S.V. ~~2~~ ~~3~~ 240 AUTOMATED )  DATE PRINTED: 10/04/82

CG 03  CODE KY-787-D  PKG 3444 / 3404#  PROCESSES ( ) KY-787-D (T)  APPROVED BY: FWP 09/27/82

10/6/82 (DATE)  K2J36 (LOT)  (EST WGT)  COMTYP JOB NAME: 03KY787DMT  3 PM

| LOCATN | CG | CODE | PQ | LOT | DRY WEIGHT | DRY CONT | NO. PKG | PKG WGT | TOTAL WEIGHT | ACTUAL USE LBS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 100.00 | | | | |
| | | | | | | 100.00 | | | | |
| | | | | | | 100.00 | | | | |

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

| EQUIP | | NAME : 'KROLOR' YELLOW-MEDIUM (not for V-203) | USE LBS | N- CODE | ACCT LBS |
|---|---|---|---|---|---|
| | | 'BEFORE USING SV MAKE SURE N-28-D LINE (HYDROCHLORIC ACID) IF ANY IS BLANKED OFF'. | | | |
| 203 & 205 | 1 | RUN 60'(990 G) WATER IN V-203. SET AGITATOR ON HIGH SPEED. | | | |
| | 2 | WEIGH IN DRUM & POUR IN (SODIUM SILICATE) | 250 | 32-D | 250 |
| | 3 | DUMP IN AND STIR 5 MIN (CHROME YELLOW MEDIUM) | 50X50 | YC-2-B | 2500 |
| 1 | | RECORD: START 2:00 PM LOT J2D28 | 2000 | | |
| | | FIN 3:00 PM J2D29 | 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 51" & ADJ TO 60' (2100 G) | | | |
| | 8 | INSPECT HOMOG STRAINER & CLEAN IF NECESSARY | | | |
| 205 | 9 | RUN 10' (514 G) WATER INTO V-240 & START AGITATOR | | | |
| SV | 10 | PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV | | | |
| | | RECORD: TIME START 4:30 TOTAL MINUTES 15 | | | |
| 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 & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV | | | |
| SP & CP 3 | 12 | SP STEP 01 - SET FORMULA SELECTOR TO POSITION 2 (V-243) OR POSITION 7 (V-244) | | | |
| | 13 | PRESS SV CAM RESET PB - SET 22 TC IN AUTO REMOTE (TEMP IS SET AT 190-194*F) | OCT 11 1982 | | |
| | 14 | RECORD LEVELS & SET R/M COUNTER #1 AS FOLLOWS: | | | |
| | | A. 11LG 63 % PRESET #1 32 GAL (LIQUID ALUM) | | 115-D | 168 |
| | | B. 13LG 63 % PRESET #6 141 GAL (CALCIUM CHLORIDE 77%) | | 20-A | 141 |
| | 15 | SET STRIKE FLOW CONTROLLERS AS FOLLOWS: | | | |
| | | 3FC10 (N-27-D -SULFURIC ACID 60%- CONTROLLER) IN MANUAL 0.64 GPM | | 27-D | 213 |
| | | 3FC20 (N-27-D WATER) IN MANUAL LOCAL 8.36 GPM | | | |
| | | 3FR10 (N-27-D/WATER) RATIO 1.31 | | | |
| | | 8FC10 (N-32-D CONTROLLER) IN MANUAL 0.84 GPM | | 32-D | 1425 |
| | | 8FC20 (N-32-D WATER) IN MANUAL LOCAL 7.40 GPM | | | |
| | | 8FC20 (N-32-D WATER) IN REMOTE | | | |
| | | 8FR10 (N-32-D/WATER) RATIO 1.76 | | | |
| | 16 | OPERATOR STEP PB | | | |

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LOT= _____ _ CONTYP JOB NAME = 03KY787DMT PAGE 02 DATE PRINTED:10/04/82

| EQUIPMENT | | PAGE 2 CG 03 KY-787-D | USE LBS | N-CODE | USE LBS |
|---|---|---|---|---|---|
| 320 SV SP CP 4 4 | 17 | RECORD LEVEL 2LG 64% IF BELOW 35% FOLLOW SOLN | | | |
| | 18 | MAKE UP PROCEDURE FOR N-27-D | | | |
| | 19 | ADJUST SV TO 48" (2470 G) | | | |
| | | RECORD PH 9.2 ADJ TO 11.1-11.3 WITH N-7-D (CAUSTIC SODA SOLN) AT 5% (10 PARTS WATER TO 1 PART N-7-D) | | | |
| | | SIPHON INTO SV. RECORD: PH 11.4 ASSUME 50% | _____ | 7-D | _____ |
| | 20 | OPERATOR STEP PB | | | |
| | 21 | SP STEP 06/39. AFTER HEAT-UP RECORD: PH 9.7 | | | |
| SV SP | 22 | SWITCH 3FC20, 8FC10, & 8FC20 TO AUTO | | | |
| | 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: 12:05 | | | |
| | | SP STEP / V-243/V-244 — PH — RANGE — TIME | | | |
| | | 13/46 (30 MIN) — 9.4 — 9.0-10.0 — 12:35 Hm | | | |
| | | 14/47 (60 MIN) — 9.4 — 9.0-10.0 — 1:05 Hm | | | |
| | | 15/48 (2 HRS) — 9.4 — 9.0-10.0 — 2:05 A | | | |
| | | 16/49 (2 HRS, 25 MIN) — 9.3 — 9.0-10.0 — 2:30 A | | | |
| | | 17/50 (FINAL 3 HRS) — 6.9 — 7.5- 8.5 — 3:05 Hm | | | |
| | | 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 | ____ |
| | 28 | WHILE STRIKING RUN 30" (234 G) WATER INTO V-339 | | | |
| | 29 | ADD IN 7-8 MIN. (DRESINATE X) CHECK FOR DRAFT IN VENT STACK BEFORE DUMPING. | 365 | 530-A | 365 |
| 339 6 | 30 | ADJ TO 49" (382 G) AT 80-100*F | | | |
| | 31 | STIR 5 MIN & RECORD: PH 10.2 (9.5-10.5) | | | |
| | 32 | STIR 15 MIN OR LONGER FOR SP STEP 26 | | | |
| | 33 | RECORD: VOL 52 " & CALC 52 " X 0.78 = 39.0 GAL | | | |
| | 34 | SET PRESET #8 TO 39.0 GAL FROM S 33 | | | |
| 385 7 | 35 | RUN 47" (360 G) WATER INTO V-385 | | | |
| | 36 | ADD & STIR 2 MIN FOR S 40 ASSUME 50% | 160 | 7-D | 80 |
| | 37 | SP STEP 17/50 AFTER CHECKING PH, OPERATOR PB. | | | |
| | ~~38~~ | ~~SIFT IN (BLANC FIXE N)~~ | ~~110~~ | ~~123-A~~ | ~~110~~ |
| SV SP | 39 | SP STEP 23/53. RECORD: PH 3.3 (3.7-4.2) | | | |
| | 40 | RUN IN N-7-D FROM S 36 IN 10-12 MIN & STIR 5 MIN | | | |
| 8 | 41 | RECORD: PH 8.8 (9.0-9.5). ADJ IF NECESSARY & RECORD: PH 9.0 ASSUME 77% | X | 27-D | X |
| | | (DILUTE 10 PARTS WATER TO 1 PART) ASSUME 50% | X | 7-D | X |
| | | (SIPHON N-7-D INTO SV) | | | |
| | 42 | OPERATOR STEP PB | | | |
| | 43 | SIFT IN BLEND BACK: KY-787-D, GDJ99, 150 # | | | |
| | 44 | SP STEP 29/58. RECORD: PH 7.5 & TIME 3:50A | | | |
| | 45 | OPERATOR STEP PB | | | |
| | 46 | SP STEP 60. BATCH COMPLETE. 11:am 3:55 Hm | 342 | | |
| | | START TIME SP STEP 7 Am — FINISH TIME 3 Pm — OPTR 114 | | | |

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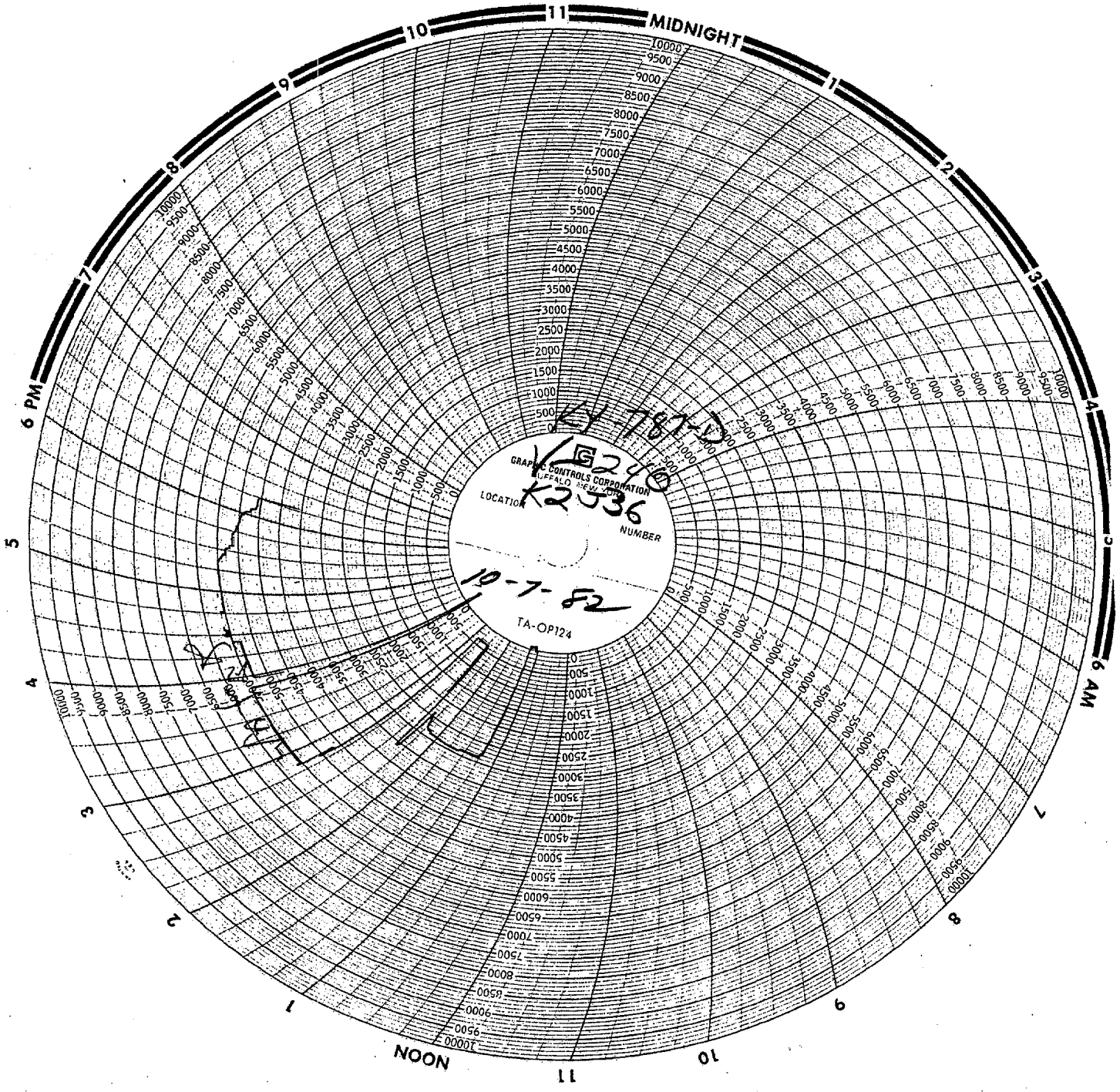


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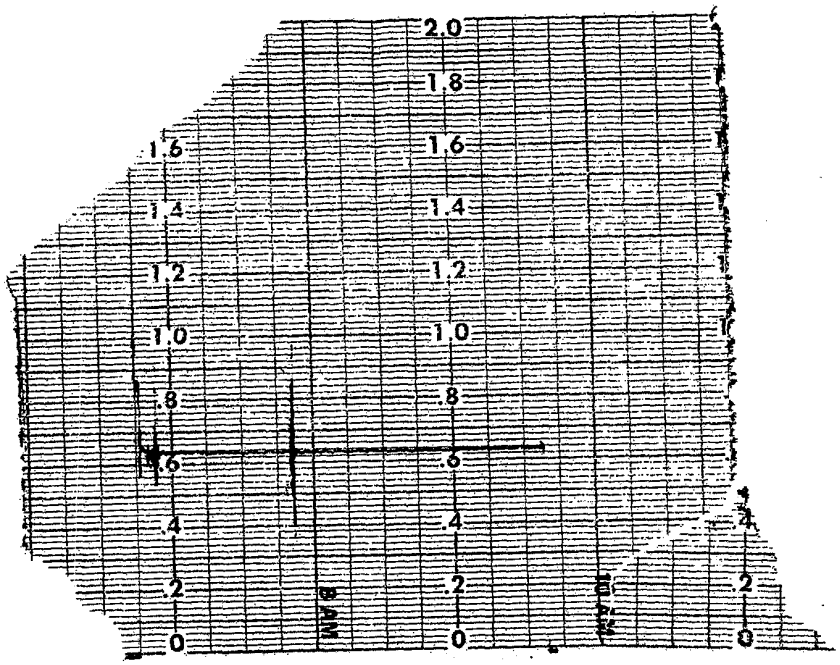


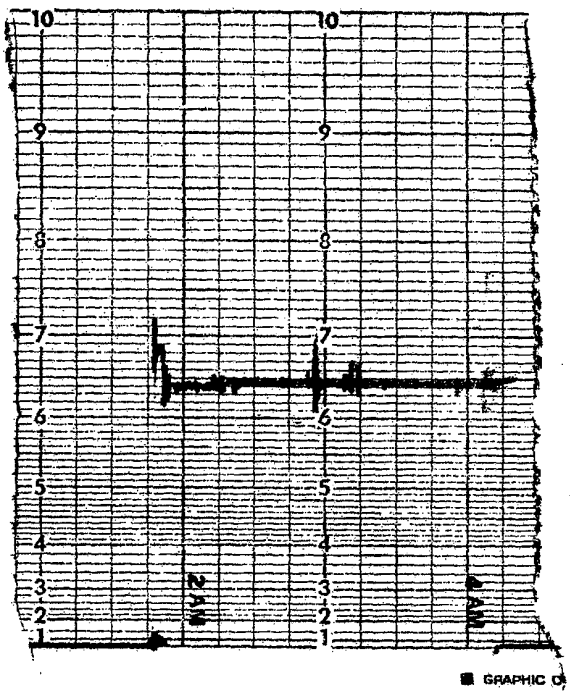


■ GRAPHIC C

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