

TIME 11:45 AM

		NON-BLEEDING		
EQUIP		USE	N-	ACCT
MENT	NAME : "KROLOR" YELLOW-LIGHT	LBS	CODE	LBS

SP	CP	DESCRIPTION	UNIT	VALUE
12		SP 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		
14		REMOTE (TEMP IS SET AT 190-194°F)		
3	14	RECORD LEVELS & SET R/M COUNTER #1 AS FOLLOWS:		
		A. 11LG 60% PRESET	95 GAL	115-D 504
			(LIQUID ALUM)	
15		SET STRIKE FLOW CONTROLLERS AS FOLLOWS:		
		3FC10 (N-27-D CONTROLLER - SULFURIC ACID 60%)		
		IN MANUAL	0.65 GPM	27-D 218
		3EC20 (N-27-D WATER) IN MANUAL LOCAL	5.2 GPM	
		3FR10 (N-27-D/WATER) RATIO	0.8	
		8FC10 (N-32-D CONTROLLER) IN MANUAL	0.87 GPM	32-D 147
		8FC20 (N-32-D WATER) IN MANUAL LOCAL	4.8 GPM	
		8FC20 (N-32-D WATER) IN REMOTE		
		8FR10 (N-32-D/WATER) RATIO	1.1	

EQUIP MENT	PAGE 2 CG 03 KY-908-D	USE LBS	N- CODE	ACCT. LBS
320	16 OPERATOR STEP PB			
SV	17 RECORD LEVEL 2LG 50% IF (35% FOLLOW SOLUTION			
SP	18 MAKE-UP PROCEDURE FOR N-27-D			
CP	19 ADJUST SV TO 47" (2400 G)			
	20 RECORD PH 9.8. ADJ TO 11.0-11.2 WITH N-7-D			
	(CAUSTIC SODA SOLN) AT 5% (10 PARTS WATER TO 1			
	PART N-7-D)			
4	21 SIPHON INTO SV. RECORD: PH 11.7 ASSUME 50%	50	7-D	25
	22 OPERATOR STEP PB			
SV	23 SP STEP 06/39. AFTER HEAT-UP RECORD: PH 9.7			
SP	24 SWITCH 3FC20, 8FC10, & 8FC20 TO AUTO			
	25 OPERATOR STEP PB			
	26 SP STEP 10/43. WHEN 3FC20, 8FC10 & 8FC20 FLOWS			
	ARE IN LIMITS, SWITCH 3FC10 TO AUTO & PB			
5	27 SP STEP 11/44. WHEN 3FC10 & 3FC20 FLOWS ARE IN			
	LIMITS, SWITCH 3FC20 TO REMOTE			
	28 OPERATOR STEP PB			
	29 DURING STRIKE RECORD: 9:30 AM			
	SP STEP			
	V-243/V-244			
	13/46 (30 MIN)	PH 9.4 RANGE 9.3-10.0 TIME 10:00 AM		
	14/47 (60 MIN)	9.4 9.3-10.0 10:30 AM		
	15/48 (2 HRS)	9.4 9.3-10.0 11:00 AM		
	16/49 (2 HRS, 25 MIN)	9.5 9.3-10.0 11:55 AM		
	17/50 (FINAL 3 HRS)	6.8 7.5-8.5 12:30 PM		
	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	
385	30 SIFT IN (BLANC FIXE N)	55	128-A	55
385	31 ADD 42" (320 G) WATER TO V-385			
6	32 ADD & STIR FOR 2 MIN FOR S 57 ASSUME 50%	240	7-D	130
	33 DURING STRIKE CHECK LEVEL IN V-387.			
387	34 IF LOW LEVEL LIGHT IS NOT LIT, GO TO S-35			
7	35 IF LOW LEVEL LIGHT IS LIT, VERIFY BY CHECKING			
	THAT LOW LEVEL PEG IN VAT IS ABOVE SURFACE			
	36 IF VISUAL CHECK CONFIRMS LOW LEVEL, FOLLOW			
	STEARATE MAKE-UP PROCEDURE.			
	37 RUN IN 25" (244 GAL). DO NOT MAKE UP THIS			
	SOLUTION MORE THAN 30 MINUTES IN ADVANCE.			
	DELAY BETWEEN END OF STEP 41 HEAT-UP AND			
	START OF STEP 48 HOMOGENIZATION SHOULD BE			
	LESS THAN 30 MINUTES.			
388	38 TURN ON STEAM & AGITATOR			
8	39 ADJUST TO 32" (317 GAL) AT 178-182°F			
	40 SET BADGER METER FOR 466#			
	41 PUMP IN FROM V-387 THRU UNDERSRFE DISTRIBUTORS	378	169-A	378
	AS FAST AS POSSIBLE (ISOBUTYL STEARATE, BUTYL	44	155-A	44
	STEARATE, EMCOL P-10-59)	44	160-A	44
	42 SHUT OFF PUMP			
	43 STIR 30 MIN AT 178-182°F FOR S 48			
	44 DO NOT SHUT OFF AGITATOR			

EQUIP MENT		PAGE 3 CG 03 KY-908-D	248	USE LBS	N- CODE	ACCT LBS
SV-143	WHEN S28 COMPLETE HEAT SV TO 198-200 DEG F IN					
144	5 TO 10 MIN					
SP-144	CLOSE WATER LINE & DISCHARGE VALVES AT STEARATE					
9-145	PUMP					
145	OPEN V-388 DISCHARGE VALVES TO STEARATE PUMP					
146	INLET					
146	OPEN WATER VALVE AT STEARATE PUMP & RUN WATER					
147	THRU HOMOG AT 2900-3100 PSI, TO SEWER					
147	WHILE HOMOG WATER AT 2900-3100 PSI, OPEN HOMOG					
	DISCHARGE VALVE TO SV AND CLOSE VALVE TO					
	SEWER					
148	IMMEDIATELY OPEN STEARATE PUMP DISCHARGE VALVE,					
	TURN ON PUMP & HOMOG V-388 TO SV AT 2900-3100					
	PSI. MAINTAIN SV AT 198-200°F.					
149	WHILE HOMOG V-388 TO SV, SHUT OFF WATER VALVE					
	AT STEARATE PUMP ASAP					
150	WHEN HOMOG COMPLETE, RINSE IN V-388 WITH HOT					
	WATER FROM HOT WATER MIXER					
151	WHEN S50 COMPLETE TURN OFF HOMOG & STEARATE					
	PUMP					
152	STIR 5 MIN AT 198-200°F					
153	SHUT OFF STEAM					
154	WHEN S53 COMPLETE, OPERATOR PB					
155	SP STEP 23/53 RECORD PH <u>2.6</u> (3.3-3.7)					
156	IF NECESSARY, ADJ PH TO 3.3-3.7 (DOWNWARD ONLY)					
	& RECORD: PH _____					
	NOTE: USE LIQUID ALUM, N-115-D. ADD TO SV VIA					
	BADGER METER. STIR 5 MIN AFTER EACH					
	ADDITION. ASSUME 50%				115-D	
157	RUN IN N-7-D FROM S-30 IN 10-12 MIN & STIR 5MIN					
158	RECORD: PH <u>4.0</u> (4.2-4.4) & IF NECESSARY, ADJ					
	TO PH 4.2-4.4 & RECORD: PH <u>4.2</u> ASSUME 50%			14	7-D	7
	(DILUTE 10 PARTS TO 1 WITH WATER) ASSUME 78%				27-D	
	SIPHON N-7-D INTO SV					
159	OPERATOR STEP PB					
160	OPERATOR STEP PB					
161	SP STEP 60 - BATCH COMPLETE					
START		FINISH		OPERATOR		
TIME	SP STEP	TIME	SP STEP			
11:00 PM		7:00 AM		409		
1:00 PM		3:00 PM		37342		
3:00 PM		4:40 PM		54-120		

