

NOV 20 80 37946 3A M
 STANDARD HRS: 10.6 TIME

CG	CODE	PQ	LOT	LBS
14	YC002B	93	13189	2000
14	YC002B	93	13197	200
14	YC002B	93	13191	2000

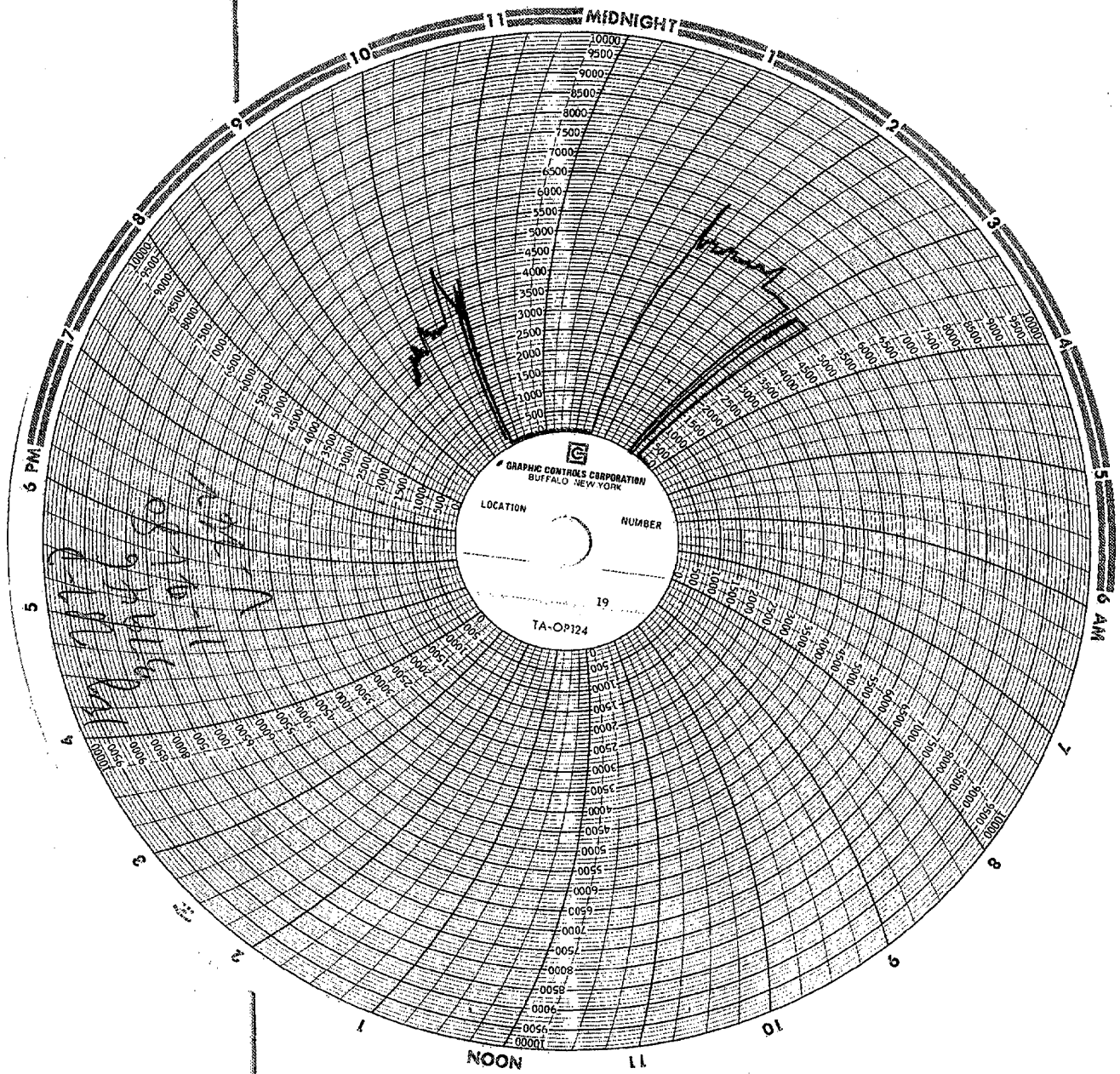
TOTAL EST'D WGT 5845

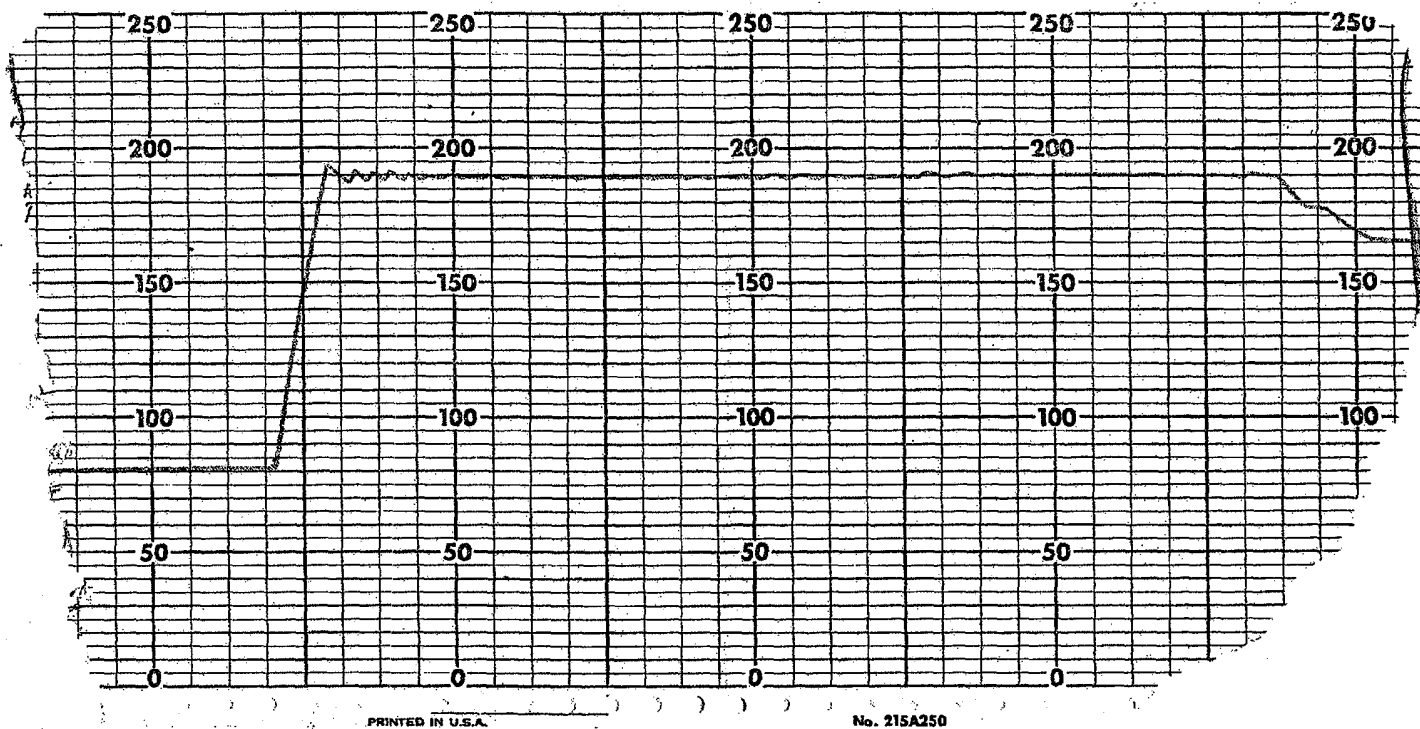
use flake caustic

NON-BLEEDING

EQUIP	NAME : "KROLOR" YELLOW MEDIUM	USE LBS	NCODE	ACCT LBS
203 & 205	1 RUN 60" (990 GAL) WATER INTO V-203 WITH AGITATOR ON HIGH SPEED & ADD CAUSTIC	20	72-D	20
205	2 WEIGH SODIUM SILICATE INTO DRUM & POUR IN	420	983-D	420
1	3 DUMP IN CHROME YELLOW & STIR 5 MIN RECORD: START 6 AM 13187 FIN 7:05 PM 13197 13191	84X50 2000 200 2000	YC-2-B	4200
4	4 ADJUST TO 75" (1275 GAL)			
5	5 WITH AGITATOR ON LOW SPEED PUMP V-203 THRU HOMOG AT 2400-2600 PSI INTO V-205			
6	6 WHEN V-203 MT, WASH COLOR THRU HOMOG WITH MIN HOT WATER AT 2400-2600 PSI INTO V-205			
7	7 RECORD: V-205 VOL. " & ADJUST TO 60" (2100 GAL)			
8	8 INSPECT HOMOG STRAINER & CLEAN IF NECESSARY			
208 & SV	9 RUN 5" (200 GAL) WATER INTO V-208, START AGITATOR & INSTALL TEMP CHART			
2	10 PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV. RECORD: TIME START 2:40 PM TOTAL MINUTES 1:40			
11	NOTE: IF HOMOG PRESSURE FALLS BELOW 4800 PSI, 3-WAY VALVE WILL RECIRCULATE SLURRY TO V-205			
11	WHEN V-205 MT, RUN IN 5" (240 GAL) WATER & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV			
349 & 384	12 WHILE HOMOG, RUN 6" (284 GAL) WATER INTO V-349	2515		2515
14	13 RUN 1000# WATER INTO V-384 & HEAT TO 110-120°F	2415	983-D	2415
15	14 WEIGH INTO V-384 & PUMP TO V-349			
3	15 RUN 1000# WATER INTO V-384 & PUMP TO V-349			
17	16 ADJ V-349 TO 17" (805 GAL) & STIR 15 MIN			
17	17 RECORD DENSITY 1.104 G/ML (1.103-1.105)			
SV	18 WHEN S-11 HOMOG COMPLETE, ADJ SV TO 24" (2420 GAL)			
4	19 RECORD: PH 10.0 & ADJ TO 11.1-11.3 WITH CAUSTIC AT 5% (10 PARTS WATER TO 1 PART N-7-D) ASSUME 50%	15	7-D	15
20	20 SIPHON N-7-D INTO SV & RECORD: PH 11.1 HEAT TO 190-194°F IN 55-65 MIN & REC: HT 190 *F & RECORD: 190 *F NOTE: STRIKE MUST BE STARTED IMMEDIATELY ON ON COMPLETION OF HEATING			
343 & 384	21 WHILE HEATING SV, RUN 39" (1070 GAL) WATER INTO V-343 & METER IN SULFURIC ACID FROM V-384 MK 60, 58, 27 GAL 40 GAL		27-D	361
53	22 RECORD: DENSITY 1.025 G/ML (1.023-1.025)			

EQUIP	PAGE 2	CG 03	KY-787-D	EST WGT 58454	USE LBS	N- CODE	USE LBS
V-262							
124	WHEN S 20 HEATING COMPLETE, RECORD: PH	10.0					
125	SET V-343 ACID PUMP AT 49 SETTING (285 MIN)						
126	SET V-349 SILICATE PUMP AT 38 SETTING (240 MIN)						
127	IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV						
SV	AT 190-194°F DURING STRIKE						
128	RECORD: START FINISH MINUTES						
	V-343 9:00 2:00 200						
	V-349 9:00 1:00 240						
	V-343 V-349 SV NORMAL						
	TIME INCHES INCHES PH PH						
	AT 20 MIN 9:20 PM (37) (16) 9.6 (9.3-10.0)						
	40 MIN 9:40 (34) (14) 9.6 (9.3-10.0)						
6	1 HR 10:00 (31) (13) 9.6 (9.3-10.0)						
	2 HR 11:00 (23) (9) 9.2 (9.3-10.0)						
	3 HR 12:00 (15) (4) 9.3 (9.3-10.0)						
	4 HR 1:00 (6) (0) 9.1 (9.3-10.0)						
	FINISH 1:45 AM (0) 9.0 (7.5-8.5)						
	NOTE: IF PH DROPS BELOW 9.3 IN FIRST HOUR, STOP						
	PUMPS & SEE SUPV. IF FINAL PH IS ABOVE						
	8.5, ADJ TO 7.5-8.5 ASSUME 77%					27-D	
330	129 RUN 35" (600 GAL) WATER INTO V-330 & HEAT TO						
7	160-170°F						
130	ADD DRESINATE "X" IN 12-13 MIN			600	530-A	600	
131	STIR 5 MIN & RECORD: PH 10.3 (9.5-10.5)						
132	STIR 20 MIN OR LONGER FOR S-45						
385	133 RUN 40" (308 GAL) WATER INTO V-385 & HEAT TO						
8	135-140°F						
134	DUMP IN ALUM & STIR TO DISSOLVE FOR S-41			280	15-A	280	
302	135 ADD 42" (513 GAL) WATER TO V-302						
9	136 ADD & STIR 2 MIN FOR S-43 ASSUME 50%			320	7-D	160	
SV	137 WHEN V-349 MT, RINSE IN WITH MINIMUM WATER &						
	SET PUMP AT ZERO SETTING						
10	138 WHEN V-343 MT, RINSE IN WITH MINIMUM WATER &						
	TURN OFF PUMP MOTOR						
	139 TURN OFF STEAM						
	140 SIFT IN BLANC FIXE			200	128-A	200	
	141 RUN IN V-385 FROM S 34 & STIR 5 MIN						
	142 RECORD: PH 3.6 (3.7-4.2)						
	143 RUN IN N-7-D FROM S 36 IN 10-12 MIN & STIR 5						
	MIN						
	144 RECORD: PH 9.5 (9.0-9.5) & IF NECESSARY ADJ TO						
	PH 9.0-9.5. RECORD: PH ASSUME 77%					27-D	
	DILUTE N-7-D 10 TO 1 WITH WATER ASSUME 50%					7-D	
	SIPHON N-7-D INTO SV						
	145 RUN IN V-330 THRU 20 MESH SCREEN & STIR 20 MIN						
330	146 RUN 11" (216 GAL) WATER INTO V-330						
11	147 DUMP IN CALCIUM CHLORIDE & STIR 5 MIN FOR S-48			230	20-A	230	
SV	148 RUN V-330 INTO SV IN 15-20 MIN						
12	149 STIR 15 MIN & RECORD: PH 9.6 (9.0-10.0)						
150	DO NOT STOP AGITATOR						
	START FINISH OPERATOR						
	3:00 PM 11:00 PM 237-320						
	11:00 PM 5:00 PM 342						





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