

CG 04 CODE KO-909-D PKG PROCESSES APPROVED BY
 EST'D WGT 5296 LBS NOV 19 80 37940 () KO-909-D (C) FWP 11/3/80
 STANDARD HRS. TIME 11A M TYPED BY: FWP 11/3/80

CG CODE PQ LOT LBS
 01 YC016B 93 37372 450
 01 YC016B 93 33653 100
 01 YC016B 93 37373 3806

01 YC-16-B 30982 250
 Homo L H2 - 1st PASS
 We have checked
 NOV 20 1980

TOTAL EST'D WGT 5296 REQ. NO. () NON-BLEEDING

EQUIP	NAME : "KROLOR" ORANGE Y	USE LBS	NCODE	ACCT LBS
211	1 RUN 60" (990 G) WATER IN V-211. SET AGITATOR ON HIGH SPEED			
208	2 WEIGH IN DRUM AND POUR IN DUMP IN AND STIR 5 MINS. RECORD: START 7:50 AM. FIN 9: AM.	480	983-D	480
	3	450	YC16B	3700
	4	100		3700
	5	3100		
	6	250		
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N34634

V-247

✓ 21 WHILE HEATING SV, RUN 49" (1348 G) WATER INTO
 343 V-343
 & ✓ 22 METER IN FROM V-386 M 68, 88324/GAL, 351/GAL 27-D 373
 386 ✓ 23 STIR 15 MIN OR LONGER 310
 5 ✓ 24 RECORD: DENSITY 1.017 G/ML (1.018-1.020)
 (1.015-1.017)

✓ 25 WHEN S 20 HEATING COMPLETE, RECORD: PH 10.1
 ✓ 26 SET V-343 ACID PUMP AT 69 SETTING (225 MIN)
 ✓ 27 SET V-349 SILICATE PUMP AT 54 SETTING (180 MIN)
 ✓ 28 IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV
 AT 190-194°F DURING STRIKE
 ✓ 29 RECORD:

	START	FINISH	MINUTES
V-343	1:05 PM	4:00 PM	2:45
V-349	12:10 PM	3:15 PM	1:05
TIME	V-343	V-349	SV NORMAL
	INCHES	INCHES	PH PH
AT 20 MIN	12:25 (46)	(17)	9.9 (9.3-10.0)
40 MIN	12:45 (41)	(15)	9.7 (9.3-10.0)
1 HR	1:05 (37) +	(13) +	9.7 (9.3-10.0)
2 HRS	2:05 (23)	(6)	9.5 (9.3-10.0)
3 HRS	3:05 (10) 12	(0)	9.4 (9.3-10.0)
FINISH	3:50 (0)		7.4 (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 & RECORD: PH

ASSUME 77%

27-D

130 DUMP IN

50 128-A 50

385 ✓ 31 RUN 40" (308 G) WATER INTO V-385 & HEAT TO
 7 135-140°F
 ✓ 32 DUMP IN & STIR TO DISSOLVE FOR S-61 477 15-A 477

302 ✓ 33 ADD 38" (465 G) WATER TO V-302 148
 8 ✓ 34 ADD & STIR FOR 2 MIN FOR S 64 ASSUME 50% 148 1217-D 148

✓ 35 DURING STRIKE PUMP INTO PT 482 169-A 482
 PT ✓ 36 PUMP IN 54 155-A 54
 9 ✓ 37 PUMP IN 54 160-A 54
 ✓ 38 STIR 10 MIN WITH LIGHTENING MIXER FOR S 42

✓ 39 DURING STRIKE RUN 15" (268 G) WATER INTO V-356
 ✓ 40 TURN ON STEAM
 356 ✓ 41 ADJ TO 21" (366 G) AT 81-82°C
 10 ✓ 42 PUMP PT MIXTURE FROM S 38 THRU UNDERSURFACE
 DISTRIBUTORS AS FAST AS POSSIBLE
 ✓ 43 RINSE PT WITH HOT WATER FROM HOT WATER MIXER
 & PUMP IN
 ✓ 44 SHUT OFF PUMP
 ✓ 45 STIR 30 MIN AT 81-82°C FOR S 55
 ✓ 46 DO NOT SHUT OFF AGITATOR

USE
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LBS

- SV 147 WHEN V-349 MT, RINSE IN WITH MINIMUM WATER &
SET PUMP AT ZERO SETTING
- 11 148 WHEN V-343 MT, RINSE IN WITH MINIMUM WATER &
TURN OFF PUMP MOTOR
- 4110 149 STIR 60 MIN AT 190-194°F
- 150 HEAT TO 198-200°F IN 5-10 MIN
- 151 CLOSE WATER LINE & DISCHARGE VALVES AT STEARATE
PUMP
- 152 OPEN V-356 DISCHARGE VALVES TO STEARATE PUMP
INLET
- 153 OPEN WATER VALVE AT STEARATE PUMP & RUN WATER
THRU HOMOG AT 2900-3100 PSI TO SEWER
- 154 WHILE HOMOG WATER, OPEN HOMOG DISCHARGE VALVE
TO SV & CLOSE VALVE TO SEWER
- 155 IMMEDIATELY OPEN STEARATE PUMP DISCHARGE VALVE,
TURN ON PUMP & HOMOG V-356 TO SV AT 2900-3100
PSI. MAINTAIN SV AT 198-200°F.
- 156 WHILE HOMOG V-356 TO SV, SHUT OFF WATER VALVE
AT STEARATE PUMP ASAP
- 157 WHEN HOMOG COMPLETE, RINSE IN V-356 WITH HOT
WATER FROM HOT WATER MIXER
- 158 TURN OFF HOMOG & STEARATE PUMP
- 159 STIR 5 MIN AT 198-200°F
- 160 SHUT OFF STEAM
- 161 RUN IN V-385 FROM S-32 & STIR 5 MIN
- 162 RECORD: PH 3.0 (3.4-3.8)
- 163 IF NECESSARY, ADJ PH TO 3.4-3.8 (DOWNWARD ONLY)
& RECORD: PH
- 164 RUN IN N-7-D FROM S-34 IN 4-6 MIN & STIR 5 MIN
- 165 RECORD: PH 5.0 (6.2-6.4) & IF NECESSARY, ADJ
TO PH 6.2-6.4 & RECORD: PH 6.4. ASSUME 78%
(DILUTE 10 PARTS TO 1 WITH WATER) ASSUME 50%
SIPHON N-7-D INTO SV
- 166 DO NOT STOP AGITATOR

START	FINISH	OPER
3:00 PM	11:00 PM	322
11 PM	7 AM	282
7 AM	3:00 PM	54-223
3:00 PM	7:30 PM	144

18 27-D
18 721-D

18