

| LOCATN | CG    | CODE | PQ | LOT    | DRY WEIGHT | DRY CNT | NO. PKG | PKG WGT | TOTAL WEIGHT | ACTUAL USE LBS |
|--------|-------|------|----|--------|------------|---------|---------|---------|--------------|----------------|
| ==     | ===== | ==   |    |        | =====      | =====   | ==      | ==      | =====        | =====          |
| ---    | ----- | ---  |    | U2D-42 | 2200       | 100.00  | ---     | ---     | ---          | ---            |
| ---    | ----- | ---  |    | 12D45  | 300        | 100.00  | ---     | ---     | ---          | ---            |
| ---    | ----- | ---  |    |        |            | 100.00  | ---     | ---     | ---          | ---            |

NOT TO BE DUMPED IN U-203.

| EQUIP     | NAME : "KROLOR" YELLOW-MEDIUM                                                                                                                                                                                                                                                                                                                                            | USE<br>LBS  | N-<br>CODE    | ACCT<br>LBS |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
|           | "BEFORE USING SV MAKE SURE N-28-D LINE (HYDRO-CHLORIC 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 <u>4:05 P.M.</u> LOT <u>12D43</u>                                                                                                                                                                                                                                                                                                                          | <u>2900</u> |               |             |
|           | FIN <u>4:35 P.M.</u> <u>12D45</u>                                                                                                                                                                                                                                                                                                                                        | <u>300</u>  |               |             |
|           | 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 <u>44</u> & ADJ TO 60" (2400 G)                                                                                                                                                                                                                                                                                                                      |             |               |             |
|           | 8 INSPECT HOMOG STRAINER & CLEAN IF NECESSARY                                                                                                                                                                                                                                                                                                                            |             |               |             |
| 205       | 1 RUN 10" (514 G) WATER INTO V-244 & START AGITATOR                                                                                                                                                                                                                                                                                                                      |             |               |             |
| SV        | 2 PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV.                                                                                                                                                                                                                                                                                                                        |             |               |             |
| 2         | RECORD: TIME START <u>11:20</u> TOTAL MINUTES <u>190</u>                                                                                                                                                                                                                                                                                                                 |             |               |             |
|           | NOTE: IF HOMOG PRESSURE FALLS BELOW 4800 PSI, 3-WAY VALVE WILL RECIRCULATE SLURRY TO V-205                                                                                                                                                                                                                                                                               |             |               |             |
|           | 3 WHEN V-205 MT, RUN IN 5" (240 G) WATER & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV                                                                                                                                                                                                                                                                                      |             |               |             |
| SP & CP   | 12 SET 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)                                                                                                                                                                                                                                                                                           |             |               |             |
| 3         | 14 RECORD LEVELS & SET R/M COUNTER #1 AS FOLLOWS:<br>A. 11LG <u>2.8</u> % PRESET #1 32 GAL (LIQUID ALUM)<br>B. 13LG <u>3.2</u> % PRESET #6 141 GAL (CALCIUM CHLORIDE 77%)                                                                                                                                                                                                |             | 115-D<br>20-A | 168<br>141  |
|           | 15 SET STRIKE FLOW CONTROLLERS AS FOLLOWS:<br>3FC10 (N-27-D -SULFURIC ACID 60%- CONTROLLER) IN MANUAL 0.64 GPM<br>3FC20 (N-27-D WATER) IN MANUAL LOCAL 8.36 GPM<br>3FR10 (N-27-D/WATER) RATIO 1.31<br>3EC10 (N-32-D CONTROLLER) IN MANUAL 0.84 GPM<br>3EC20 (N-32-D WATER) IN MANUAL LOCAL 7.40 GPM<br>3EE20 (N-32-D WATER) IN REMOTE<br>3FR10 (N-32-D/WATER) RATIO 1.76 |             | 27-D<br>32-D  | 213<br>1425 |
| 116       | 1 OPERATOR STEP PB                                                                                                                                                                                                                                                                                                                                                       |             |               |             |

EQUIP PAGE 2 CG 03 KY-787-D V-244 USE N- USE  
MENTI LBS CODE LBS

320 17 RECORD LEVEL 2LG 8.4 % 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 11.2 ASSUME 50% 64 7-D 32  
120 OPERATOR STEP PB

21 SP STEP 06/39. AFTER HEAT-UP RECORD: PH 9.6  
SV 22 SWITCH 3FC20, 8FC10, & 8FC20 TO AUTO  
SP 23 OPERATOR STEP PB 4:15A  
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 PH RANGE TIME  
13/46 (30 MIN) 9.2 9.0-10.0 4:45A  
14/47 (60 MIN) 9.2 9.0-10.0 5:15A  
15/48 (2 HRS) 9.0 9.0-10.0 6:15A  
16/49 (2 HRS, 25 MIN) 9.0 9.0-10.0 6:40A  
17/50 (FINAL 3 HRS) 8.7 7.5- 8.5 7:15A  
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 365 530-A 365  
IN VENT STACK BEFORE DUMPING.  
339 30 ADJ TO 49" (382 G) AT 80-100°F  
6 31 STIR 5 MIN & RECORD: PH 10.0 (9.5-10.5)  
32 STIR 15 MIN OR LONGER FOR SP STEP 26  
33 RECORD: VOL 49 \* & CALC 49 \* X 0.78 = 38.2 GAL  
34 SET PRESET #8 TO 38.2 GAL FROM S 33

385 35 RUN 47" (360 G) WATER INTO V-385  
7 36 ADD & STIR 2 MIN FOR S 40 ASSUME 50% 120 7-D 80

37 SP STEP 17/50 AFTER CHECKING PH, OPERATOR PB  
38 SIFT IN (BLAND FINE N)  
SV 39 SP STEP 23/53. RECORD: PH 3.8 (3.7-4.2)  
SP 40 RUN IN N-7-D FROM S 36 IN 10-12 MIN & STIR 5  
MIN  
8 41 RECORD: PH 9.4 (9.0-9.5). ADJ IF NECESSARY &  
RECORD: PH 9.1 ASSUME 77%  
(DILUTE 10 PARTS WATER TO 1 PART) ASSUME 50% 30 27-D 23  
(SIPHON N-7-D INTO SV)  
42 OPERATOR STEP PB  
43 SIFT IN BLEND BACK: KY-787-D K2153, 150 #  
44 SP STEP 29/58. RECORD: PH 9.2 & TIME 8:50AM  
45 OPERATOR STEP PB  
46 SP STEP 60. BATCH COMPLETE.

9-28-82 7:00AM 11PM 7AM 126-120  
START TIME SP STEP FINISH TIME SP STEP  
8:00PM 12:00PM 320129







