

MAKING INSTRUCTIONS: BATCH UNIT

S.V. 243, 244, 246, 247 242 C.V.

D.V.

CG 03 CODE KY-907-D PKG.

EST. WGT. 1080-1030 LBS.STD. HRS. TIME 5: P M14 YC-2-B 93 4 Lot 23483-2400#14 YC-2-B 93 4 Lot , #14 YC-2-B 93 4 Lot , #

3430

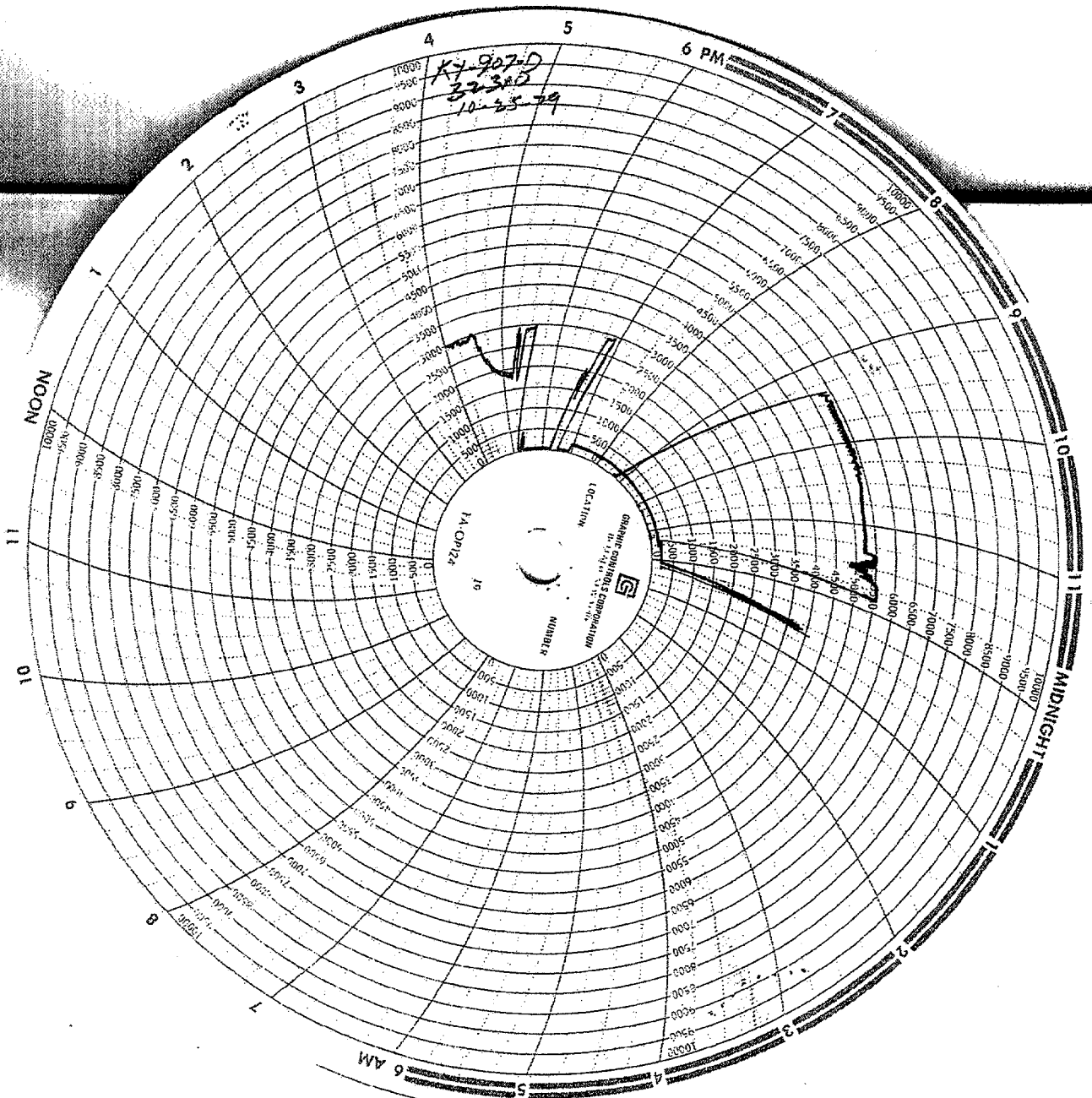
Total Wgt. 3480# (Req.)

NON-BLEEDING

EQUIPMENT	NAME	USE LBS.	N CODE	ACCT. LBS.
	60" (13606) KROLOR [®] YELLOW - MEDIUM			
203 & 205	1 Run 33" (560 G) water into V-203			
	2 Pour in	320	32-D	320
	3 Dump in	48 x 50	YC-2-B	2400
	Record: Start <u>1:10 PM</u>			
	Fin <u>2:00 PM</u>			
	20" (13606)			
	4 Adj to 70" (1200 G)			
	5 Pump V-203 thru Homog #3 at 1800-2200 psi into V-205			
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water			
	7 Record: V-205 Vol <u>✓</u> " & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
SV & 205	9 Run 10" (514 G) water into V-205 install Temp chart & start agitator			
	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
	Record: Time Start <u>5:30 PM</u> Total Min <u>2:10</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			
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	1840	32-D	1840
	15 Run #1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 17" (805 G) & stir 15 min or longer			
	17 Record: <u>0.078</u> (11.0±0.2)			
SV	18 When S 11 Homog complete, adj SV to 48" (2470 G)			
	19 Record: ph <u>10.1</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%	22	7-D	11
	Siphon into SV & Record: pH <u>11.1</u>			
	20 Heat to 190-194 F in 55-65 min & Record: HT <u>193</u> °F & Red <u>190</u> °F			
	Note: Strike must be started immediately on completion of heating			
343 & 386	21 While heating SV, run 39" (1070 G) water into V-343			
	22 Meter in from V-386 MTD, <u>9.48</u> #/Gal <u>290</u> Gal		27-D	275
	23 Stir 15 min or longer			
	24 Record: <u>0.019</u> (2.8±0.1) (1.017-1.019)			

EQUIPMENT	PAGE	CG	03	CODE	ky-907-D (E)	EST. WGT.	3480	LBS.	USE	N	ACCT.
									LBS.	CODE	LBS.
SV	6	25	When S 20 heating complete Record: pH 7.5 (9.5-10.0)								
		26	Set V-343 acid pump at 82 setting (±150min)								
		27	Set V-349 silicate pump at 72 setting (- 120min)								
		28	Immediately meter in V-343&349. Maintain SV at 190-194 F during strike								
		29	Record: Start Finish Minutes								
			V-343 1:50 AM 3.55 125								
			V-349 1:50 AM 4.20 150								
			Record: Time V-343 V-349 SV Normal								
			Inches Inches pH pH								
			at 20 min 2:10 AM (35) (14) 9.5 9.3-10.0								
			40 min 2:30 (30) (11) 9.5 9.3-10.0								
			1 hrs 2:50 (24) (9) 9.5 9.3-10.0								
			2 hrs 3:30 (8) (0) 9.5 9.3-10.0								
			Finish 4:10 AM (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 to 7.5-8.5								
			& Record: pH: Assume 78%							27-D	
		30	Sift in						50	128-A	50
357	7	31	Run 11" (80 G) water into V-357 & heat to 135-140° F								
		32	Dump in & stir to dissolve for S 60					160		15-A	160
302	8	33	Run 17" (208 G) water into V-302								
		34	Add & stir 2 min for S 62 Assume 50%					100		7-D	50
PT	9	35	During strike pump into PT					318		169-A	318
		36	Pump in					36		155-A	36
		37	Pump in					36		160-A	36
		38	Stir 10 min with lightning mixer for S 42								
356	10	39	During Strike, Run 20" (244G) water into V-356								
		40	Turn on steam								
		41	Adj to 261° (317G) at 178-182°F = 82°C								
		42	Pump PT mixture from S38 thru undersurface Distributor AFAP								
		43	Rinse PT with hot water from hot water mixer & pump in								
		44	Shut off pump 82°C								
		45	Stir 30 min at 178-182°F for S 54								
		46	Do not shut off 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 2900-3100PSI, open Homog Discharge valve to SV & close valve to sewer								
		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								

[illegible]



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