

CG 04 CODE: KO-786-D PKG.

PROCESSES

APPROVED BY

JUL-1 36367

() KO-786-D (P)

FWP 5/22/80

EST'D WGT 862 LBS

() ()

STANDARD MRS. 10.5 TIME 11:AM

() ()

TYPED BY: FWP 5/22/80

CG	CODE	PQ	LOT	LBS
01	YC010B	93	35139	1800
01	YC010B	93	34410	650
01	YC010B	93	35778	1650
1010-B		93	35781	1650

PUNCHED & CHECKED

1111 - 3 1980

TOTAL EST'D WGT 4962

REQ. NO. (3487)

NON-BLEEDING

EQUIP	NAME : "KROLOR" ORANGE R	USE LBS	NCODE	ACCT LBS
211	1 RUN 60" (990 G) WATER IN V-211 & ADD ASSUME 50% & SET AGITATOR ON HIGH SPEED	30	7-D	15
208	2 WEIGH IN DUM AND POUR IN 3 DUMP IN AND STIR 5 MIN	270	32-D	270
	RECORD: TIME START 11:46 PM LOT 35139 FIN 1:30 PM 35778 35781	82X50 1800 1650 650	YC10B	4100
	4 ADJUST TO 75" (1075 G) 5 WITH AGITATOR ON HIGH SPEED PUMP V-211 THRU HOMOG AT 4800-5200 PSI INTO V-208 6 WHEN V-211 MT, WASH DOLER THRU HOMOG WITH MIN WATER AT 4800-5200 PSI INTO V-208 7 RECORD: V-208 VOL. 49" & ADJUST TO 50" (1840G) 8 INSPECT HOMOG STRAINER & CLEAN IF NECESSARY			
208	9 RUN 15" (771 G) WATER INTO V-247 START 10 AGITATOR & INSTALL TEMP CHART 11 PUMP V-208 THRU HOMOG AT 4800-5200 PSI INTO SV. RECORD: TIME START 2:40 P TOTAL MINUTES 2:15 NOTE: IF HOMOG PRESSURE FALLS BELOW 4800 PSI, 3-WAY VALVE WILL RECIRCULATE SLURRY TO V-208 12 WHEN V-208 MT, RUN IN 5" (240 G) WATER & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV			
349	112 WHILE HOMOG, RUN 6" (284 G) WATER INTO V-349 113 RUN 1000# WATER INTO V-384 & HEAT TO 110-120°F			
384	114 WEIGH INTO V-384 & PUMP TO V-349 115 RUN 1000# WATER INTO V-384 & PUMP TO V-349 3 116 ADJ V-349 TO 22" (1040 G) & STIR 15 MIN 117 RECORD DENSITY: 1.079 /ML (1.07B-1.081)	2400	32-D	2400
118	118 WHEN S-11 HOMOG COMPLETE, ADJ SV TO 66" (3400 G) 119 RECORD: PH 10.8 & ADJ TO 10.4-10.8 USING N-7-D DILUTED TO 5% (10 PARTS WATER TO 1 PART N-7-D) ASSUME 50% SIPHON N-7-D INTO SV & RECORD: PH ~ HEAT TO 190-194°F IN 55-65 MIN. & REC: HT 185°F & RECORD: 192°F		7-D	

N34524

V-247

LBS CODE LBS

342 24 WHILE HEATING SV, RUN 51" (1400 G) WATER INTO
 V-343
 343 22 METER IN FROM V-386 M 10.463 GAL 33.9 GAL 27-D 355
 344 23 STIR 15 MIN OR LONGER
 345 24 RECORD: DENSITY 1.020/ML ()

25 WHEN S 20 HEATING COMPLETE, RECORD: PH 10.2
 26 SET V-343 ACID PUMP AT 72 SETTING (225 MIN)
 27 SET V-349 SILICATE PUMP AT 66 SETTING (180 MIN)
 28 IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV
 SV AT 190-194°F DURING STRIKE
 29 RECORD: START FINISH MINUTES
 V-343 2:25 6:12.5 AM 240
 V-349 2:25 5:35.5 AM 190
 TIME V-343 V-349 SV NORMAL
 2:25 5:45 5:45 PH PH
 AT 20 MIN 2:45 (47) 4.8 (20) 10.0 (9.3-10.0) - 7.5
 40 MIN 3:05 (43) 4.4 (17) 10.0 (9.3-10.0) - 7.8
 1 HR 3:25 (38) 4.0 (15) 10.0 (9.3-10.0) - 8.5
 2 HR 4:25 (24) 3.8 (7) 10.0 (9.3-10.0) - 9.2
 3 HR 5:25 (10) 1.3 (0) 9.95 (9.3-10.0) - 9.8
 FINISH 6:25 (0) 7.6 (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

385 12 31" (238 G) WATER INTO V-385 & HEAT TO
 7 135-140°F
 13 PUMP ON & STIR TO DISSOLVE 300 15-A 300

302 122 ADD 40" (100 G) WATER TO V-302
 8 132 ADD & STIR 2 MIN 150 7-D 75

SV 134 WHEN V-349 MT, RINSE IN WITH MINIMUM WATER &
 SET PUMP AT ZERO SETTING
 9 135 WHEN V-343 MT, RINSE IN WITH MINIMUM WATER &
 TURN OFF PUMP MOTOR
 136 TURN OFF STEAM
 137 RUN IN V-385 FROM S 31 & STIR 5 MIN
 138 RECORD: PH 3.45 (3.3-3.7) & IF NECESSARY ADJ
 (DOWN ONLY) TO 3.3-3.7 & RECORD: PH 15-A
 NOTE: DISSOLVE EXTRA N-15-A IN WATER AT 135-140
 °F IN DRUM, USE 30 GAL WATER TO 50#
 N-15-A. STIR SV 5 MIN AFTER EACH ADDITION
 139 RUN IN N-7-D FROM S 33 IN 4-6 MIN & STIR 5 MIN
 140 RECORD: PH 4.2 (4.0-4.2) & IF NECESSARY ADJ TO
 PH 4.0-4.2. RECORD: PH 27-D
 DILUTE N-7-D 10 TO 1 WITH WATER ASSUME 77%
 SIPHON N-7-D INTO SV ASSUME 50% 7-D
 141 STOP AGITATOR

START
2 PM
3:00 P
11:00 P

FINISH
3 PM
11:00 P
7:00 AM

OPERATOR
381-282
27-348
235-237

V-297

