

V 243, 244, 246, 247 262

CG 03 CODE KY-787-D

Dec 27 32365

EST. YOE 2230 100

STOCKS

14 YC-2-B 93 4 Lot 23599 3000 #

14 YC-2-B 93 4 Lot 23607 2000 #

14 YC-2-B 93 4 Lot _____ #

Total Wgt 7230# (REQ _____)

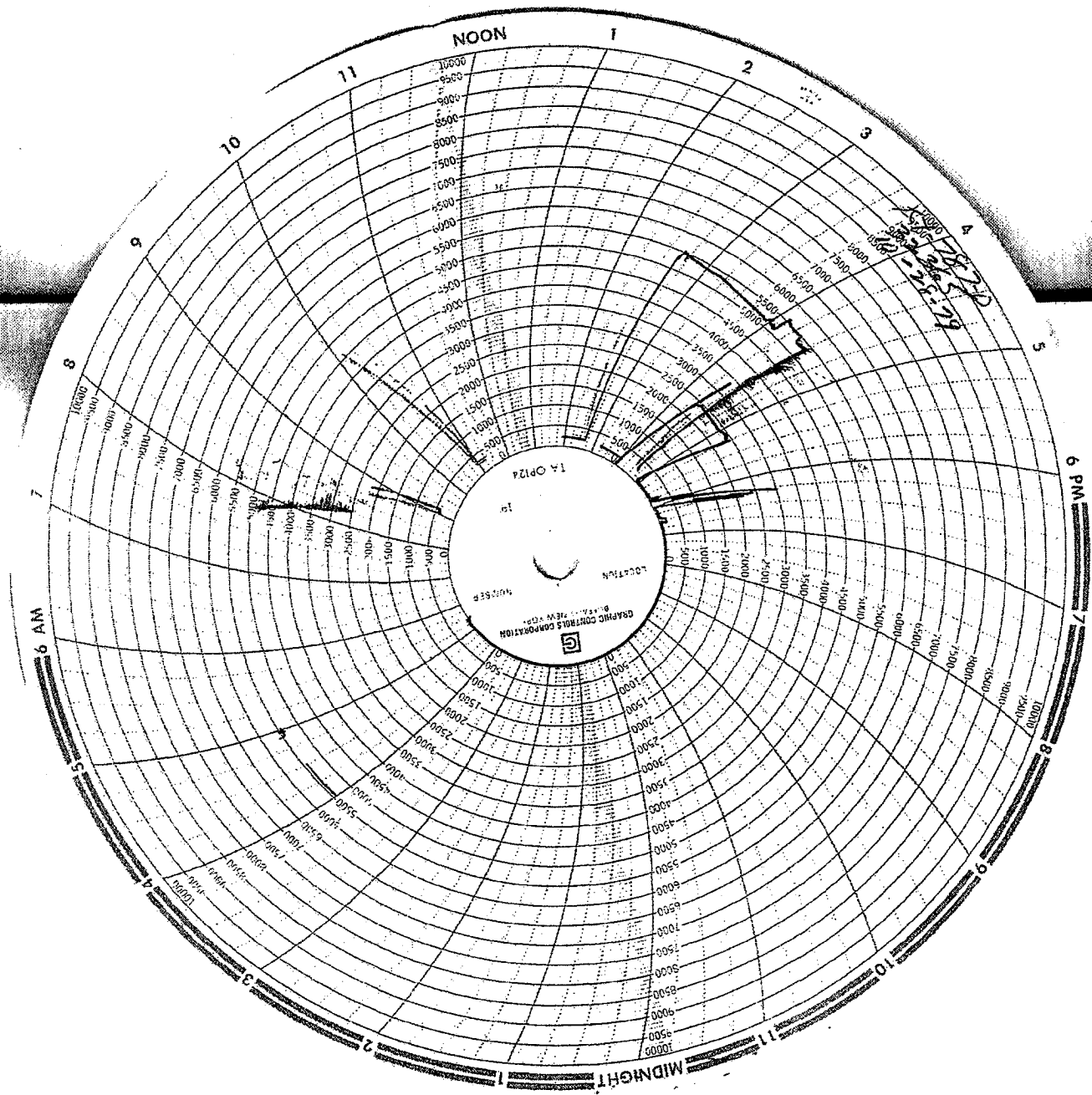
Homog #3-200 Pass NON-BLEEDING

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	

EQUIPMENT	NAME	KROLORED YELLOW MEDIUM	USE LBS.	N CODE	ACC LBS.
203 & 205 1	1 Run 50" (827 G) water into V-203				
	2 Weigh in drum & pour in		670	32-D	670
	3 Dump in & stir 5 min		100 x 50	YC-2-B	5000
	Record: Start <u>11:00</u>				
	Fin <u>1:20</u>				
263	4 Adj to 80" (1360 G)				
	5 Pump V-203 thru Homog at 2400-2600 psi into V-205				
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water				
	7 Record: V- <u>205</u> " & adj to 54" (1900 G)				
	8 Inspect Homog strainer & clean if necessary				
SV & 263	9 Run <u>2</u> " (200 G) water into V- <u>262</u> install temp chart & start agitator				
	10 Pump V-205 thru Homog at 4800-5200 psi into SV- <u>262</u>				
	Record: Time Start <u>2:45 PM</u> Total Min <u>180</u>				
	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 & 384 3	12 While Homog, run 6" (284 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		3830	32-D	3830
	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: <u>11:13</u> (45.2 ± 0.2) (1113 - 1117)				
SV 4	18 When S 11 Homog complete, adj SV to <u>26</u> " (2100 G)				
	19 Record: pH <u>10.4</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%		30	7-D	15
	Siphon into SV & Record: pH <u>11.4</u>				
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) &				
	Record: IIT _____ °F & Rec _____ °F				
	NOTE: Strike must be started immediately on completion of heating				
343 & 386 5	21 While heating SV, run 56" (1520 G) water into V-343				
	22 Meter in from V-386 M <u>72 9.42</u> #/Gal <u>60.8</u> Gal			27-D	573
	23 Stir 15 min or longer				
	24 Record: <u>10:28</u> (4.1 ± 0.1) (1027 - 1032)				

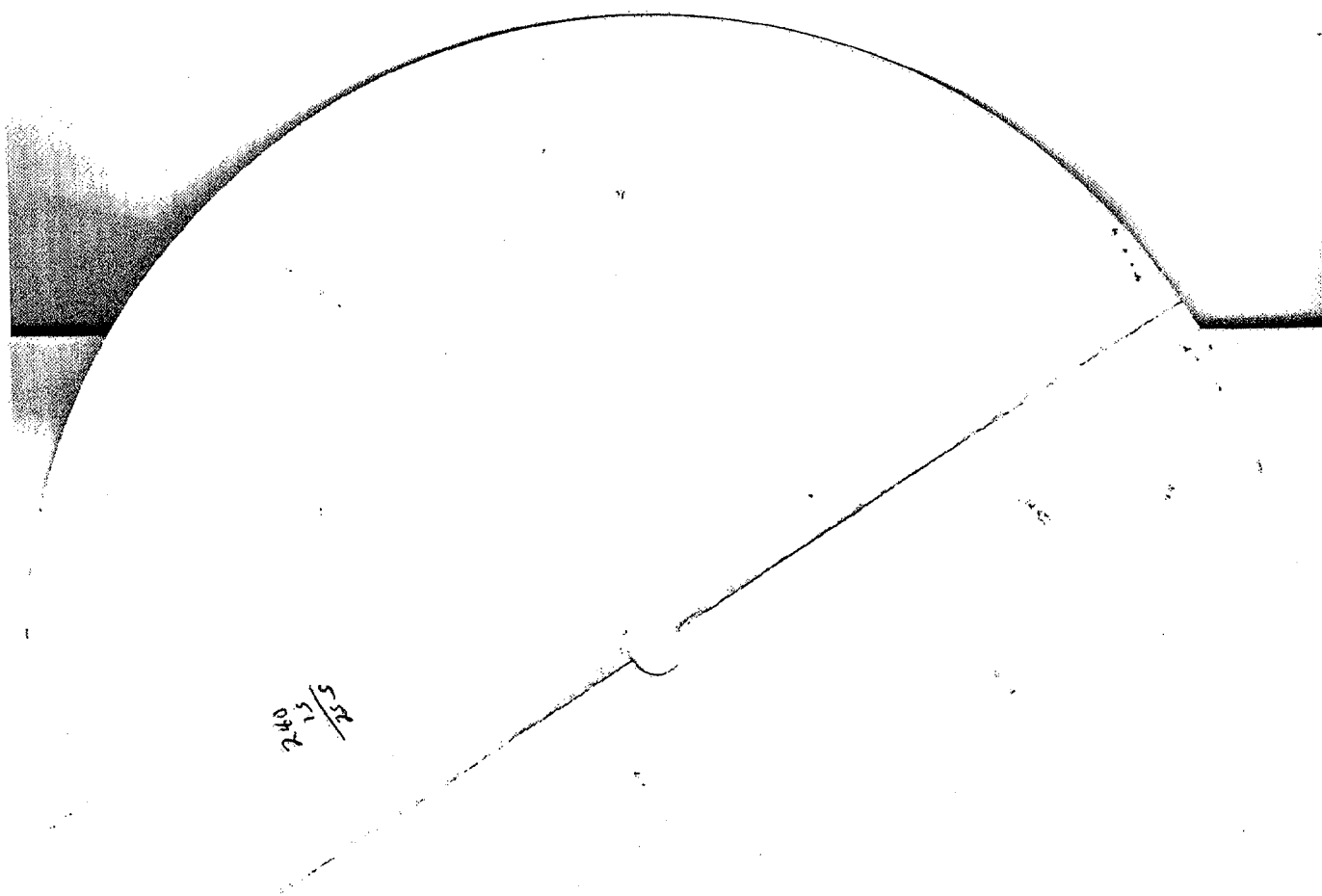
V-262

QUANTITY		CODE KY-787-D (S) EST. WGT.		7230 LBS.	USE LBS.	N CODE	AC LI	
SV	6	When S 20 heating complete, Record: pH <u>9.7</u> (9.6-10.2)						
		Set V-343 acid pump at 60 setting (± 255 min)						
		Set V-349 silicate pump at 60 setting (± 210 min)						
		Immediately meter in V-343 & 349, maintain SV at 190-1940°F during strike						
		Record:	Start	Fin	Min			
		V-343	<u>10:25 AM</u>	<u>2:40</u>	<u>2:55</u>			
		V-349						
		Record:	Time	V-343 in	V-349 in	SV pH	Normal pH	
		at 20 min	<u>10:45 AM</u>	(52)	(22)	<u>9.5</u>	9.3-10.0	
		40 min	<u>11:25 AM</u>	(48)	(20)	<u>9.4</u>	9.3-10.0	
		1 hr	<u>12:25 PM</u>	(43)	(18)	<u>9.4</u>	9.3-10.0	
		2 1/4 hrs	<u>1:30 PM</u>	(27)	(7)	<u>9.7</u>	9.3-10.0	
		3 1/2 hrs	<u>1:55</u>	(10)	(0)	<u>9.4</u>	9.3-10.0	
		Finish	<u>2:40</u>	(0)		<u>6.8</u>	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	7	Run 22" (431 G) water into V-330 & heat to 160-170°F						
		Add in 12-13 min				700	530-A 700	
		Stir 5 min & Record: pH <u>10.1</u> (9.5-10.5)						
		Stir 20 min or longer to dissolve for S 46						
357	8	Run 29" (210 G) water into V-357 & heat to 135-140°F						
		Dump in & stir to dissolve for S 42				350	15-A 350	
302	9	Run 36" (440 G) water into V-302						
		Add & stir 2 min for S 44 Assume 50%				380	7-D 190	
SV	10	When V-349 MTY, rinse in with minimum water then set pump to zero setting						
		When V-343 MTY, rinse in with minimum water then turn off pump motor						
		Turn off steam						
		Sift in						250 128-A 250
		Run in V-357 from S 35 & stir 5 min						
		Record: pH <u>3.1</u> (3.7-4.2)						
		Run in N-7-D from S 37 in 10-12 min & stir 5 min						
		Record: pH <u>9.3</u> (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						
		Run in V-330 thru 20 mesh screen & stir 20 min						
313	11	Run 15" (222 G) water into V-313 & dump in				270	20-A 270	
		Stir 5 min to dissolve for S 49						
SV	12	Run V-313 into SV in 15-20 min						
		Stir 15 min						
		Record: pH <u>9.4</u> (9.0-10.0)						
		Stop agitator						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	26"	50"				
		<u>3:00 PM</u>	<u>11:00 PM</u>	<u>1:00 PM</u>	<u>1:00 PM</u>	<u>1:00 PM</u>		
		<u>4:30 PM</u>	<u>7:00 PM</u>	<u>11:00 PM</u>	<u>12:00 PM</u>	<u>12:00 PM</u>		
		<u>7:00 PM</u>	<u>11:00 PM</u>	<u>3:00 PM</u>	<u>7:00 PM</u>	<u>7:00 PM</u>		



N32179.01

DUP050456954



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