

S.V. 243, 244, 246, 247, (262)

C.V.

MAKING INSTRUCTIONS: BATCH UNIT

D.V.

CG 03 CODE KY-787-D PKG.

OCT 19 32213
EST. WGT. 1921 990 LBS.

OCT 23 1979

STD. HRS. TIME 5: P

14	YC-2-B	93	4	Lot	23597	2500	#	JR
14	YC-2-B	93	4	Lot			#	
14	YC-2-B	93	4	Lot			#	

PROCESSES		APPROVED BY
() KY-787-D	(S)	EWK 10-19-77
() Alternate	()	DCG 10-25-77
()	()	MTW 10-26-77
()	()	
TYPED BY		
JIC 11-4-77		

OCT 2 1979

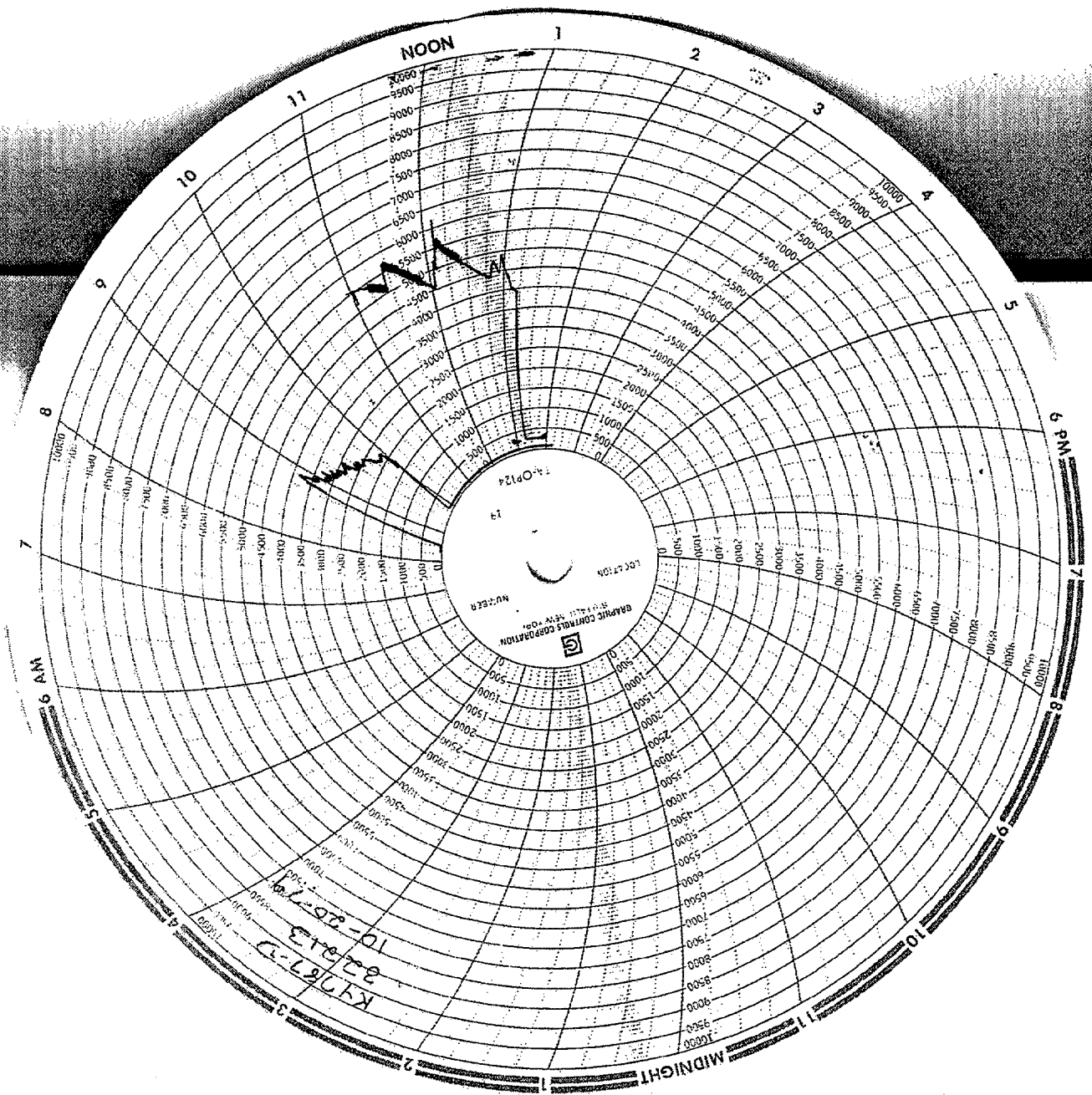
Total Wgt 3490 6121# (REQ.)

NON-BLEEDING

EQUIPMENT	NAME: KROLORE YELLOW-MEDIUM	USE LBS.	N CODE	ACCT. LBS.
203	1 Run 39" (645 G) water into V-203 & pour in Assume 50%	40	7-B	20
205	2 Weigh in drum & pour in	560	32-D	560
1	3 Dump in & stir 5 min LOT 23597	50	YC-2-B	4200
	Record: Start 9:00			2500
	Fin 10:00			
	4 Adj to 75" (1275 G) 2400-2600			
	5 Pump V-203 thru Homog 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 57 " & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
SV & 205	9 Run 2 " (200 G) water into V-262 install temp chart & start agitator			
2	10 Pump V-205 thru Homog at 4800-5200 psi into SV-262			
	Record: Time Start 11:00 AM 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			
349	12 While Homog, run 6" (284 G) water into V-349			
384	13 Run ± 1000# water into V-384 & heat to 110-120°F	1840		1840
3	14 Weigh into V-384 & pump to V-349	3220	32-D	3220
	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: Be 1680 (16.0 ± 0.2) (1.079-1.083)			
SV	18 When S 11/Homog complete, adj SV to " (2570 G)			
4	19 Record: pH 10.2 & adj to 11.4-11.6 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	24	7-D	12
	Siphon into SV & Record: pH 11.2			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) & Record: HT °F & Rec °F			
	Note: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 39" (1070 G) water into V-343			
386	22 Meter in from V-386 M 67 10.17 #/G 27.0 Gal		27-D	401
5	23 Stir 15 min or longer			275
	24 Record: Be 1018 (4.8 ± 0.1) (1.017-1.018)			

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EQUIPMENT	PAGE	CG	03	CODE	EST. WGT.	LBS.	USE	N	ACCT.
	2			KY-787-D (S)	6121		LBS.	CODE	LBS.
SV 6	25	When S 20 heating complete, Record: pH 8.2 (9.6-10.2)							
	26	Set V-343 acid pump at 57 setting ($\pm$ 225 min)							
	27	Set V-349 silicate pump at 48 setting ($\pm$ 180 min)							
	28	Immediately meter in V-343 & 349, maintain SV at 190-194°F during strike							
	29	Record: START FIN MIN							
		V-343 2:25P 7:05 PM 2:38							
		V-349 6:30P 7:55							
		Record:	TIME	V-343	V-349	SV	NORMAL		
				in	in	pH	pH		
		at 20 min	3:45P	(37)	(15)	10.0	9.3-10.0		
		40 min	4:05P	(34)	(13)	10.0	9.3-10.0		
		1 hr	4:25P	(30)	(11)	10.0	9.3-10.0		
		2 hrs	5:25P	(19)	(6)	9.9	9.3-10.0		
		3 hrs	6:25P	(8)	(0)	9.0	9.3-10.0		
		Finish	7:00P	(0)	(0)	9.0	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 8.2 Assume 78%							
								27-D	18
330 7	30	Run 25" (600 G) water into V-330 & heat to 160-170°F 80° 100°F							
	31	Add in 12-13 min 7-8 min							
	32	Stir 5 min & Record: pH 9.8 (9.5-10.5)							
	33	Stir 20 min or longer to dissolve for S 46							
357 8	34	Run 11" (80 G) water into V-357 & heat to 135-140°F							
	35	Dump in & stir to dissolve for S 42							
302 9	36	Run 42" (513 G) water into V-302							
	37	Add & stir 2 min for S 44 44 Assume 50%							
SV 10	38	When V-349 MTY, rinse in with minimum water then set pump to zero setting							
	39	When V-343 MTY, rinse in with minimum water then turn off pump motor							
	40	Turn off steam							
	41	Stir in 4 bags							
	42	Run in V-357 from S 35 & stir 5 min							
	43	Record: pH 3.3 (3.7-4.2)							
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min							
	45	Record: pH 9.5 (9.0-9.5) & if necessary, adj to pH 9.0-9.5 & Record: pH Assume 78%							
		(Dilute 10 parts water to 1 part N-7-D) Assume 50%							
		Siphon N-7-D into SV							
	46	Run in V-330 thru 20 mesh screen & stir 20 min							
330 11	47	Run 11" (216 G) water into V-330 & dump in							
	48	Stir 5 min to dissolve for S 49							
SV 12	49	Run V-313 into SV in 15-20 min							
	50	Stir 15 min							
	51	Record: pH 9.4 (9.0-10.0)							
	52	Stop agitator Do not stop in V-262							
		START	FIN	OPTR					
		7:00 AM	3:00 PM	409-282					
		3:00 PM	10:00 PM	244-37					
		Step	V-262 (20 RPM)	V-243, 244, 246, 247					
		9	2" 5"	4" 10"					
		18	26"	50"					



N32172.01

DUP050456923