REC-VA

MAKING INSTRUCTIONS: BATCH UNIT

V 243, 244, 246, 247, 262

CO 03 CODE KY-787-D

Oct 25 32333

2230

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		

OK

5P

14 YC-2-B 93 4 Lot 23606, 1000#

14 YC-2-B 93 4 Lot 23607, 4000#

14 YC-2-B 93 4 Lot _____, _____#

OCT 30 1979

Total Wgt 7230# (REQ_____)

NON-BLEEDING

SHIPMENT		NAME: KROLOR® YELLOW MEDIUM		USE LBS.	N CODE	ACC 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	Lot	100 x 50	YC-2-B	5000
1		Record: Start 7.45 AM	23606	1000		
		Fin 9.45 AM	23607	4000		
Note	4	Adj to 80" (1360 G) Record pH 10.7				
	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 4" & 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 & start agitator				
&	10	Pump V-205 thru Homog at 4800-5200 psi into SV-262				
205		Record: Time Start 7:15 P, Total Min 156				
2		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: °Be 1.113 ~~(15.2 ± 0.2)~~ (1.113 - 1.117) g/ml				
SV	18	When S 11 Homog complete, adj SV to 26" (2100 G)				
4	19	Record: pH 10.4 & 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 11.2				
	20	Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) & Record: HT 170°F & Rec 170°F				
		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 67, 10.17#/Gal 56.3 Gal			27-D	573
386	23	Stir 15 min or longer				
5	24	Record: °Be 1.027 ~~(4.1 ± 0.1)~~ (1.027 - 1.029) g/ml				

N32179

262

PAGE 2 of 03 CODE KY-787-D (S) EST. WGT. 7230 LBS.

EQUIPMENT			USE LBS.	N CODE
SV 6	25	When S 20 heating complete, Record: pH 9.9 (9.6-10.2)		
	26	Set V-343 acid pump at 69 setting (± 255 min)		
	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 10:30 / 2.45 / 255		
		V-349 / 2.00 / 210		

Record:	Time	V-343 in	V-349 in	SV pH	Normal pH
at 20 min	10:50	(52)	(22)	9.8	9.3-10.0
40 min	11:10	(48)	(20)	9.8	9.3-10.0
1 hr	11:30	(43)	(18)	9.8	9.3-10.0
2¼ hrs	12:45	(27)	(7)	9.8	9.3-10.0
3½ hrs	2:00	(10)	(0)	9.8	9.3-10.0
Finish	2:45	(0)		7.4	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 7	30	Run 22" (431 G) water into V-330 & heat to 160-170°F			
	31	Add in 12-13 min	700	530-A	700
	32	Stir 5 min & Record: pH 10.2 (9.5-10.5)			
	33	Stir 20 min or longer to dissolve for S 46			
357 8	34	Run 29" (210 G) water into V-357 & heat to 135-140°F			
	35	Dump in & stir to dissolve for S 42	✓ 350	15-A	350
302 9	36	Run 36" (440 G) water into V-302			
	37	Add & stir 2 min for S 44 Assume 50%	380	7-D	190
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	Sift in	✓ 250	128-A	250
	42	Run in V-357 from S 35 & stir 5 min			
	43	Record: pH 3.4 (3.7-4.2)			
	44	Run in N-7-D from S 37 in 10-12 min & stir 5 min			
	45	Record: pH 10.1 (9.0-9.5) & if necessary, adj to pH 9.0-9.5 &			
		Record: pH 9.4 Assume 78%	10	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 11	47	Run 15" (222 G) water into V-313 & dump in	270	20-A	270
	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 9.5 (9.0-10.0)			
	52	Stop agitator Do not stop in V-262			

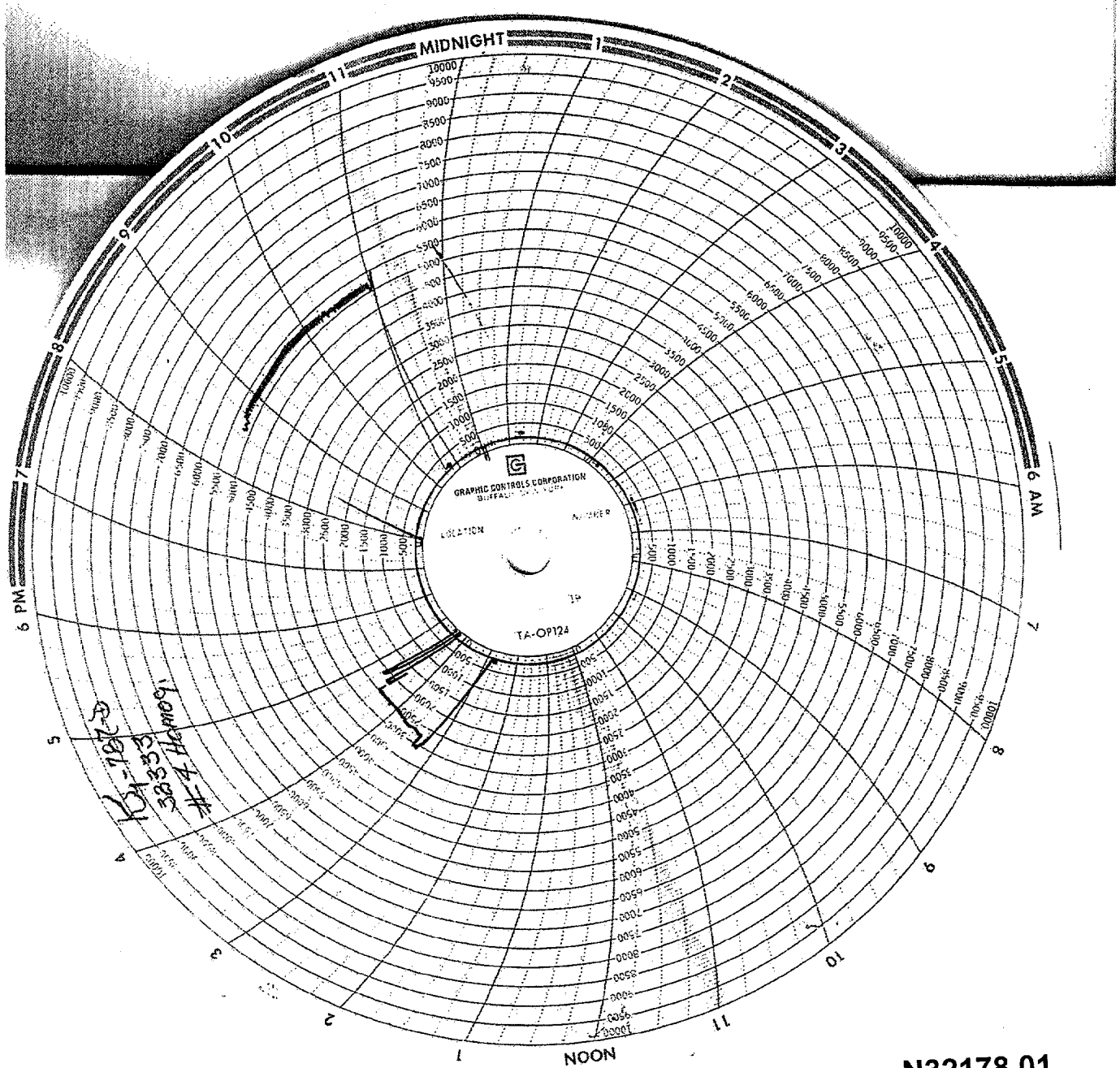
Step	V-262 (20 RPM)	V-243, 244, 246, 247
9	2"	4"
18	26"	50"

START FIN OPTR

11:00 PM / 7:00 AM / 320-145
3:00 PM / 101-27

11-PM 7-6AM 145-144

DUP050456949



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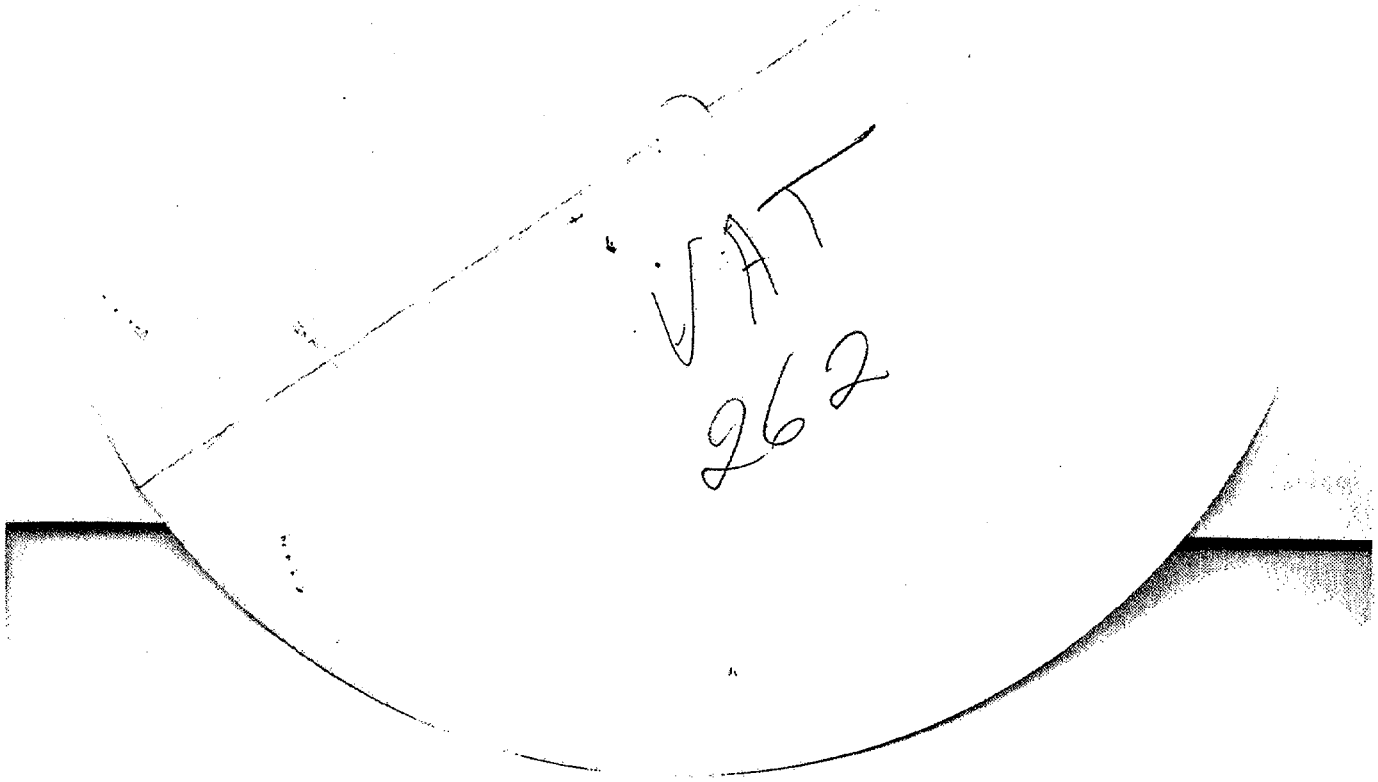
VAT
262