

CG 03

CODE KY-787-D

PKG

PROCESSES

APPROVED BY:

( ) KY-787-D (T)

FWP 09/27/82

COMTYP JOB NAME: 03KY787DMT

10/5/82

(DATE)

K2J62

(LOT)

(EST WGT)

3444

DRY  
WEIGHTDRY  
CONTNO.  
PKGPKG  
WGTTOTAL  
WEIGHTACTUAL  
USE LBS

LOCATN

CG CODE

PQ

LOT

DRY  
WEIGHTDRY  
CONTNO.  
PKGPKG  
WGTTOTAL  
WEIGHTACTUAL  
USE LBS

J2D29

D2E16

100.00

100.00

100.00

40

10

---

50

50

---

2000

500

---

---

---

---

BLEND BACK FOR STEP 43: KY-787-D, G2J99, 150 # ON 6-3 OR GET FROM R/M.

EQUIP

NOT FOR V-203

NAME: \*KROLOR\* YELLOW-MEDIUM

USE  
LBSN-  
CODEACCT  
LBS\*BEFORE USING SV MAKE SURE N-28-D LINE (HYDRO-  
CHLORIC ACID) IF ANY IS BLANKED OFF\*.

203

1 RUN 60" (990 G) WATER IN V-203. SET AGITATOR ON  
& HIGH SPEED.

205

2 WEIGH IN DRUM &amp; POUR IN (SODIUM SILICATE)

250

32-D

250

3 DUMP IN AND STIR 5 MIN (CHROME YELLOW MEDIUM)

50X50

YC-2-B

2500

RECORD: START 7:30 AM LOT J2D29

2000

FIN 9:30 AM

500

4 ADJUST TO 75" (1275 G) \*NOTE: VOLUMES HIGHER

THAN 75" MAY CAUSE DUSTING IN EXHAUST HOOD.

5 WITH AGITATOR ON LOW SPEED PUMP V-203 THRU

HOMOG AT 2400-2600 PSI INTO V-205

6 WHEN V-203 MT, WASH COLOR THRU HOMOG WITH MIN  
OF HOT WATER AT 2400-2600 PSI INTO V-205

7 RECORD: V-205 VOL 47" &amp; ADJ TO 60" (2100 G)

8 INSPECT HOMOG STRAINER &amp; CLEAN IF NECESSARY

205

9 RUN 10" (514 G) WATER INTO V-205 & START  
AGITATOR

SV

10 PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV.

RECORD: TIME START 7:15 PM TOTAL MINUTES 75

2

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 G) WATER &amp; PUMP

THRU HOMOG AT 4800-5200 PSI INTO SV

SP

12 SP STEP 01 - SET FORMULA SELECTOR TO POSITION

&amp;

2 (V-243) OR POSITION 7 (V-244)

CP

13 PRESS SV CAN RESET PB - SET 22 TC IN AUTO

REMOTE (TEMP IS SET AT 190-194°F)

3

14 RECORD LEVELS &amp; SET R/M COUNTER #1 AS FOLLOWS:

A. 11LG 54% PRESET #1 32 GAL (LIQUID ALUM)

115-D

168

B. 13LG 32% PRESET #6 141 GAL (CALCIUM  
CHLORIDE 77%)

20-A

141

15 SET STRIKE FLOW CONTROLLERS AS FOLLOWS:

ZFC10 (N-27-D -SULFURIC ACID 60%- CONTROLLER)  
IN MANUAL 0.64 GPM

27-D

213

ZFC20 (N-27-D WATER) IN MANUAL LOCAL 8.36 GPM

ZPR10 (N-27-D/WATER) RATIO 1.31

BFC10 (N-32-D CONTROLLER) IN MANUAL 0.84 GPM

32-D

1425

BFC20 (N-32-D WATER) IN MANUAL LOCAL 7.40 GPM

BFC20 (N-32-D WATER) IN REMOTE

BER10 (N-32-D/WATER) RATIO 1.76

116

OPERATOR STEP PB

OCT 13 1982

EQUIP | PAGE 2 CG 03 KY-787-D V-240 | USE | N- | USE  
MENTI | | | LBS | CODE | LBS

320 17 RECORD LEVEL 2LG 54 % IF BELOW 35% FOLLOW SOLN  
SV MAKE-UP PROCEDURE FOR N-27-D  
SP 18 ADJUST SV TO 48" (2470 G)  
CP 19 RECORD PH 9.2 ADJ TO 11.1-11.3 WITH N-7-D  
(CAUSTIC SODA SOLN) AT 5% (10 PARTS WATER TO 1  
4 PART N-7-D)  
4 SIPHON INTO SV. RECORD: PH 11.3 ASSUME 50% 60 7-D 30  
120 OPERATOR STEP PB

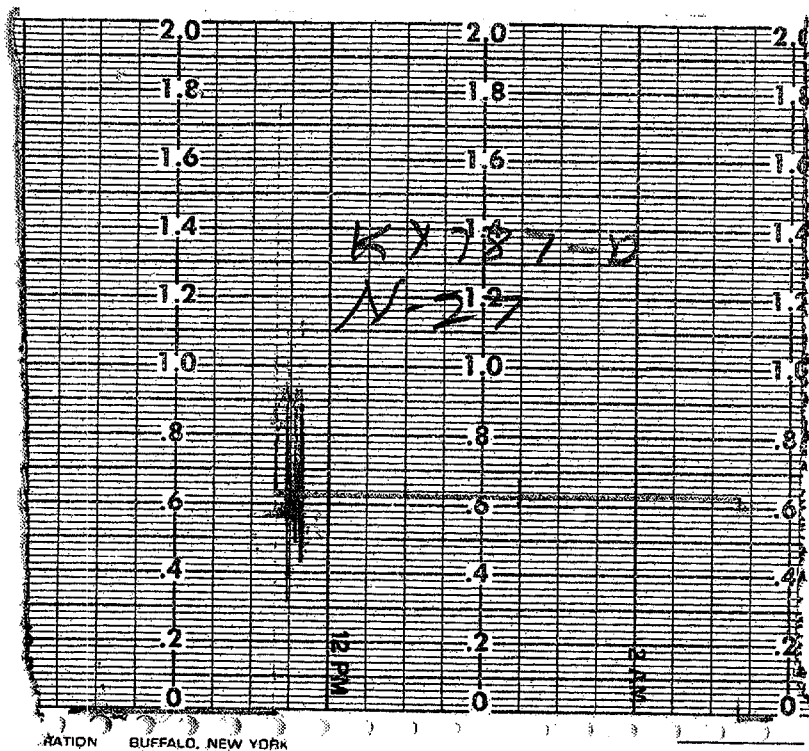
21 SP STEP 06/39. AFTER HEAT-UP RECORD: PH 9.9.  
SV 22 SWITCH 3FC20, 8FC10, & 8FC20 TO AUTO  
SP 23 OPERATOR STEP PB  
24 SP STEP 10/43. WHEN 3FC20, 8FC10 & 8FC20 FLOWS  
ARE IN LIMITS, SWITCH 3FC10 TO AUTO & PB  
5 25 SP STEP 11/44. WHEN 3FC10 & 3FC20 FLOWS ARE IN  
LIMITS, SWITCH 3FC20 TO REMOTE  
26 OPERATOR STEP PB  
→ 27 DURING STRIKE RECORD:  
SP STEP  
V-243/V-244  
13/46 (30 MIN) PH 9.3 RANGE 9.0-10.0 TIME 11:05 P  
14/47 (60 MIN) 9.3 9.0-10.0 11:35 P  
15/48 (2 HRS) 9.3 9.0-10.0 12:35 A  
16/49 (2 HRS, 25 MIN) 9.0 9.0-10.0 1:1 A  
17/50 (FINAL 3 HRS) 7.5 7.5-8.5 1:35 A  
NOTE: IF PH NOT IN RANGE, NOTIFY SUPV & NOTE  
IN LOG. IF FINAL PH >8.5, ADJ TO 7.5-8.5.  
& RECORD: PH \_\_\_\_\_ ASSUME 77% \_\_\_\_\_ 27-D \_\_\_\_\_

128 WHILE STRIKING RUN 30" (234 G) WATER INTO V-339  
129 ADD IN 7-8 MIN. (DRESINATE X) CHECK FOR DRAFT 365 530-A 365  
IN VENT STACK BEFORE DUMPING.  
339 130 ADJ TO 49" (382 G) AT 80-100°F  
6 131 STIR 5 MIN & RECORD: PH 10.1 (9.5-10.5)  
132 STIR 15 MIN OR LONGER FOR SP STEP 26  
133 RECORD: VOL 49 \* & CALC 49 \* X 0.78 = 38.2 GAL  
134 SET PRESET #8 TO 38.2 GAL FROM S 33

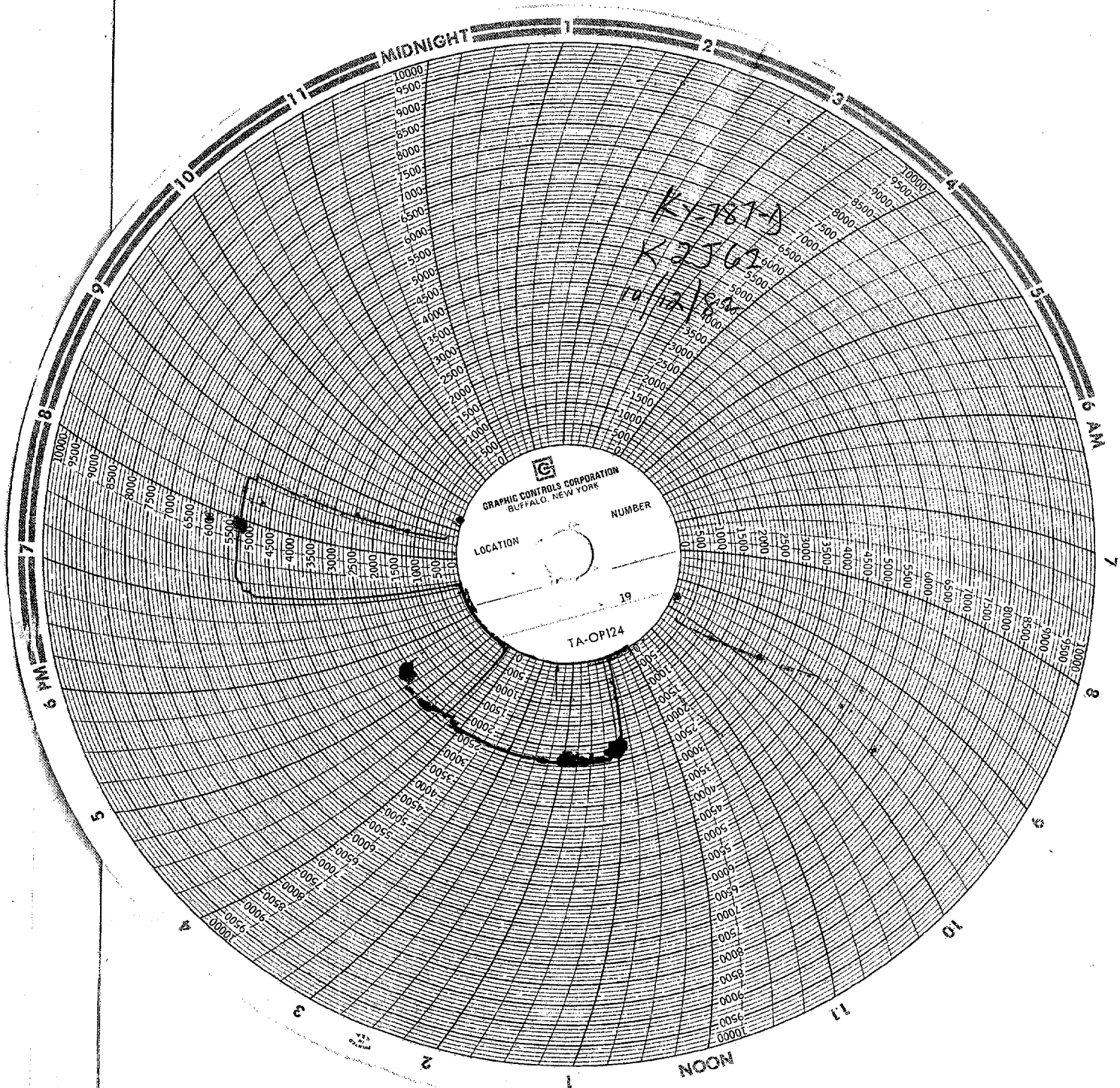
385 135 RUN 47" (360 G) WATER INTO V-385  
7 136 ADD & STIR 2 MIN FOR S 40 10 ASSUME 50% 160 7-D 80

137 SP STEP 17/50 AFTER CHECKING PH, OPERATOR PB.  
138 SIFT IN (BLANC FIXE N)  
SV 139 SP STEP 23/53. RECORD: PH 3.5 (3.7-4.2)  
SP 140 RUN IN N-7-D FROM S 36 IN 10-12 MIN & STIR 5  
MIN  
8 141 RECORD: PH 7.5 (9.0-9.5). ADJ IF NECESSARY &  
RECORD: PH 9.4 ASSUME 77%  
DILUTE 10 PARTS WATER TO 1 PART) ASSUME 50% 60 27-D 30  
SIPHON N-7-D INTO SV)  
142 OPERATOR STEP PB  
143 SIFT IN BLEND BACK: KY-787-D, 62599, 150 \*  
144 SP STEP 29/58. RECORD: PH 8.0 & TIME 2 AM  
145 OPERATOR STEP PB  
146 SP STEP 60. BATCH COMPLETE.

| START          | FINISH          | OPTR       |
|----------------|-----------------|------------|
| TIME SP STEP   | TIME SP STEP    |            |
| <u>7:00 AM</u> | <u>12:00 PM</u> | <u>54</u>  |
|                | <u>2:00 PM</u>  | <u>438</u> |







V-240