

STANDARD HRS.

TIME ----- M

COMTYP JOB NAME: 03KY907DMG

CG	CODE	PQ	LOT	LBS	CG	CODE	PQ	LOT	LBS
14	YC002B	93	13478	2000	14	YC002B	93		
14	YC002B	93	13479	2000	14	YC002B	93		
			13476	1000					
TOTAL EST'D WGT				7236					

NON-BLEEDING

EQUIP	NAME : "KROLOR" YELLOW MEDIUM	USE LBS	NCODE	ACCT LBS
203 & 205	1 RUN 60" (990 GAL) WATER INTO V-203 & ADD CAUSTIC 2 RUN AGITATOR ON HIGH SPEED 3 WEIGH SODIUM SILICATE INTO DRUM & POUR IN DUMP IN CHROME YELLOW & STIR 5 MIN RECORD: START 8:30 P.M. FIN 10:30 P.M. 13478 13479 13476	40	983-D	20
263	4 ADJUST TO 75" (1275 GAL) 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. 58" & ADJUST TO 60" (2100 GAL) 8 INSPECT HOMOG STRAINER & CLEAN IF NECESSARY	690	983-D	690
263	9 RUN 2" (200 GAL) WATER INTO V-262 START AGITATOR & INSTALL TEMP CHART 10 PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV. RECORD: TIME START 5:15 TOTAL MINUTES 120 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 GAL) WATER & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV	100X50	YC-2-B	5000
349 & 384	12 WHILE HOMOG, RUN 6" (284 GAL) WATER INTO V-349 13 RUN 1000# WATER INTO V-384 & HEAT TO 110-120°F 14 WEIGH INTO V-384 & PUMP TO V-349 15 RUN 1000# WATER INTO V-384 & PUMP TO V-349 16 ADJ V-349 TO 22" (1041 GAL) & STIR 15 MIN 17 RECORD DENSITY: 1.128 G/ML (1.128-1.129)	3970	983-D	3970
SV & 4	18 WHEN S-11 HOMOG COMPLETE, ADJ SV TO 24" (2420 GAL) 19 RECORD: PH 10.8 & ADJ TO 11.1-11.3 WITH CAUSTIC AT 5% (10 PARTS WATER TO 1 PART N-7-D) ASSUME 50% 20 SIPHON N-7-D INTO SV & RECORD: PH 11.1 HEAT TO 190-194°F IN 55-65 MIN & REC: HT 190°F & RECORD: 190°F NOTE: STRIKE MUST BE STARTED IMMEDIATELY ON ON COMPLETION OF HEATING	8	7-D	4
343 & 386	21 WHILE HEATING SV, RUN 39" (1070 GAL) WATER INTO V-343 22 METER IN SULFURIC ACID FROM V-386 MK31 9642# GAL 59.6 23 STIR 15 MIN OR LONGER 24 RECORD: DENSITY 1.037 G/ML (1.037-1.039)		27-D	575

U-262

EQUIP	PAGE 2	CG 03	KY-907-D	EST WGT 72364	USE LBS	N- CODE	USE LBS
-------	--------	-------	----------	---------------	------------	------------	------------

SV	25	WHEN S 20 HEATING COMPLETE, RECORD: PH	9.3				
	26	SET V-343 ACID PUMP AT 57 SETTING (225 MIN)					
	27	SET V-349 SILICATE PUMP AT 62 SETTING (180 MIN)					
	28	IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV					
		AT 190-194°F DURING STRIKE					
	29	RECORD:					
		V-343	START	FINISH	MINUTES		
		V-349	9:00 AM	11:00 PM	200		
		V-343	V-349	SV	NORMAL		
		TIME INCHES	INCHES	PH	PH		
6		AT 20 MIN	9:20	(36)	(20)	9.9	(9.3-10.0)
		40 MIN	9:40	(33)	(17)	9.9	(9.3-10.0)
		1 HR	10:00	(29)	(15)	9.8	(9.3-10.0)
		2 HR	11:00	(19)	(7)	9.8	(9.3-10.0)
		3 HR	12:00	(8)	(0) +2	9.7	(9.3-10.0)
		FINISH	12:45	(0)	(0)	8.0	(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					
						ASSUME 77%	
	30	SIFT IN			200	27-D	200
385	31	RUN 40" (308 G) WATER INTO V-385 & HEAT TO					
7		135-140°F					
	32	DUMP IN & STIR TO DISSOLVE FOR S-60			330	15-A	330
302	33	ADD 17" (208 G) WATER TO V-302					
B	34	ADD & STIR FOR 2 MIN FOR S 62			ASSUME 50%	120	7-D 60
	35	DURING STRIKE PUMP INTO PT			660	169-A	660
PT	36	PUMP IN			72	155-A	72
9	37	PUMP IN			72	160-A	72
	38	STIR 10 MIN WITH LIGHTENING MIXER FOR S 42					
	39	DURING STRIKE RUN 18" (317 G) WATER INTO V-356					
	40	TURN ON STEAM					
356	41	ADJ TO 23" (403 G) AT 81-82°C					
10	42	PUMP BT MIXTURE FROM S 38 THRU UNDERSURFACE DISTRIBUTORS AS FAST AS POSSIBLE					
	43	RINSE BT WITH HOT WATER FROM HOT WATER MIXER & PUMP IN					
	44	SHUT OFF PUMP					
	45	STIR 30 MIN AT 81-82°C FOR S 54					
	46	DO NOT SHUT OFF AGITATOR					

EQUIP

PAGE 3 CG 03 KY-907-D EST WGT 7236#

USE
LBSN-
CODEUSE
LBS

- SV 47 WHEN V-349 MT, RINSE IN WITH MINIMUM WATER &
SET PUMP AT ZERO SETTING
11 48 WHEN V-343 MT, RINSE IN WITH MINIMUM WATER &
TURN OFF PUMP MOTOR
49 HEAT TO 198-200°F IN 5-10 MIN
50 CLOSE WATER LINE & DISCHARGE VALVES AT STEARATE
PUMP
51 OPEN V-356 DISCHARGE VALVES TO STEARATE PUMP
INLET
52 OPEN WATER VALVE AT STEARATE PUMP & RUN WATER
THRU HOMOG AT 2900-3100 PSI TO SEWER
53 WHILE HOMOG WATER, OPEN HOMOG DISCHARGE VALVE
TO SV & CLOSE VALVE TO SEWER
54 IMMEDIATELY OPEN STEARATE PUMP DISCHARGE VALVE,
TURN ON PUMP & HOMOG V-356 TO SV AT 2900-3100
PSI. MAINTAIN SV AT 198-200°F.
55 WHILE HOMOG V-356 TO SV, SHUT OFF WATER VALVE
AT STEARATE PUMP ASAP
56 WHEN HOMOG COMPLETE, RINSE IN V-356 WITH HOT
WATER FROM HOT WATER MIXER
57 TURN OFF HOMOG & STEARATE PUMP
58 STIR 5 MIN AT 198-200°F
59 SHUT OFF STEAM
60 RUN IN V-385 FROM S-32 & STIR 5 MIN
RECORD: PH 3.6 (3.3-3.7)
61 IF NECESSARY, ADJ PH TO 3.3-3.7 (DOWNWARD ONLY)
& RECORD: PH _____
62 RUN IN N-7-D FROM S-34 IN 4-6 MIN & STIR 5 MIN
RECORD: PH 4.2 (4.2-4.4) & IF NECESSARY, ADJ
TO PH 4.2-4.4 & RECORD: PH _____ ASSUME 78%
(DILUTE 10 PARTS TO 1 WITH WATER) ASSUME 50%
SIPHON N-7-D INTO SV
63 DO NOT STOP AGITATOR

START

FINISH

OPERATOR

1145
700A2AM
2195 P282
126-289

STEP V-262 (20 RPM) V-243, 244, 246, 247
9 2"
18 24" 47"

27-D
7-D

59 6
37.6
—
220
—
59.6