

246, (247) 245

C.V.

D.V.

04 CODE K0-789-D PKG.

JAN 20 33930

76.2 + 132 LBS.

PROCESSES		APPROVED BY	
()	K0-789-D	(I)	EWK 09-21-76
()		()	DCG 09-21-76
()		()	MTW 10-02-76
()		()	FWP 02-05-79
TYPED BY			
emw020579			

10.8

TIME

01 YC-16-B 93 4 Lot 33656 250#
 01 YC-16-B 93 4 Lot 32510 100#
 01 YC-16-B 93 4 Lot 30094 700#

01 YC-16-B 93 33478 2050
 Homog #2

Total Weight 5322# (Req _____)

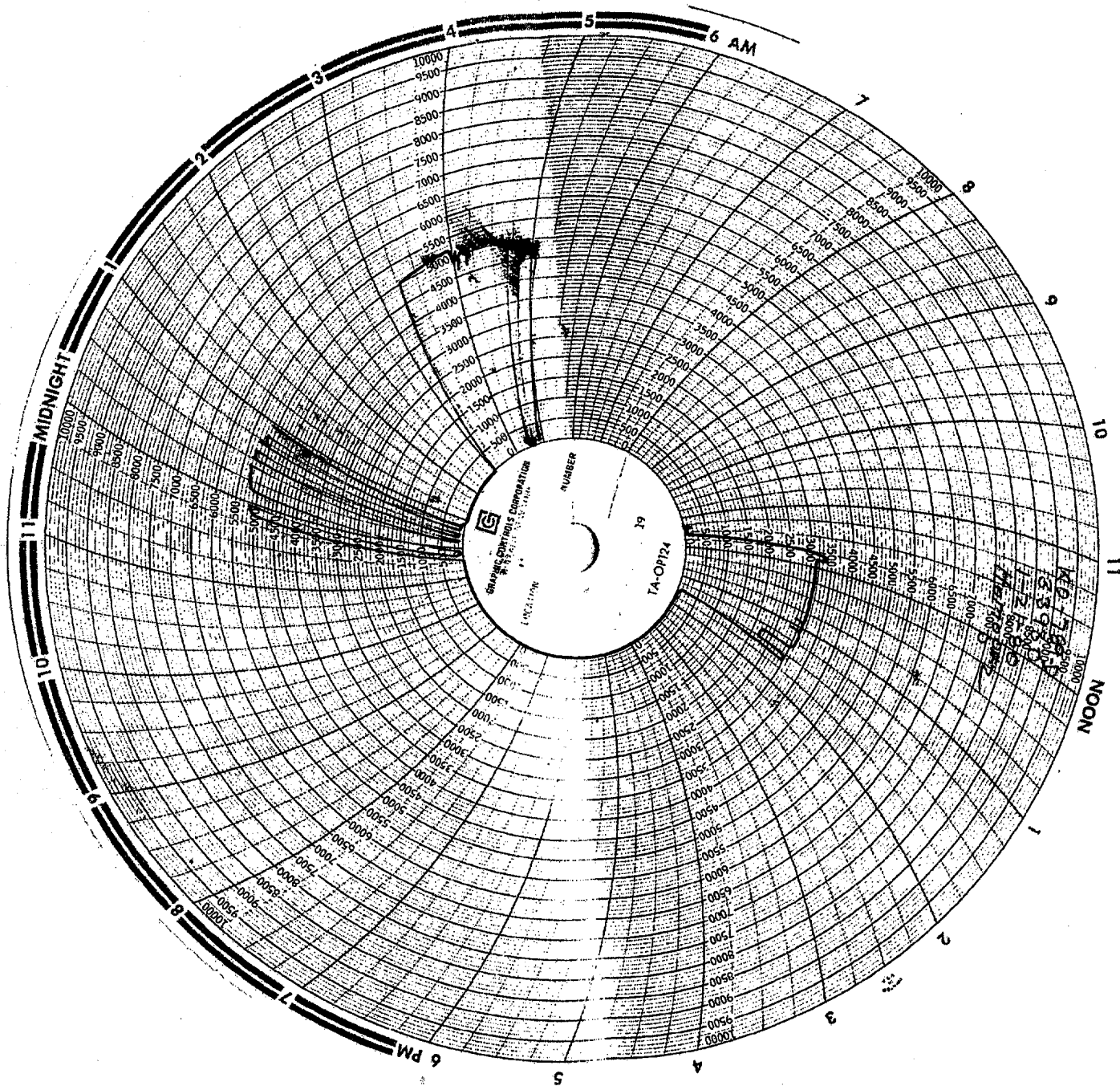
NON-BLEEDING

NAME: KROLOR® ORANGE Y		USE LBS.	N CODE	ACCT. LBS.
211	1 Run 60" (990 G) water into V-211			990
&	2 Weigh in drum & pour in			
208	3 Dump in & stir 5 min	390 530	32-D	530
1	Record: Start <u>9:20</u>	Lot <u>62</u>	YC-16-B	4200
	Fin <u>10:30</u>	<u>33656</u>		3100
		<u>32510</u>		
		<u>30094</u>		
	4 Adj to 70" (1200 G) <u>2800-3300</u>	<u>33478</u>		
	5 Pump V-211 thru Homog #2 at 1800-2200 psi into V-208			
	6 When V-211 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-208 Vol <u>54</u> " & adj to 54" (1890 G)			
	8 Inspect Homog strainer & clean if necessary			
208	9 Run 10" (514 G) water into V- <u>245</u> & start agitator & install temperature chart			
&	10 Pump V-208 thru Homog at 4800-5200 psi into SV- <u>245</u>			
SV	2 Record: Time Start <u>11:37 AM</u> Total Min <u>150</u>			
	NOTE: If homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
	11 When V-208 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	<u>1880</u>		<u>1880</u>
384	14 Weigh into V-384 & pump to V-349	<u>2930</u>	32-D	<u>2930</u>
3	15 Run ± 1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 30" (1140 G) & stir 15 min or longer <u>22" (1040 G)</u>			
	17 Record: <u>0961.063</u> (10.0 ± 0.2) (<u>1.061-1.064</u>)			
SV	18 When S 10 Homog complete, adj SV to 45" (2300 G)			
4	19 Record: pH <u>11.3</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%	<u>16</u>	7-D	<u>8</u>
	Siphon N-7-D into SV & Record: pH <u>11.1</u>			
20	Heat to 190-194°F in 55-65 min & Record: HT <u>192°F</u> & Rec <u>193°F</u>			
	NOTE: Strike must be started immediately on completion of heating			
	<u>52" (1430 G)</u>			
343	21 While heating SV, run 70" (1920 G) water into V-343			
&	22 Meter in from V-386 <u>M 10</u> , <u>250 #/Gal</u> <u>30.5 Gal</u>		27-D	<u>440</u>
386	23 Stir 15 min or longer			<u>290</u>
5	24 Record: <u>0961.015</u> (2.5 ± 0.1) (<u>1.013-1.015</u>)			

V.M.

V-245 240

EMENT	PAGE 2 CG 04 CODE KO-789-D (1) EST. WGT.	5332 LBS.	USE LBS.	N CODE	ACCT LBS.
SV 25	When S 20 heating complete, Record: pH 9.8 (9.6-10.2)				
6 26	Set V-343 acid pump at 86 setting (± 255 minutes) 65				
27	Set V-349 silicate pump at 22 setting (± 210 minutes) 54				
28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike				
29	Record:	Start	Fin	Min	
	V-343	6:05 AM	10:35A	270.	
	V-349	6:05 AM	9:40A	215	
	Record:	Time	V-343 in	V-349 in	SV pH Normal pH
	at 20 min	6:25	(86) 49.40	(22) 20.9	9.5 9.3-10.0
	40 min	7:45	(60) 45.13	(24) 18.17	9.3 9.3-10.0
	1 hr	7:05	(58) 41.1	(25) 16	9.4 9.3-10.0
	2 1/2 hrs	8:20	(38) 35.27	(32) 8	9.4 9.3-10.0
	3 1/2 hrs	7:35V	(18) 71.1	(0) +	9.5 9.3-10.0
	Finish	10:35	(0)	-	5.6 7.5- 8.5
	NOTE: If pH drops below 9.3 in 1st hr. stop pumps & see Supervisor. If final pH is above 8.5, adj to 7.5-8.5 & Record: pH Assume 77%				
					27-D
357 30	Run 33" (238 G) water into V-357 & heat to 135-140°F				390
7 31	Dump in & stir to dissolve			790 530	15-A 530
302 32	Add 42" (514 G) water to V-302				
8 33	Add & stir 2 min			Assume 50%	540 230 7-D 165
					130
SV 34	When V-349 MTY, rinse in with minimum water then set pump at zero setting				
9 35	When V-343 MTY, rinse in with minimum water then turn off pump motor				
36	Stir 30 min at 190-194°F then turn off steam				
	Record: Start 10:40				
37	Run in V-357 from S 31 & stir 5 min				
38	Record: pH 3.1 (3.4-3.8) & if necessary, adj (DOWN ONLY) to 3.4-3.8 & Record: pH				15-A
	NOTE: Dissolve extra N-15-A in water at 135-140°F in drum, use ±30 G water to 50# N-15-A. Stir SV 5 min after each addition				
39	Run in N-7-D from S 33 in 10-12 min & stir 5 min				
40	Record: pH 4.3 (6.2-6.4) & if necessary, adj to pH 6.2-6.4 & Record: pH 6.4			Assume 77%	27-D
	(Dilute 10 parts water to 1 part N-7-D)			Assume 50%	40 7-D 20
	Siphon N-7-D into SV				37
41	Pour in & stir 15 min			30 20	978-A 25
42	Stop agitator				
	START	FIN	OPTR		
	10:30 AM	3:00 PM	235-342		
	11:00 AM	1:00 PM	570-104		
	7:00 AM	12:10 PM	235		



V-245

