOR® YELLOW MEDIUM	USE LBS.	N CODE	ACCT, LBS.
203	1 Run 50" (827 G) water into V-203			
&	2 Weigh in drum & pour in	670		
205	2 Dump in & stir 5 min	100 x 50	YC-2-B	5000
1	Record: Start <u>4:30</u>			
	Fin <u>6:10</u>			
	<u>75" (1275 G)</u>			
	4 Adj to 80" (1360 G)			
	5 Pump V-203 thru Homog at <u>4800-5200</u> psi into V-203	<u>100</u>		
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-203 Vol " & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV	9 Run " (200 G) water into V-262 & install temp chart			
&	& start agitator			
205	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
2	Record: Time Start " Total 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. Rinse in using Hot Water.			
349	12 While Homog, run 6" (284 G) water into V-349			
&	13 Run ± 1000 # water into V-384 & heat to 110-120°F			
384	14 Weigh in V-384 & pump to V-349	3830	32-D	3830
3	15 Run ± 1000 # water into V-384 & pump to V-349			
	16 Adj V-349 to 25" (1163 G) & stir 15 min or longer			
	17 Record: OBe <u>11.113</u> (45.2 ± 0.2) (1.113-1.117)			
	<u>8/mL</u>			
SV	18 When S 11 Homog complete, adj SV to " (2100 G)			
4	19 Record: pH <u>10.9</u> & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%		7-D	
	Siphon into SV & Record: pH <u>11.1</u>			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) & Record: HT <u>197</u> °F & Rec <u>193</u> °F			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 56" (1520 G) water into V-343			
&	22 Meter in from V-386 M <u>1</u> , <u>9.70</u> #/Gal <u>59.1</u> Gal		27-D	573
386	23 Stir 15 min or longer			
5	24 Record: OBe <u>1.027</u> (4.1 ± 0.1) (1.027-1.028)			
	<u>9/mL</u>			

V-262

EQUIPMENT		PAGE 2 CG 03 CODE KY-787-D (S) EST. WGT. 7230 LBS.	USE LBS.	N CODE	ACC LBS
SV	25	When S 20 heating complete, Record: pH 10.0-10.2			
6	26	Set V-343 acid pump at 69 setting (± 255 min)			
	27	Set V-349 silicate pump at 60 setting (± 210 min)			
	28	Immediately meter in V-343 & 349, maintain SV at 190-1940F during strike			
	29	Record: Start Fin Min			
		V-343 3:15 PM 7:45 PM 2:20			
		V-349 6:55 2:20			
		Record: Time V-343 V-349 SV Normal			
		at 20 min 3:15 (52) + (22) + 9.9 9.3-10.0			
		40 min 3:55 (48) 49+ (20) + 9.9 9.3-10.0			
		1 hr 4:15 (43) 45- (18) + 9.9 9.3-10.0			
		2 1/2 hrs 5:30 (27) 29+ (7) 8+ 9.8 9.3-10.0			
		3 1/2 hrs 6:45 (10) 12 (0) L+ 9.8 9.3-10.0			
		Finish 7:45 (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	
330	30	Run 22" (431 G) water into V-330 & heat to 160-1700F			
7	31	Add in 12-13 min	700	530-A	700
	32	Stir 5 min & Record: pH 10.1 (9.5-10.5)			
	33	Stir 20 min or longer to dissolve for S 46			
357	34	Run 29" (210 G) water into V-357 & heat to 135-1400F			
8	35	Dump in & stir to dissolve for S 42	350	15-A	350
302	36	Run 36" (440 G) water into V-302			
9	37	Add & stir 2 min for S 44 Assume 50%	380	7-D	190
SV	38	When V-349 MTY, rinse in with minimum water then set pump to zero setting			
10	39	When V-343 MTY, rinse in with minimum water then turn off pump motor			
	40	Turn off steam			
	41	Sift in	250	128-A	250
	42	Run in V-357 from S 35 & stir 5 min			
	43	Record: pH 3.45 (3.7-4.2)			
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min			
	45	Record: pH 9.3 (9.0-9.5) & if necessary, adj to pH 9.0-9.5 & 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			
	46	Run in V-330 thru 20 mesh screen & stir 20 min			
313	47	Run 15" (222 G) water into V-313 & dump in	270	20-A	270
11	48	Stir 5 min to dissolve for S 49			
SV	49	Run V-313 into SV in 15-20 min			
12	50	Stir 15 min			
	51	Record: pH 9.0 (9.0-10.0)			
	52	Stop agitator			
		Step V-262 (20 RPM) V-243, 244, 246, 247			
		9 2" 4"			
		18 26" 50"			
		START FIN OPTR			
		1230P 3:00P 120-101			
		3:00P 9:00PM 235-342			



✓-2622



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