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CG 03 CODE KY-787-D PKG 3404 3444 OR PROCESSES APPROVED BY: ( ) KY-787-D (T) FWP 09/27/82  
 10/11/82 (DATE) (LOT) COMTYF JOB NAME: 03KY787DMT

| 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, 62099, 150 # ON 6-3 OR GET FROM R/M.  
 EQUIP NAME: 'KROLOR' YELLOW-MEDIUM USE LBS N-CODE ACCT LBS

203 & 205 1. BEFORE USING SV MAKE SURE N-28-D LINE (HYDRO-CHLORIC ACID) IF ANY IS BLANKED OFF".  
 2. RUN 60" (990 G) WATER IN V-203. SET AGITATOR ON HIGH SPEED.  
 3. WEIGH IN DRUM & POUR IN (SODIUM SILICATE) 250 32-D 250  
 DUMP IN AND STIR 5 MIN (CHROME YELLOW MEDIUM) 50X50 YC-2-B 2500  
 RECORD: START 7:20:43 LOT 32043 40 2600  
 FIN 7:20:43 10 500  
 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 42" & 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 110. PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV.  
 RECORD: TIME START 5:25:10 TOTAL MINUTES 180  
 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 112. SP STEP 01 - SET FORMULA SELECTOR TO POSITION 2 (V-243) OR POSITION 7 (V-244)  
 & CP 113. PRESS SV CAN RESET FB - SET 22 TC IN AUTO  
 3 114. REMOTE (TEMP IS SET AT 190-194°F)  
 RECORD LEVELS & SET R/M COUNTER #1 AS FOLLOWS:  
 A. 11LG 82% PRESET #1 32 GAL (LIQUID ALUM) 115-D 113  
 B. 13LG 56% PRESET #6 141 GAL (CALCIUM CHLORIDE 77%) 20-A  
 115. SET STRIKE FLOW CONTROLLERS AS FOLLOWS:  
 2FC10 (N-27-D -SULFURIC ACID 60%- CONTROLLER) 27-D 213  
 IN MANUAL 0.64 GPM  
 2FC20 (N-27-D WATER) IN MANUAL LOCAL 8.36 GPM  
 2FC10 (N-27-D/WATER) RATIO 1.31  
 2FC10 (N-32-D CONTROLLER) IN MANUAL 0.84 GPM 32-D 1425  
 2FC20 (N-32-D WATER) IN MANUAL LOCAL 7.40 GPM  
 2FC20 (N-32-D WATER) IN REMOTE  
 2FC10 (N-32-D/WATER) RATIO 1.76  
 116. OPERATOR STEP FB

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EQUIP | PAGE 2 \* CG 03 KY-787-D | USE | N- | USE  
MENT | | LBS | CODE | LBS

320 17 RECORD LEVEL 2LG 48% 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 11.1 ASSUME 50% 50 7-D 25  
120 OPERATOR STEP PB

21 SP STEP 06/39. AFTER HEAT-UP RECORD: PH 9.8  
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 11:25 PM  
26 OPERATOR STEP PB  
27 DURING STRIKE RECORD:  
SP STEP  
V-243/V-244  
13/46 (30 MIN) PH 9.5 RANGE 9.0-10.0 TIME 11:05  
14/47 (60 MIN) PH 9.5 RANGE 9.0-10.0 TIME 12:25  
15/48 (2 HRS) PH 9.7 RANGE 9.0-10.0 TIME 1:25  
16/49 (2 HRS, 25 MIN) PH 9.7 RANGE 9.0-10.0 TIME 1:50  
17/50 (FINAL 3 HRS) PH 8.5 RANGE 7.5-8.5 TIME 2:25  
NOTE: IF PH NOT IN RANGE, NOTIFY SUPV & NOTE  
IN LOG. IF FINAL PH 78.5, 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 47" & 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 ASSUME 50% 160 7-D 80

137 SP STEP 17/50 AFTER CHECKING PH, OPERATOR PB.  
138 SIFT IN (BLAND FIXE N) 110 128-A 110  
SV 139 SP STEP 23/53. RECORD: PH 4.1 (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 9.3 (9.0-9.5). ADJ IF NECESSARY &  
RECORD: PH ASSUME 77% 27-D  
(DILUTE 10 PARTS WATER TO 1 PART) ASSUME 50% 7-D  
(SIPHON N-7-D INTO SV)  
142 OPERATOR STEP PB  
143 SIFT IN BLEND BACK: KY-787-D, 82599, 150 #  
144 SP STEP 29/58. RECORD: PH 9.1 & TIME 3:15 AM  
145 OPERATOR STEP PB  
146 SP STEP 60. BATCH COMPLETE.

10:14-82 11:00 PM 3:25 AM 4:28-909  
START 7:00 AM FINISH 3:00 PM OPTR  
TIME SP STEPS SP TIME SP STEP 11:00 PM 5:00-801







