

AVK 77 FEB 3 1982

STANDARD HRS.

TIME M

COMTYF JOB NAME: 03KY790DMD

TOTAL EST'D WGT 4006* LBS. **SECOND MANUAL** NON-BLEEDING

EQUIP	NAME : "KROLOR" YELLOW-PRIMROSE	USE LBS	N- CODE	ACCT LBS
203	RUN 40" (992 G) WATER IN V-203. RUN AGITATOR ON HIGH SPEED.			
205	WEIGH IN DRUM & POUR IN DUMP IN & STIR 5 MIN.	415	32-D	415
263	RECORD: START <u>7:00</u> FIN <u>7:25</u> LDT <u>2494</u> <u>3301</u>	62X50 1500 1300	104-B	3100
4	ADJUST TO 75" (1275 G) & RECORD: PH <u>7.0-9.0</u> (7.0-9.0) NOTE: VOLUMES HIGHER THAN 75" WILL CAUSE DUSTING FROM DUMP 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 HOT WATER AT 2400-2600 PSI INTO V-205			
7	RECORD: V-205 VOL <u>50</u> " & ADJ TO 55" (2016 G)			
8	INSPECT HOMOG STRAINER & CLEAN IF NECESSARY			
205	RUN 4" (200 G) WATER INTO V-240 & START AGITATOR <u>V-263</u>			
SV	PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV. RECORD: TIME START <u>6:00 AM</u> TOTAL MINUTES <u>180</u>			
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. RINSE WITH HOT WATER.			
349	WHILE HOMOG, RUN 6" (284 G) WATER INTO V-349			
384	RUN 1000# WATER INTO V-384 & HEAT TO 110-120°F			
145	WEIGH INTO V-384 & PUMP TO V-349	2375	32-D	2375
146	RUN 1000# WATER INTO V-384 & PUMP TO V-349			
147	ADJ V-349 TO 28" (1324 G) & STIR 15 MIN			
147	RECORD DENSITY <u>1.063</u> G/ML (1.062-1.063)			
SV	WHEN S-11 HOMOG COMPLETE, ADJ SV TO 63" (3230 GAL)			
4	RECORD PH: <u>8.0</u>			
120	HEAT TO 190-194°F IN 55-65 MIN & REC: HT <u>192</u> *F & RECORD: <u>192</u> *F			
121	ADJUST PH TO 9.0-9.5 (UP ONLY) ASSUME 50% DILUTE N-7-D TO 5% (10 PARTS WATER TO 1 PART N-7-D). RECORD PH: <u>9.5</u>	40	7-D	20
	STRIKE MUST BE STARTED IMMEDIATELY AFTER PH ADJUSTMENT.		7-D	

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122 WHILE HEATING SV, RUN 67" (1943 G) WATER INTO
 343 V-343
 & 123 METER IN FROM V-386 **M.4** **2836**+/GAL **35.7** GAL 27-D 351
 386 124 STIR 15 MIN OR LONGER
 5 125 RECORD: DENSITY **1.014** G/ML (1.012-1.014)

126 SET V-343 ACID PUMP AT 93 SETTING (225 MIN)
 127 SET V-349 SILICATE PUMP AT 79 SETTING (180 MIN)
 128 IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV
 SV AT 190-194XF DURING STRIKE.
 6 129 RECORD: START FINISH MINUTES
 V-343 **12:15 AM**
 V-349 **12:45 AM** **355 AM** **190**
 TIME V-343 V-349 SV NORMAL
 INCHES INCHES PH PH
 AT 20 MIN **11:55 AM** (62) (25) **9.5** (9.3-10.0)
 40 MIN **1:25 AM** (56) (22) **9.5** (9.3-10.0)
 1 HR **1:45 AM** (50) (19) **9.6** (9.3-10.0)
 2 HRS **2:15 AM** (32) (9) **9.5** (9.3-10.0)
 3 HRS **3:15 AM** (14) (0) **9.5** (9.3-10.0)
 FINISH **4:30 AM** (0) **7.7** (7.5-8.5)

NOTE: IF PH DROPS BELOW 9.3 IN FIRST HOUR, STOP
 PUMPS & SEE SUPV. IF FINAL PH IS ABOVE 9.5,
 ADJ TO 7.5-8.3 & RECORD: _____ PH ASSUME 77 % 27-D

SV 130 WHEN V-349 MT, RINSE IN WITH MINIMUM WATER &
 SET PUMP TO ZERO SETTING
 8 131 WHEN V-343 MT, RINSE IN WITH MINIMUM WATER &
 TURN OFF PUMP MOTOR
 132 TURN OFF STEAM
 133 SIFT IN **150** **128-A** **150**
 134 RUN IN ALUM USING BADGER METER **236** **115-A** **118**
 135 FLUSH ALUM LINE WITH WATER
 136 RECORD: PH **3.5** (3.3-3.7) & IF NECESSARY ADJ
 (DOWN ONLY) TO 3.3-3.7 & RECORD: PH _____
 NOTE: USE LIQUID ALUM, N-115-A. ADD TO SV VIA
 BADGER METER. STIR 5 MIN AFTER EACH
 ADDITION. ASSUME 50% **115-A**
 137 RECORD: PH **4.4** (4.0-4.4) & IF NECESSARY ADJ TO
 PH 4.0-4.4 & RECORD: PH _____ ASSUME 77% **27-D**
 DILUTE N-7-D 10 TO 1 WITH WATER ASSUME 50% **7-D**
 SIPHON N-7-D INTO SV
 138 STOP AGITATOR

START **12:15 AM** FINISH **11:05 PM** OPERATOR **126-301**
11:15 PM **7: AM** **223-**

Note = wxt pump down for repairs -
 V240 pumped to V263 + rehomogenized
 on 2nd pass.

