

243, 244, 246, 247, (262)

c.v. 106 I¹⁷

MAKING INSTRUCTIONS: BATCH UNIT

D.V.

CG 03 CODE KY-787-D PKG. _____

→ Nov 27 32969

EST. WGT. 2230 LBS.

STD. HRS. _____ TIME _____ 5^P M

14 YC-2-B 93 4 Lot 23965

14 YC-2-B 93 4 Lot 23963

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	
()	()	FWP 02-01-79	
TYPED BY			
emw020179			

Homog #4 - 1st Pass
" #3 2nd Pass

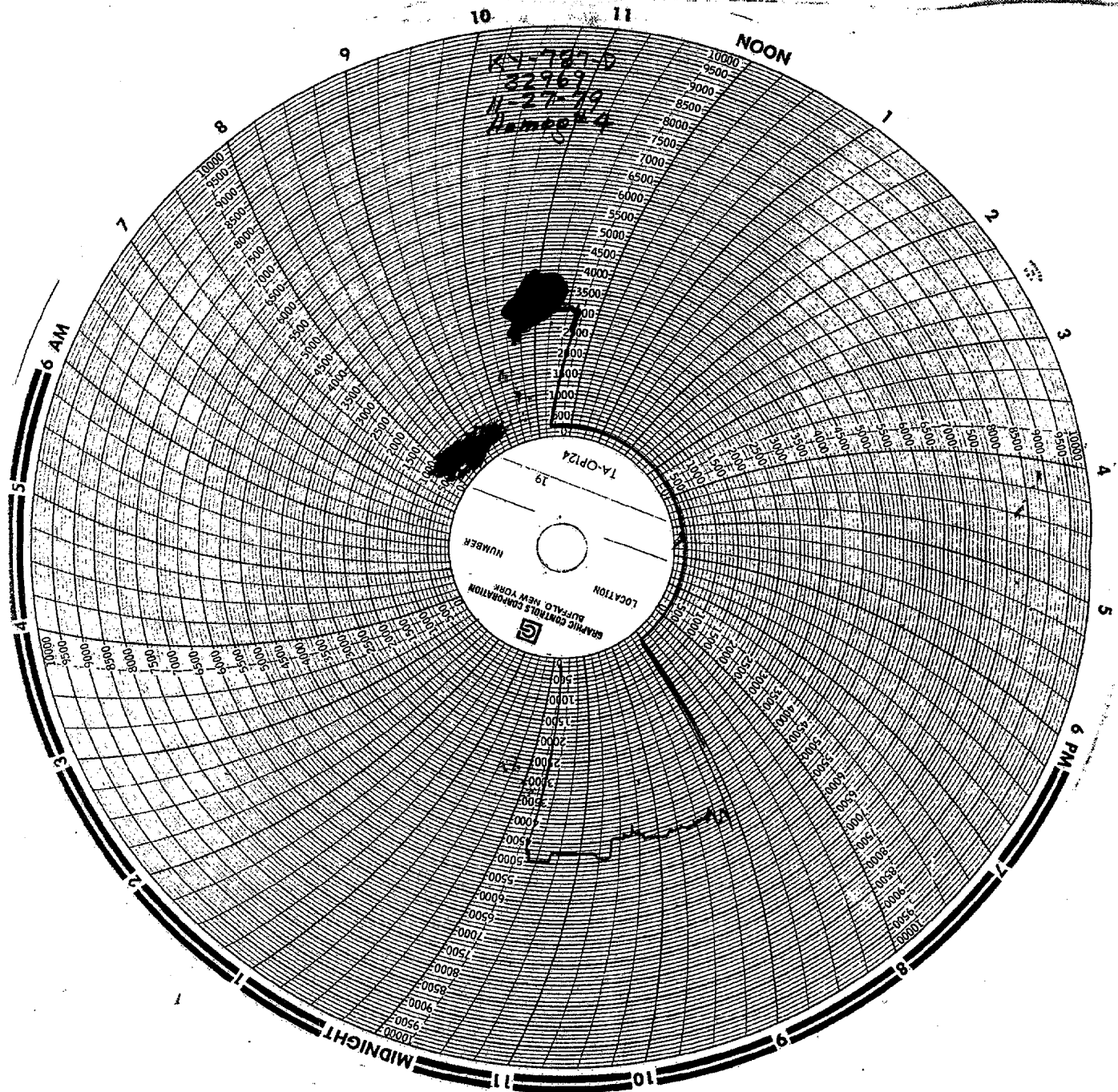
Total Wgt 7230# (REQ)

NON-BLEEDING

IPMENT	NAME: KRQLO® YELLOW MEDIUM	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
205	3 Dump in & stir 5 min	100 x 50	YC-2-B	5000
1	Record: Start 8:40	Lot 23965		
	Fin 10:15	23963		
	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-205 Vol 43 " & 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			
&	10 start agitator			
205	10 Pump V-205 thru Homog at 4800-5200 psi into SV-262			
2	Record: Time Start 9:00 PM, Total Min 150			
	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 While 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: 086 1.114 (116.2 ± 0.2) (1.113 - 1.117)			
SV	18 When S 11 Homog complete, adj SV to 26" (2100 G)			
4	19 Record: pH 10.8 & 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 11.1			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) &			
	Record: HT _____ OF & Rec _____ OF			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run (56") (1520 G) water into V-343			
&	22 Meter in from V-386 M 77.964 #/Gal 59.4 Gal			
386	23 Stir 15 min or longer			
5	24 Record: 086 1.028 (4.1 ± 0.1) (1.027 - 1.028)			

V-262

EQUIPMENT		PAGE 2 CG03 CODE KY-787-D (S) EST. WGT. 7230 LBS.	USE LBS.	N CODE	ACC LBS.
SV	25	When S 20 heating complete, Record: pH 10.0 (9.6-10.2)			
	26	Set V-343 acid pump at (69) setting (± 255 min)			
6	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: Start Fin Min			
		V-343 1.00 445 AM 210			
		V-349 1.00 AM			
		Record: Time V-343 V-349 SV Normal			
		at 20 min 1.20 AM (52) 52 (22) 22 9.9 9.3-10.0			
		40 min 1.40 AM (48) 48 (20) 20 9.8 9.3-10.0			
		1 hr 2.00 AM (43) 43 (18) 18 9.8 9.3-10.0			
		2 1/2 hrs 3.15 AM (27) 27 (7) 7 9.8 9.3-10.0			
		3 1/2 hrs 4.45 AM (10) 10 (0) 0 9.8 9.3-10.0			
		Finish 5.30 AM (0) 0 (0) 0 7.2 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 10.1 (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	380	7-D	190
SV	38	When V-349 MTY, rinse in with minimum water set pump to zero setting			
	39	When V-343 MTY, rinse in with minimum water then turn off pump motor			
10	40	Turn off steam			
	41	Sift in	250	128-A	250
	42	Run in V-357 from S 35 & stir 5 min			
	43	Record: pH 3.2 (3.7-4.2)			
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min			
	45	Record: pH 9.4 (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 7.4 (9.0-10.0)			
	52	Stop agitator do not stop V-262			
		Step V-262 (20 RPM) V-243, 244, 246, 247			
		9 2" 4"			
		18 26" 50"			
		START FIN OPTR			
		10:15 AM 3:00 P 235-301			
		3:00 PM 11:00 PM 438-409			



N32041.01

DUP050456358