

243, 244, 246, 247, (262)

C.V.

D.V.

CG 03 CODE KY-787-D PKG.

JAI-9 33704

EST. WGT. 1980 2230 LBS.

STD. HRS.

TIME

5 P M

14 YC-2-B 93 4 Lot 24199 2.000#

14 YC-2-B 93 4 Lot 24073 2.000#

14 YC-2-B 93 4 Lot 24201 1.000#

Total Wgt 6980 7230# (REQ)

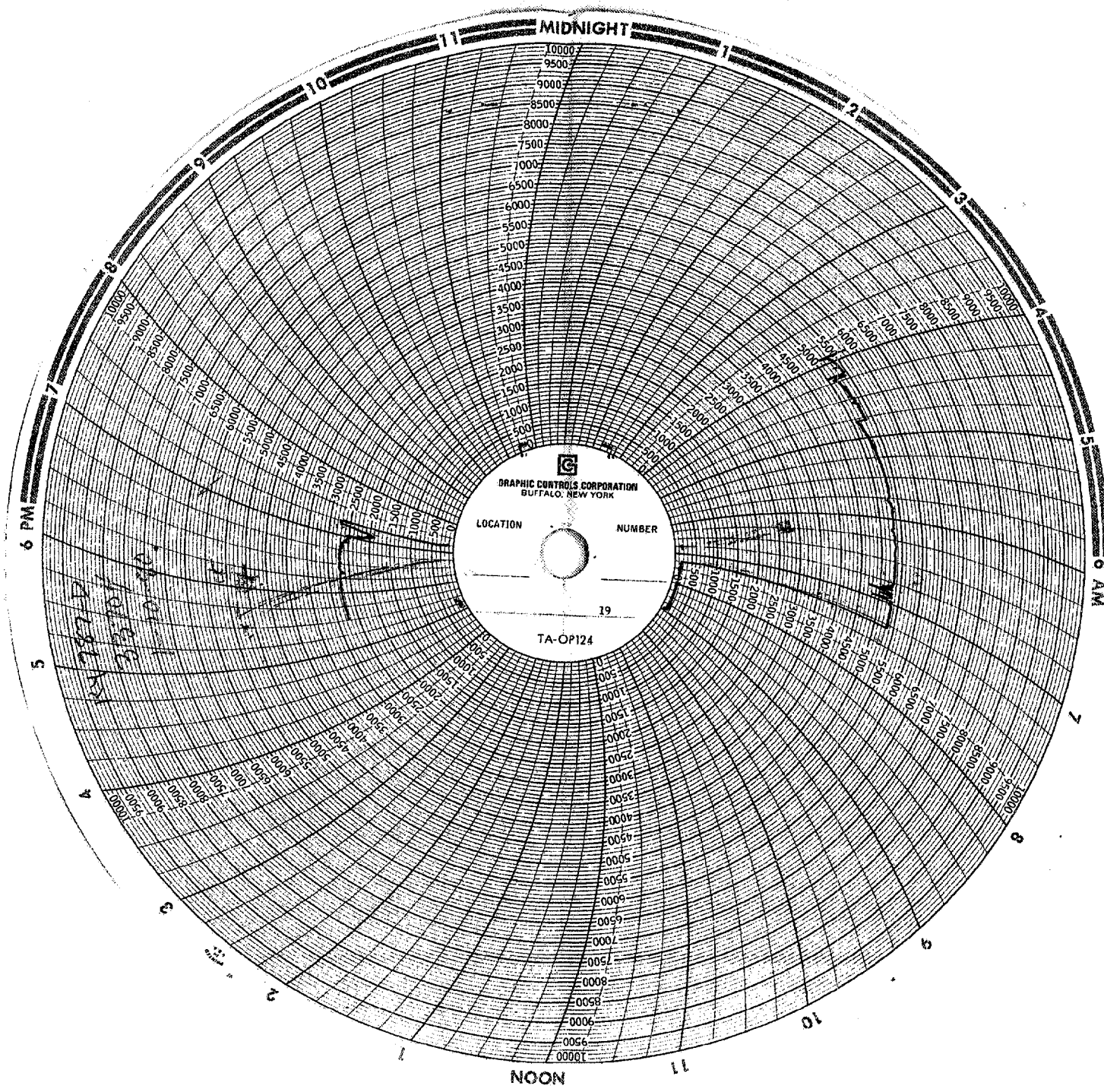
PROCESSES		APPROVED BY
() KY-787-D	(S)	EWK 10-19-77
() Alternate	()	DCG 10-25-77
()	()	MTW 10-26-77
()	()	FWP 02-01-79
TYPED BY		
emw020179		

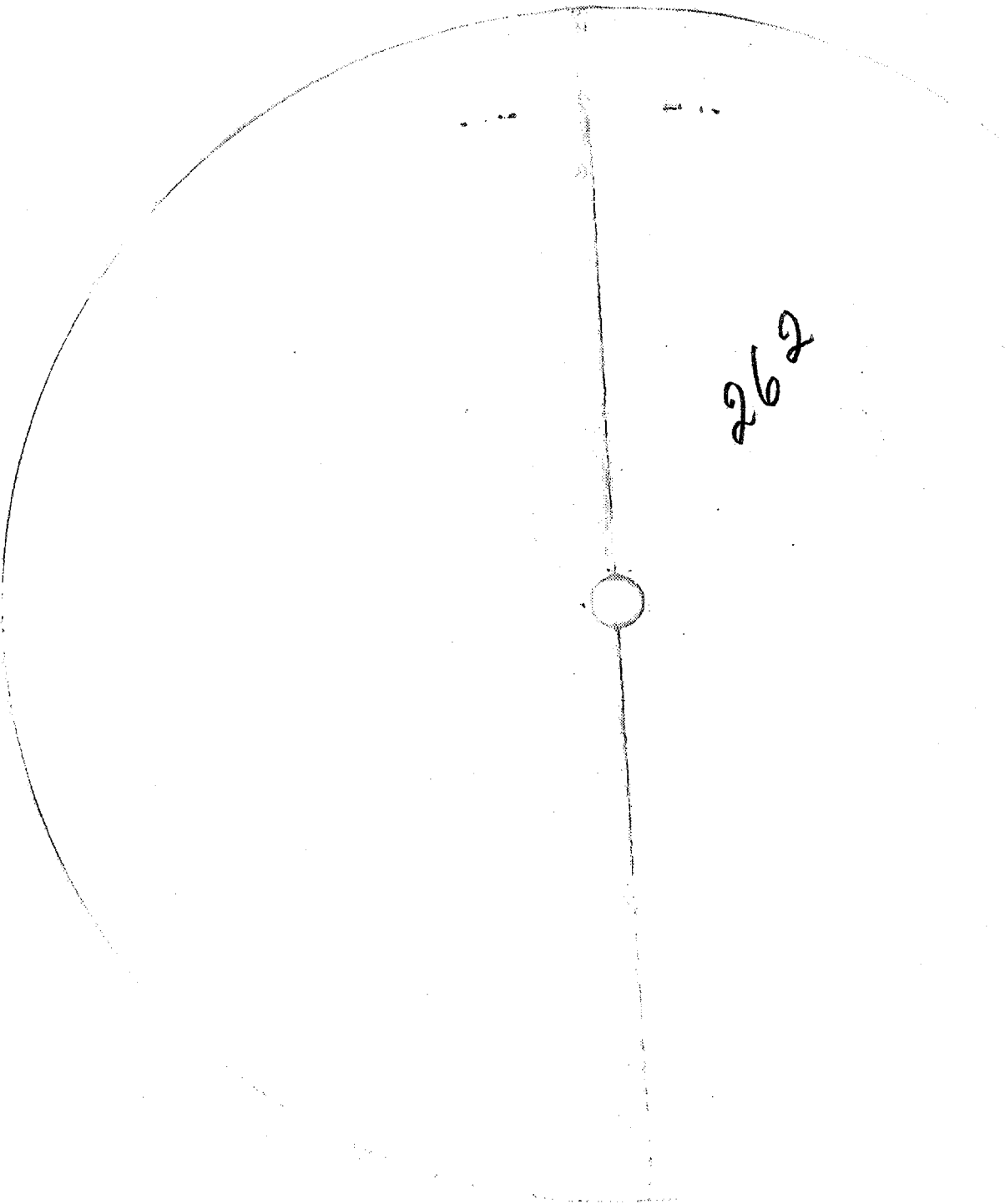
NON-BLEEDING

PMENT	NAME:	USE LBS.	N CODE	ACCT. LBS.
203	1 Run 50" (827 G) water into V-203			
&	2 Weigh in drum & pour in	670	32-D	670
206	3 Dump in & stir 5 min	100 x 50	YC-2-B	5000
1	Record: Start 11.45	Lot 24199 2.000		
	Fin 1.15	24073 2.000		
	24201 1.000			
	4 Adj to 30" (1360 G)	5.000		
	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-203 Vol & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV	9 Run 2" (200 G) water into V-262 & install temp chart & start agitator			
209	10 Pump V-203 thru Homog at 4800-5200 psi into SV-Record: Time Start 7:30 Total Min 9.0			
	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 White Homog, run 6" (284 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	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 (15.2 ± 0.2) (1.113 - 1.112)			
SV	18 When S 11 Homog complete, adj SV to 26" (2100 G)			
4	19 Record: pH 10.6 & 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	1.4
	Siphon into SV & Record: pH 11.3			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) & Record: HT 190°F & Rec 15 OF			
	NOTE: Strike must be started immediately on completion of heating			
343	21 White heating SV, run 56" (1520 G) water into V-343			
&	22 Meter in from V-386	M 2 3.70 #/Gal 59.6 Gal	27-D	573
386	23 Stir 15 min or longer			
	24 Record: Obe (4.1 ± 0.1) (1.037 - 1.038)			

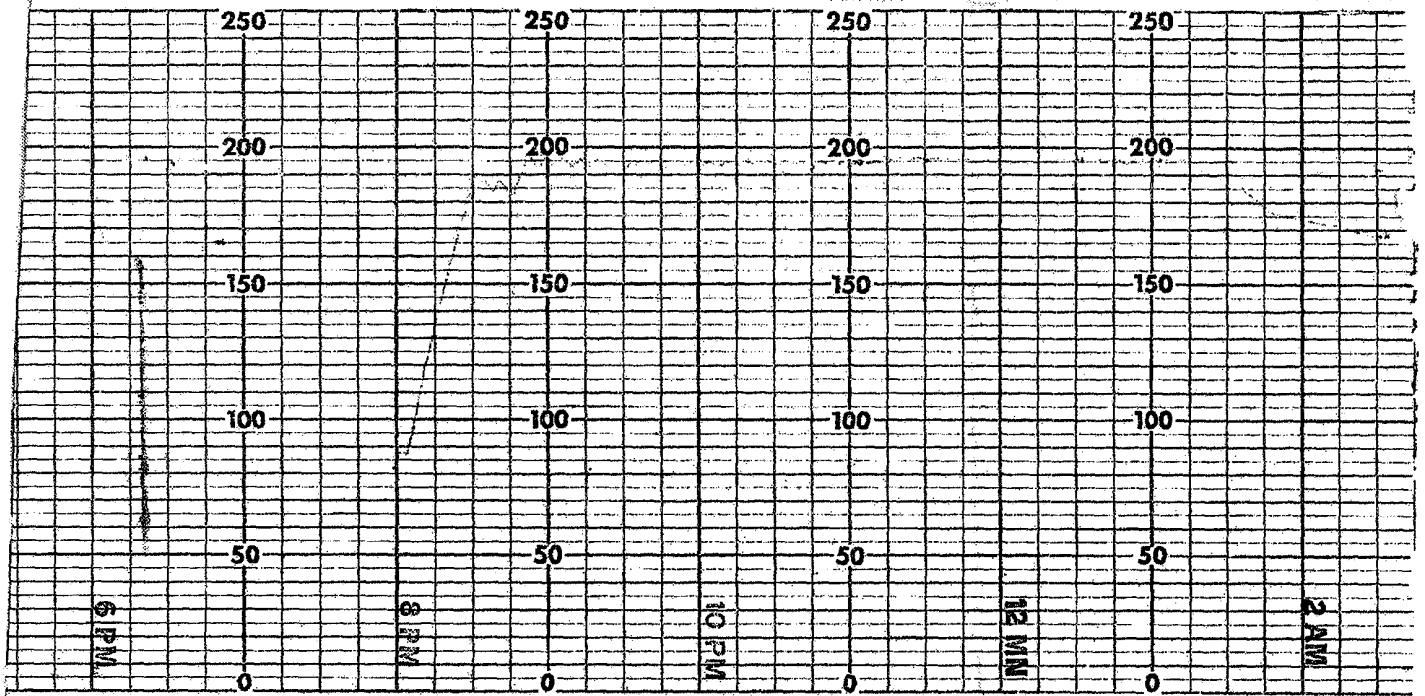
(Jb)

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 <u>10.1</u> (9.6-10.2)							
	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 190-194°F during strike							
	29	Record:							
		V-343	Start	Fin	Min				
		V-349	<u>2:40</u>	<u>4:55P</u>	<u>2:65</u>				
			<u>2:40</u>	<u>4:10P</u>	<u>2:20</u>				
		Record:	Time	V-343	V-349	SV	Normal		
				in	in	pH	pH		
		at 20 min	<u>12:50</u>	(52)	(22)	<u>9.0</u>	9.3-10.0		
		40 min	<u>1:10</u>	(48) <u>45</u>	(20) <u>20</u>	<u>9.8</u>	9.3-10.0		
		1 hr	<u>1:30</u>	(43) <u>43</u>	(18) <u>18</u>	<u>9.8</u>	9.3-10.0		
		2 1/2 hrs	<u>2:45</u>	(27) <u>27</u>	(7) <u>7</u>	<u>9.8</u>	9.3-10.0		
		3 1/2 hrs	<u>4:45</u>	(10) <u>11</u>	(0) <u>12</u>	<u>9.8</u>	9.3-10.0		
		Finish	<u>4:45</u>	(0)		<u>2.0</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	30	Run 22" (431 G) water into V-330 & heat to 160-170°F							
7	31	Add in 12-13 min				700	530-A	700	
	32	Stir 5 min & Record: pH <u>10.1</u> (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 135-140°F							
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	Stop in							250 128-A 250
	42	Run in V-357 from S 35 & stir 5 min							
	43	Record: pH <u>5.4</u> (3.7-4.2)							
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min							
	45	Record: pH <u>9.0</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							
	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 <u>9.0</u> (9.0-10.0)							
	52	Stop agitator <u>Do NOT stop V-262</u>							
		Step	V-262 (20 RPM)	V-243, 244, 246, 247					
		9	2"	4"					
		18	26"	50"					
		START	FIN	OPTR					
		<u>11:00 AM</u>	<u>2:00 PM</u>	<u>4:00 PM</u>					
		<u>2:00 PM</u>	<u>3:00 PM</u>	<u>2:00 PM</u>					





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