

S.V. 243, 244, 280 (262)

C.V.

1980

D.V.

CG 03 CODE KY-781-D

PKG.

PUNCHED & CHECKED

→ Apr 21 35466

EST. WGT. 786 LBS.

APR 25 1980

STD. HRS. 10.5 TIME

14 YC-1-B 98 4 24419
 14 YC-1-B 98 4 24420
 14 YC-1-B 98 4 24420

PROCESSES		APPROVED BY	
() KY-781-D	(M)	BBK 12-13-74	
()	()	DCG 12-17-74	
()	()		
()	()		
TYPED BY			
NSA 12-30-74			

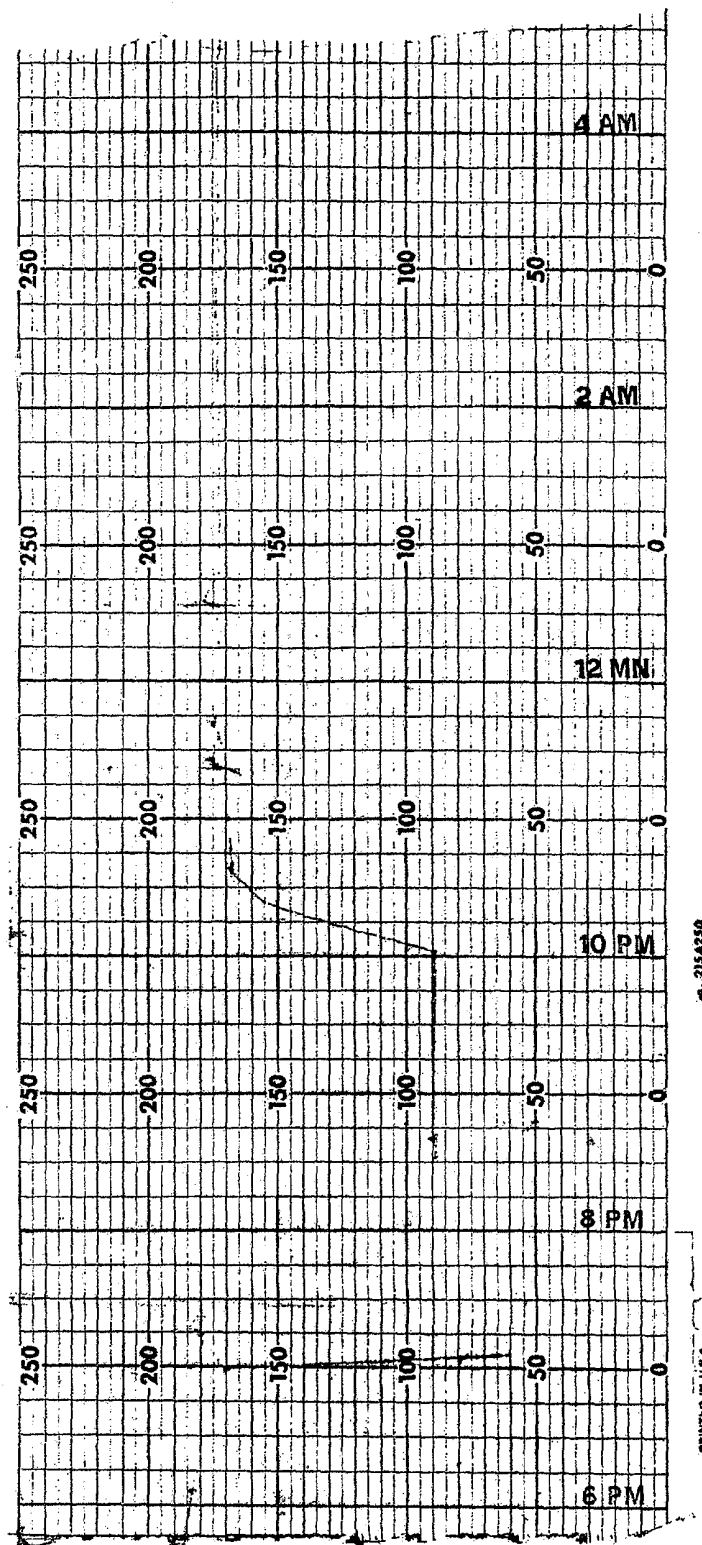
Total Wgt. 3436# (Req.)

NON-BLEEDING

EQUIPMENT	NAME	USE LBS.	N CODE	ACCT. LBS.
203 & 263	1 NAME: (1906) "KROLOR" YELLOW-LIGHT RUN AGITATOR ON HIGH SPEED			
	2 Run 23" (360 G) water in V-203 & add Assume 50%	30	7-D	15
	2 Weigh in drum & pour in	355	32-D	355
	3 Dump in & stir 5 min Lot 24419 2000 24420 650	53X50	YC-1-B	2650
	4 Adj to 56" (950 G) & Record pH (10.5-11.5)			
	5 Pump V-203 thru Homog #3 at 1800-2200 psi into V-205 263			
	6 When V-203 MT wash color thru Homog at 1800-2200 psi using minimum water 263			
	7 Record: V-205 Val " & adj to 36" (1340 G)			
	8 Inspect Homog. strainer & clean if necessary			
	DURING HOMOG. RUN V-203 AGITATOR ON LOW SPEED			
SV & 263	9 Run 2" (200 G) water into V-263 install temp chart & start agitator			
	Pump V-205 thru Homog at 4800-5200 psi into SV			
	Record: Time Start 9:45 PM Total Min 1:50			
	Note: If homog pressure falls below 4800 psi 3-way valve will recirculate slurry to V-205			
	11 When V-205 MT run in 5" (240 G) water & pump thru Homog at 4800-5200 psi			
349 & 384	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	2030	32-D	2030
	15 Run ±1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 23" (1120 G) & stir for 5 26			
	Record density 1.064 g/mL (1.064-1.064)			
SV	17 When S 11 Homog. complete Adj SV to 23" (2800 G)			
	18 Record: pH 9.9 & adj to 11.4-11.6 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 11.5			
	19 Heat to 190-194°F in 40-45 min & Record: HT F & Rec OF			
	Note: Strike must be started immediately on completion of heating			
343 & 386	20 While heating SV, run 57" (1570 G) water into V-343			
	21 Meter in from V-386 M 22.2/28 Gal 32.7 Gal	32.9	27-D	300
	22 Stir 15 min or longer for S 26			
	Record density 1.012 g/mL (1.012-1.014)			
SV	23 When S 19 heating complete Record: pH 9.8 (9.6-10.2)			
	24 Set V-343 acid pump at 80 setting (±225 min)			
	25 Set V-349 siphon pump at 67 setting (±180 min)			
	26 Immediately meter in V-343, Maintain SV at 190-193°F during strike 4 V-349			

N32251

EQUIPMENT	PAGE 2 CG 03 CODE KY-781-D (M) EST. WGT.	LBS.	USE LBS.	N CODE	ACCT. LBS.
SV 6	Record: Start Finish Minutes V-343 330 AM 640 715 V-349 190				
	Record: Time V-343 V-349 SV Normal in in pH pH				
	at 20 min 3:50 (38) (15) 7.7 9.3-10.0				
	40 min 4:10 (33) (13) 9.7 9.3-10.0				
	1 Hr 4:30 (27) (9) 9.7 9.3-10.0				
	2 Hrs 5:30 (11) (6) 7.6 9.3-10.0				
	3 Hrs 6:30 (8) (0) 7.5 9.3-10.0				
	Finish 7:15 (0) - 7.8 7.5-8.5				
	Note: If pH drops below 9.3 in 1st hr, stop pumps & see Supv If final pH above 8.5, adj to (7.5-8.5)				
	M % 27-D				
357 7	28 Run 21" (150 G) water into V-357 & heat to 135-140°F 29 Dump in & stir to dissolve		300	15-A	300
302 8	30 Run 25" (300 G) water into V-302 31 Add & stir 2 min D Assumes 50%		100	7-D	50
SV 9	32 When V-349 MT set pump at zero setting 33 When V-343 MT turn off pump motor 34 Drain in V-343 & V-349 lines & turn off steam 35 Run in V-357 from S 29 & stir 5 min 36 Record: pH 3.3 (3.3-3.7) & if necessary add (down only) to 3.3-3.7 & Record: pH 15-A				
	Note: Dissolve extra N-15-A in water at 135-140°F in drum. Use ±30 Gal water to 50# N-15-A. Stir SV 5 min after each addition				
	37 Run in N-7-D from S 31 in 4-6 min & stir 5 min				
	38 Record: pH 3.6 (4.2-4.4) & if necessary to pH 4.2-4.4 & Record: pH 4.3 M % 27-D				
	(Dilute 10 parts water to 1 part N-7-D) Assume 50% 30 7-D 15				
	Siphon N-7-D into SV				
	39 Pour in & stir 15 min 32 978-A 32				
	40 Stop agitator				
	Start Fin Opr 6:30 PM 11:00 P 235-144 11 PM 7 283-474 7 8:35 170-374				
	Step V-280 (20 RPM) V-234 244				
	9 2" 54"				
	17 28" 54"				

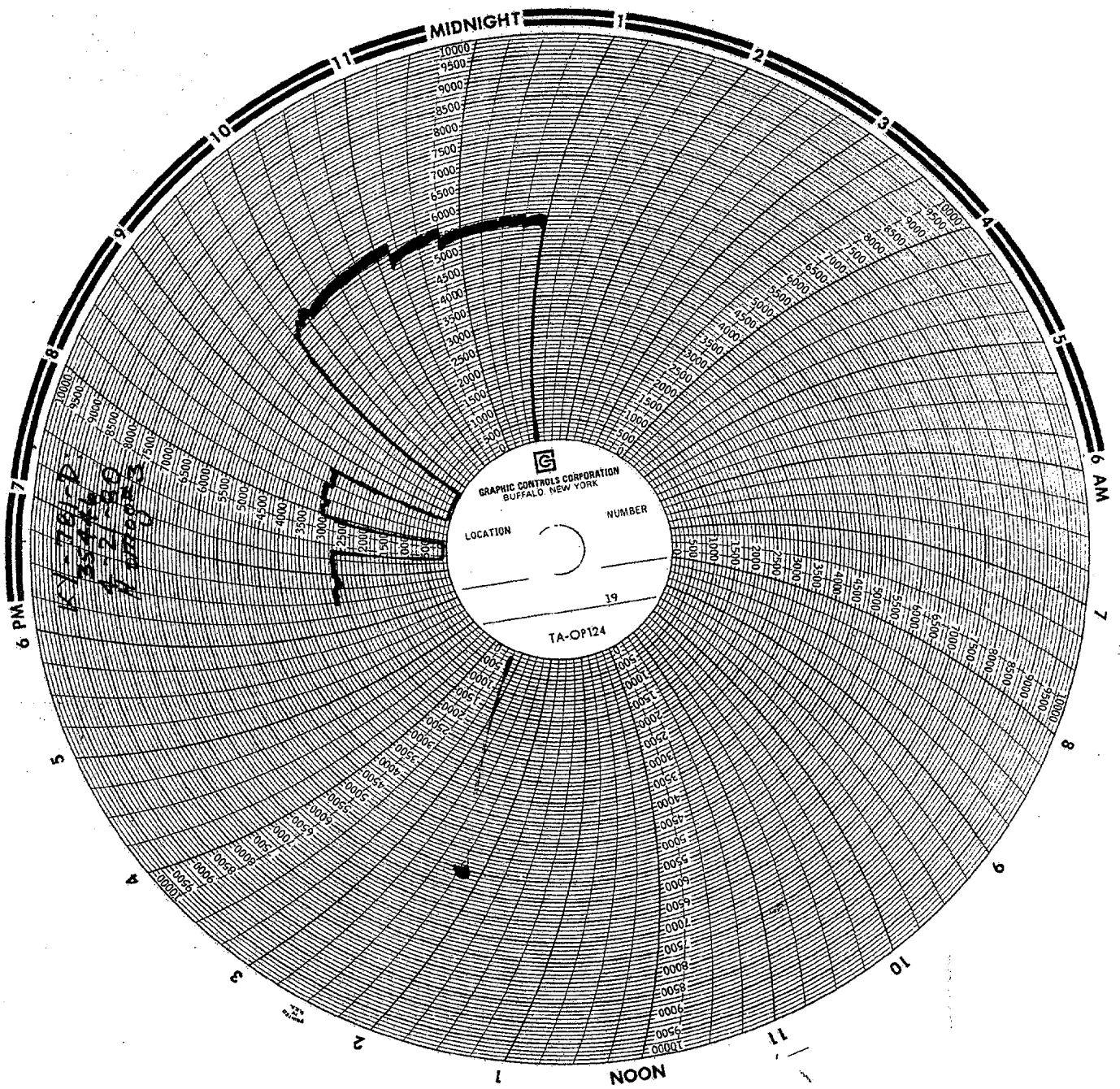


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