

11/13/82

CG 16 CODE RC-3-A PKG

PROCESSES

APPROVED BY

JAN 13 1982

A2J37

() RC-3-A

(C)

BBK 11/5/81

{ DATE }

(LOT NUMBER)

TYPED BY: JMH

EST. WT. 1729* LBS.

STANDARD HRS.

TIME

7A

PREPARATION NOTES:

EQUIP MENT		NAME: MONASTRAL RED B	5 PAGES	USE LBS	N-CODE	ACCT LBS
PREP	1	INSTALL TEMP & AMP CHARTS				
	2	WEIGH +/-600# OF RC-1/RC-3 BORAX SLUDGE FOR S5				
	3	DIP LIQUID FROM SLUDGE & ADD TO CLASSIFIER INTAKE				
	4	OBTAIN +/-200# CHOPPED ICE FOR S13-B				
HF MILL	5	SHOVEL 600# OF BORAX SLUDGE (EQUIVALENT TO +/-300# 100% BROAX) INTO HF MILL. NOTE: TOTAL WEIGHT INCLUDES LIQUID REMOVED IN S3.				
	6	ADD		18	834-B	0
	7	START COOLING WATER SPRAY				
	8	STIR 3-5 MIN TO UNIFORMITY				
	9	STOP AGITATOR & DUMP IN. NOTE: RECORD: LOT, #100%, & "AS IS LBS" IN S35.		130	7500-A	0
	10	STIR 3-5 MIN TO UNIFORMITY				
	11	ADD IN 5-10 MIN WHILE AGITATING		300	972-A	0
	12	IMMEDIATELY START MILLING CYCLE				
	13	STIR 4 HOURS, MAINTAINING 38-42 AMPS AND 110-130 DEG F.				
		N-7500-A LOT	MILLING HOURS			
		ANY	4 HRS			
		A. AFTER 1/2 HR MILLING ADD N-972-A OR TRICKLE IN WATER TO MAINTAIN 38-42 AMPS. DO NOT ADD N-972-A AT LESS THAN 10 MIN INTERVALS. RECORD ADDITIONAL N-972-A USED IN S35.				
		B. IF NECESSARY, ADD N-57-A TO MAINTAIN 110-130 DEG F.				
		C. IF CAKE FORMS, STOP AGITATOR, SCRAPE MILL WALL TO PERMIT HEAT TRANSFER.				
		D. RECORD NECESSARY DATA IN S19, 20, 35 AND PAGE 5.				

(JL)

EQUIP MENT		PAGE 3 OF 5 CG 16 CODE RC-3-A (C)	USE LBS	N-CODE	ACCT LBS
13/14	23	PUMP 2 CHARGES FROM HF MILLS TO V13 OR V14			
8	24	WASH OUT HF MILLS, WITH HEATED WATER FROM V11			
	25	ADJ TO 24" (408G) AT 140-150 DEG F			
	26	IMMEDIATELY COOL TO 75-80 DEG F	6X330	57-A	0
	27	RECORD DATE ON BOTTOM OF PAGE 5			
CLASS	28	BACK WASH LINES FROM CLASSIFIERS TO V-13 OR V-14			
9	29	PLACE 55 GAL DRUM UNDER SLUDGE DISCHARGE & START MOTOR			
	30	OPEN INLET VALVE & RUN V-13 OR V-14 THRU CLASSIFIER TO V-10 AT 2.5-3.0 GPM			
	31	WHEN DRUM CONTAINS +/-45G OF SLUDGE, CHANGE DRUM, WEIGH & RECORD IN TABLE ON BOTTOM OF PAGE 5			
	32	WHEN V-13 OR V-14 IS MT, CLOSE FEED VALVE & BACKWASH LINE TO VAT FOR 1/2 MIN.			
	33	OPEN FEED VALVE & DRAIN VAT TO CLASSIFIER, DO NOT WASH IN VAT. NOTE: 4 OR FEWER HF MILL CHARGES MAY BE RUN FROM V-13 OR V-14 TO V-9 OR V-10, WITHOUT TREATMENT OR CLASSIFICATION. RECORD:			
		CHARGE NO. _____			
MISC	34	REPEAT S'S 1-23 UNTIL 14 CHARGES ARE COLLECTED. ****CAUTION**** AFTER 9TH CHARGE WATCH VOLUME IN V-10.			
10					
		*****CONTINUE TO NEXT PAGE FOR CHART*****			

EQUIP MENT	PAGE 4 OF 5 CG 16 CODE RC-3-A (C)										USE LBS	N-CODE	ACCT LBS	
MISC 11	35	CHARGE OUT RAW MATERIALS BELOW												
				RECORD SLUDGE				N-7500-A						
	CHG NO.	MILL NO.	N834 #	AS IS	# 100%	N #	LOT	# 100%	%	AS IS	N57A #	OPTR #		
	1	1	18	600	300	300	7613	130	99.5	131	2310	233		
	2	2	18	600	300	300	7613	130	99.5	131	2310	233		
	3	1	18	600	300	300	7614	130	99.4	130	2310	69	972-A 4200	
	4	2	18	600	300	300	7614	130	99.4	130	2310	69		
	5	1	18	600	300	300	7614	130	99.4	131	2310	105	834-B 252	
	6	2	18	600	300	300	7614	130	99.4	131	2310	105		
	7	1	18	600	300	300	7614	130	99.4	131	2310	196	7500-A 1831	
	8	2	18	600	300	300	7614	130	99.4	131	2310	196		
	9	1	18	600	300	300	7610	130	99.4	130	2310	69	57-A 17860	
	10	2	18	600	300	300	7610	130	99.4	130	2310	69		
	11	1	18	600	300	300	7614	130	99.4	131		58		
	12	2	18	600	300	300	7614	130	99.4	131	2310	58		
	13	1	18	600	300	300	7614	130	99.4	131		55		
	14	2	18	600	300	300	7614	70	99.4	71		55		
	14	2	—	—	—	—	7610	60	99.4	61		55		
	TOT		252			4200	1831				17860			
	36	ENTER RAW MATERIAL TOTALS IN "ACCT LBS" COLUMN												

V-10 12 37 HEAT V-10 TO 150-160 DEG F

V-9 138 PUMP V-10 TO V-9 CAUTION DO NOT OVERFLOW V9
 -13 139 START AGITATOR
 140 ADJ TO +/-50" MAINTAINING 150-160 DEG F
 141 RINSE IN V-10 & V-10 LINES
 142 CIRCULATE THRU SHRIVER THICKENERS TO 50"
 (2220G) AT 150-160 DEG F
 143 RECORD: START DATE 1-18-82 TIME 6:30 AM VOL 50
 144 CIRCULATE UNTIL EFFLUENT REACHES 3000 OHMS
 145 RECORD: FINISH DATE _____ TIME _____
 OHMS _____ PH _____ (8.4-9.0)
 TIME _____
 OHMS _____
 TIME _____
 OHMS _____
 NOTE: AFTER 16 HRS WASHING TAKE OHM READINGS
 EVERY 4 HRS
 146 SHUT OFF WATER

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*****CONTINUE TO NEXT PAGE FOR CHART*****					

EQUIP MENT		PAGE 5 OF 5 CG 16 CODE RC-3-A (C)	USE LBS	N-CODE	ACCT LBS
V-9	47	CIRCULATE THRU THICKENERS TO 23" (1012G)			
13	48	DISCHARGE INTO 55 GAL. DRUMS			
CONT	49	WHILE FILLING DRUM TAKE A 1 QT. JAR SAMPLE			
		& DELIVER TO CTL FOR D.C.			
	50	RUN 10" (450G) WATER INTO V-9			
	51	HEAT TO 158-162 DEG F			
	52	RECIRCULATE THRU SHRIVER FOR 15 MIN OR			
		UNTIL EFFLUENT IS CLEAR.			
	53	STOP AGITATOR			
		START FIN OPTR			

CHG		VOLUME	FINAL	N-57	SLUDGE
NO.	VAT	INIT	FINAL	USED	CLASS
1&2					
3&4					
5&6					
7&8					
9&10					
11&12					
13&14					

14- 450
1 128







