CG:03 : CODE KY-908-D

MAY -0-81- Σ1033

STANDARD HRS. TIME _____ M

9 ⓪12 1/P

( ) KY-908-D (E) FWP 04/08/81
( ) ( )
( ) ( )

JOB NAME: 03KY908DME

CG	CODE	PQ	LOT	LBS
14	YC003B	93	14030	2000
14	YC003B	93	13069	600
14	YC003B	93		

Homog #4 — 1ST Pass
" #3 - 2nd "

TOTAL EST'D WGT 3549 NON-BLEEDING

EQUIP		NAME : "KROLOR" YELLOW LIGHT	USE LBS	NCODE	ACCT LBS
203 & 205	1	RUN 60"(990 GAL) WATER INTO V-203 RUN AGITATOR ON HIGH SPEED			
	2	WEIGH SODIUM SILICATE INTO DRUM & POUR IN	345	32-D	345
	3	DUMP IN CHROME YELLOW & STIR 5 MIN	52X50	YC-3-B	2600
		RECORD: START 12:35 AM	2000		
1		FIN 1:30 AM	600		
	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. 41 " & ADJUST TO 60"(2100 GAL)			
	8	INSPECT HOMOG STRAINER & CLEAN IF NECESSARY			
208 & SV	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 10:45 A TOTAL MINUTES 180			
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 GAL) WATER & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV			
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	1215	32-D	1215
	15	RUN 1000# WATER INTO V-384 & PUMP TO V-349			
3	16	ADJ V-349 TO 14" (662 GAL) & STIR 15 MIN			
	17	RECORD DENSITY: 1.063 G/ML (1.063-1.065)			
SV	18	WHEN S-11 HOMOG COMPLETE, ADJ SV TO 24 (2420 GAL)			
	19	RECORD: PH 10.1 & ADJ TO 11.0-11.2 WITH CAUSTIC AT 5% (10 PARTS WATER TO 1 PART N-7-D)			
4		ASSUME 50%	40	7-D	20
		SIPHON N-7-D INTO SV & RECORD: PH 11.1			
	20	HEAT TO 190-194*F IN 55-65 MIN & REC:HT 192 *F & RECORD: 192 *F			
		NOTE: STRIKE MUST BE STARTED IMMEDIATELY ON ON COMPLETION OF HEATING			
	21	WHILE HEATING SV, RUN 31" (850 GAL) WATER INTO V-343			
343 & 386	22	METER IN SULFURIC ACID FROM V-386 MK 13-10.903 GAL 16.5 GAL		27-D	180
	23	STIR 15 MIN OR LONGER			
5	24	RECORD: DENSITY 1.015 G/ML (1.014-1.016)			

EQUIP		PAGE 2 CG 03 KY-908-D EST WGT 3549# V-262	USE LBS	N-CODE	USE LBS
	25	WHEN S 20 HEATING COMPLETE, RECORD: PH 9.8			
	26	SET V-343 ACID PUMP AT 56 SETTING (180 MIN)			
	27	SET V-349 SILICATE PUMP AT 49 SETTING (145 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 3:10 P.M 6:15 P.M 185			
		V-349 3:10 P.M 5:35 P.M 145			
		TIME V-343 INCHES V-349 INCHES SV PH NORMAL PH			
		AT 20 MIN 3:30 P (28) 1 (12) 2 9.6 (9.3-10.0)			
		40 MIN 4:50 P (24) 26 (10) 10 9.6 (9.3-10.0)			
6		1 HR 5:10 P (21) 22 (8) 9 9.6 (9.3-10.0)			
		2 HR 6:10 P (10) 10 (3) 3 9.6 (9.3-10.0)			
		FINISH 6:10 P (0) 0 (0) 0 8.5 (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%		27-D	
	30	SIFT IN	50	128-A	50
385	31	RUN 27" (210 G) WATER INTO V-385 & HEAT TO			
7		135-140*F			
	32	DUMP IN & STIR TO DISSOLVE FOR S-60	415	15-A	415
302	33	ADD 24" (294 G) WATER TO V-302			
8	34	ADD & STIR FOR 2 MIN FOR S 62 ASSUME 50%	100	7-D	50
	35	DURING STRIKE PUMP INTO PT	312	169-A	312
PT	36	PUMP IN	36	155-A	36
9	37	PUMP IN	36	160-A	36
	38	STIR 10 MIN WITH LIGHTENING MIXER FOR S 42			
	39	DURING STRIKE RUN 14" (244 G) WATER INTO V-356			
	40	TURN ON STEAM			
356	41	ADJ TO 18" (317 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 54			
	46	DO NOT SHUT OFF AGITATOR			

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		V-262	USE LBS	IN-CODE	USE 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-305 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			
	63	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	✓	27-D 7-D	✓
	64	DO NOT STOP AGITATOR			

START	FINISH	OPERATOR
600A	700A	409-126
7:00A	3:00P	244-235

STEP V-262 (20 RPM) V-243,244,246,247

9	2"	4"	
18	3:00 P.M	8:30 PM	47" 381-201

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