

OCT 25 1982

L2H38-

(DATE)

(LOT NUMBER)

EST. WT. ~~19 1/2~~ LBS.

TYPED BY: JMH
STANDARD HRS.

TIME 17

PUNCH B.I.P.: LOT L2H38-1 901# 654#
LOT L2H38-2 901# 654#
LOT L2H38-3 654#

PREPARATION NOTES:

EQUIP MENT	NAME: MONASTRAL RED B	5 PAGES	USE LBS	N-CODE	ACCT LBS
PREP 1	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 2	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 & AGITATOR				
	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 FOR HOURS SHOWN BELOW MAINTAINING 38-42 AMPS & 110-130 DEG F.				
	N-7500-A LOT	MILLING HOURS			
	avg	4.0			
	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.				

NOV 1 1982

NOV 1 1982

EQUIP MENT		PAGE 2 OF 5 CG 16 CODE RT-763-P (I)	USE LBS	N-CODE	ACCT LBS
CLASS 3	14	DURING S13 STIR, HOOK UP LINES FROM DORR CLASSIFIER TO V-10. NOTE: FEED VALVE MUST BE CLOSED.			
	15	OBTAIN TWO 55 GAL. DRUMS FOR S27.			
SHRIV 4	16	SET UP 20 PLATES EACH IN NO. 1 & NO. 2 SHRIVER THICKENERS			
HF MILL 5	17	ADD 5-10 GAL. WATER TO HF MILL. CAUTION: TOO MUCH WATER WILL CAUSE CHARGE TO SPLASH OVER EDGE OF MILL.			
	18	STOP AGITATOR & TURN OFF COOLING WATER.			
MISC 6	19	RECORD:			
		CHG # DATE START TIME START DATE FIN TIME FIN TOTAL MILL HRS			
		1 10-25-82 11:30 AM 10-25-82 3:30 PM 4 HRS			
		2 10-25-82 6:00 PM 10-25-82 10:00 PM 4 HRS			
		3 10-25-82 6:00 PM 10-25-82 10:00 PM 4 HRS			
		4 10-26-82 1:00 AM 10-26-82 5:00 AM 4 HRS			
		5 10-26-82 1:00 AM 10-26-82 5:00 AM 4 HRS			
		6 10-26-82 11:15 AM 10-26-82 3:15 PM 4 HRS			
		7 10-26-82 11:15 AM 10-26-82 3:15 PM 4 HRS			
		8 10-26-82 6:00 PM 10-26-82 10:00 PM 4 HRS			
		9 10-27-82 1:00 AM 10-27-82 5:00 AM 4 HRS			
		10 10-27-82 9:00 AM 10-27-82 1:00 PM 4 HRS			
		11 10-27-82 9:00 AM 10-27-82 1:00 PM 4 HRS			
		12 10-27-82 9:00 AM 10-27-82 1:00 PM 4 HRS			
		13 10-27-82 9:00 AM 10-27-82 1:00 PM 4 HRS			
		14 10-27-82 9:00 AM 10-27-82 1:00 PM 4 HRS			
	20	RECORD ACCURACY ONCE PER SHIFT WHILE MILLING:			
		DATE TIME CHG NO. AM- METER AMPS RE- CORDER AMPS HT *F RECORD *F			
		10-25-82 2:30 AM 546 37+38 37+36 166-122			
		10/27 12:00 PM 13+14 38-40 38-40 123-117			
SV-11 7	21	ADD 10" (122G) WATER TO V-11			
	22	HEAT TO 140-150 DEG F FOR S24			

EQUIP MENT		PAGE 3 OF 5 CG 16 CODE RT-763-P (I)	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 1-33 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 RT-763-P	(I)	USE LBS	N-CODE	ACCT LBS
---------------	-------------	-------	---------------	-----	------------	--------	-------------

MISC 11 35 CHARGE OUT RAW MATERIALS BELOW

		RECORD SLUDGE		N-7500-A			
CHG	MILL	NB34	AS	#	972	#	AS
NO.	NO.	#	IS	100%	#	LOT	100%
1	1	18	600	300	300	6108	130
2	2	18	600	300	300	6108	130
3	1	18	600	300	300	6108	130
4	2	18	600	300	300	6108	130
5	1	18	600	300	300	6108	130
6	2	18	600	300	300	6108	130
7	1	18	600	300	300	6108	130
8	2	18	600	300	300	6108	130
9	1	18	600	300	300	6116	130
10	2	18	600	300	300	6116	130
11	1	18	600	300	300	6116	130
12	2	18	600	300	300	6116	130
13	1	18	600	300	300	6116	130
14	2	18	600	300	300	6116	130
TOT							

972-A 4200

834-B 252

7500-A 1820

57-A 16170

36 ENTER RAW MATERIAL TOTALS IN "ACCT LBS" COLUMN

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

V-9 13 PUMP V-10 TO V-9 CAUTION DO NOT OVERFLOW V9

13 START AGITATOR

14 ADJ TO +/-50° MAINTAINING 150-160 DEG F

15 RINSE IN V-10 & V-10 LINES

16 CIRCULATE THRU SHRIVER THICKENERS TO 50°

(2220G) AT 150-160 DEG F

17 RECORD: START DATE 10-27 TIME 3:45 PM VOL 50

18 CIRCULATE UNTIL EFFLUENT REACHES 4000 OHMS

19 RECORD: FINISH DATE 10-29 TIME 1:45 PM

OHMS 4000 PH (8.4-9.0)

TIME

OHMS

TIME 1:45

OHMS 4000

NOTE: AFTER 16 HRS WASHING TAKE OHM READINGS EVERY 4 HRS

20 SHUT OFF WATER & STOP CIRCULATION PUMP

EQUIP MENT		PAGE 5 OF 5 CG 16 CODE RT-763-P (I)	USE LBS	N-CODE	ACCT LBS
V-201	47	PUMP V-9 TO V-201			
14	42	WASH IN V-9 WITH MIN AMOUNT OF WATER			
V-9	49	RUN 10" (450G) WATER INTO V-9			
15	50	HEAT TO 158-162 DEG F			
	51	RECIRCULATE THRU SHRIVER THICKENERS FOR 15 MIN OR UNTIL EFFLUENT IS CLEAR			
201	52	ADD & STIR 10 MIN TO DISSOLVE	314	707-B	314
16					
304	53	RUN 30" (366G) WATER INTO V-304 & TURN ON			
17		AGITATOR			
	54	ADD & STIR TO DISSOLVE FOR S55	206	3-A	206
201	55	RUN V-304 INTO V-201 IN 5-10 MIN			
18	56	STIR 10 MIN & RECORD: PH <u>8.2</u> (8.3-8.9)			
	57	FLOOD TO 88" (5210G) & STOP AGITATOR			
		START FIN OPTR			

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













