

11/18/82
(DATE)L2K54
(LOT)3098* LBS.
(EST WT)

COMTYP JOB NAME: 01YC016BMA

BLENDED BACK: CG 01, PQ 98, -----

(CODE)

(LOT)

(POUNDS)

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE (RMCON)	ACCT LBS
PREP 1	1 WEIGH SODA ASH FOR S-36	90	3-A	90
	2 WEIGH FOR S-44	80	3-A	80
	3 WEIGH SODIUM SILICATE IN DRUM FOR S-40	145	32-D	145
	4 WEIGH SODIUM CHLORIDE FOR S-30	250	4-A	250
356 2	5 RUN 25" (451 G) WATER INTO V-356			
	6 TURN ON AGITATOR AND STEAM			
	7 WEIGH AND SIFT IN BORIC ACID	270	131-B	270
	8 HEAT TO AND MAINTAIN 60-66* C FOR S-38			
359 3	9 WEIGH IN SODIUM MOLYBDATE SOLUTION: OPTR <u>200</u> , MK <u>74</u> , T- <u>360 30.95%</u> OPTR <u> </u> , MK <u> </u> , T- <u> </u> , <u> </u> %	<u>691</u>	423-D	214
351 4	10 WEIGH IN SODIUM CHROMATE: OPTR <u>301</u> , MK <u>297</u> , <u>37.15%</u> OPTR <u> </u> , MK <u> </u> , <u> </u> %	<u>3071</u>	10-D	1141
358 5	11 RUN 10" (473 G) WATER INTO V-358			
	12 RUN V-359 INTO V-351 & PUMP IN V-351			
	13 ADJ TO 68" (3216 G) AT 67-69*F. RECORD: <u>68</u>			
	14 STIR 3 MIN. RECORD: <u>67</u> *F & PH <u>10.1</u>			
	15 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50% RECORD: PH <u>9.8</u> ASSUME 66%		7-D	
	16 RECORD: G/ML <u>1046</u> (1.044-1.047)	<u>2</u>	33-D	<u>1</u>
SV 6	17 RUN 20" (996 G) WATER INTO V- <u>242</u> RECORD N-41-D STORAGE TANK TO PUMP FROM. CIRCLE ONE: 402 410 411 420 424 425			
	18 CHECK WITH CU SUPV: *STORAGE TANK MUST CONTAIN AT LEAST 1400 GAL: 402=29", 410=15", 411=29", 420=15", 424=15", <u>425=18"</u>			
	*STORAGE TANK MUST HAVE STIRRED AT LEAST 20 MIN SINCE LAST ADDITION OR ADJUSTMENT			
	*STORAGE TANK MUST BE ISOLATED UNTIL ALL PUMPING FOR THIS BATCH IS COMPLETE			
	19 SET METER FOR 300 G & PUMP TO SV <u>242</u>			

NOV 19 1982

N40812

EQUIP
MENT

USE
LBS

N-
CODE

ACCT
LBS

SV 120 AT APPROX 100 G WHILE CONTINUING TO PUMP,
6 CHECK PH & DENSITY. RECORD BELOW. IF NOT
CONT IN RANGE, STOP PUMPING & SEE SUPV.
* PH: 2.1 (2.2-3.7)
* DENSITY: 1.318 G/ML (1.270-1.328)
121 IF S-20 OK & WHEN S-19 COMPLETE, RECORD
DENSITY 1.318 G/ML ON TRAPPED SAMPLE
FROM END OF S-19 PUMPING.
122 USING DENSITY FROM S-21, FIND METER SETTING FOR
SECOND PUMPING IN TABLE BELOW. NOTE: TABLE
ACCOUNTS FOR 300 G ALREADY PUMPED IN S-19.
CIRCLE DENSITY & SETTING IN TABLE BELOW.

**** TABLE ****

G/ML	SETTING	G/ML	SETTING	G/ML	SETTING
1.270	857	1.291	773	1.312	700
1.271	852	1.292	769	1.313	697
1.272	848	1.293	765	1.314	694
1.273	844	1.294	762	1.315	691
1.274	840	1.295	758	1.316	687
1.275	836	1.296	754	1.317	684
1.276	831	1.297	751	<u>1.318</u>	<u>681</u>
1.277	827	1.298	747	1.319	678
1.278	823	1.299	744	1.320	675
1.279	819	1.300	740	1.321	672
1.280	815	1.301	737	1.322	669
1.281	811	1.302	733	1.323	666
1.282	807	1.303	730	1.324	663
1.283	803	1.304	727	1.325	660
1.284	799	1.305	723	1.326	657
1.285	796	1.306	720	1.327	654
1.286	791	1.307	717	1.328	651
1.287	788	1.308	713	1.329	648
1.288	784	1.309	710	1.330	645
1.289	780	1.310	707	1.331	643
1.290	776	1.311	703	1.332	640

123 SET METER & PUMP 681 G (RECORD FROM TABLE)
FLUSH LINE WITH WATER INTO SV FOR APPROXIMATELY
30 SECONDS

124 ADJ LEAD NITRATE TO 3148 G (64" 240 & 246; 66"
241, 242, & 245; 64.5" 247) AT 67-69°F.

RECORD: _____ *F & ICE CONSUMED (330#/BLOCK)

125 STIR 5 MIN & RECORD PH: 2.1 (2.2-3.7)

**** USE TITRIMETER TO ADJUST N-41-D PH ****

126 IF NECESSARY ADJ TO PH 3.8-3.9

ASSUME 66%

& RECORD PH: 3.9

ASSUME 50%

NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING

127 RECORD: 1.102 G/ML (1.098-1.100) IF OUT OF SPEC

FILL OUT CHECK LIST & ATTACH.

128 STIR AT 67-69°F FOR S-29.

41-D 3047

330X 57-A

33-D

7-D

EQUIP MENT	PAGE 03 OF 3 CG 01 CODE YC-016-B	USE LBS	N-CODE	ACCT LBS
	29 RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN RECORD: START <u>5:25 AM</u> M & TOTAL MIN <u>19</u> NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS MT			
SV 6 (CONT)	30 WHEN S-29 COMPLETED AND BEFORE WASHING IN V-358, DUMP IN N-4-A FROM S-4			
	31 RUN IN USING WEIGHT & FLOW CONTROL PANEL OPTR <u>201</u> , MK <u>3</u> , <u>30.84%</u> OPTR _____, MK _____, _____%	<u>71</u>	28-D 28-D	22
	32 DURING S'S 30 AND 31 (IF ALONE, AFTER S'S 30 & 31) WASH IN V-358			
	33 STIR 2 MIN			
	34 RECORD: PH <u>1.9</u> (2.2-2.5) & PB XS <u>+</u> (+)			
	35 STIR TOTAL OF 15 MIN FROM COMPLETION OF S-29 RECORD: START <u>5:46 AM</u> TOTAL MIN <u>15</u>			
	36 DUMP IN N-3-A FROM S-1			
	37 STIR 3 MIN			
	38 RUN IN N-131-B FROM S-8 IN 7 MIN			
	39 STIR 3 MIN			
	40 POUR IN N-32-D FROM S-3			
	41 STIR 2 MIN	<u>225</u> <u>450</u>	<u>N-15-0</u> <u>Joe</u>	225
	42 RUN IN USING BADGER METER			
	43 STIR 3 MIN & FLUSH ALUM LINES WITH WATER			
	44 DUMP IN N-3-A FROM S-2			
	45 STIR 3 MIN			
	46 RECORD: PH <u>5.8</u> (5.8-6.0)			
	47 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% RECORD: PH _____ ASSUME 66%		7-D 33-D	
	48 WHEN SCHEDULED, DUMP IN BLEND BACK LISTED ON TOP OF PAGE 1			
	49 RECORD: CODE _____, LOT _____			
	50 STIR 20 MIN RECORD: PH _____ (5.8-6.0)			
	51 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% & RECORD: PH _____ ASSUME 66%		7-D 33-D	
	52 FLOOD TO 153" (7298 G) & STOP AGITATOR			

START 3:00 AM FINISH 6:30 AM OPTR 2019/29