CG 01 CODE YC-016-B PQ 93 PROCESSES (A) YC-016-B ( ) APPROVED BY: FWP 11/15/82

11/17/82 (DATE) L2K52 (LOT) 3098* LBS. (EST WT) COMTYP JOB NAME: 01YC016BMA

BLENDED BACK: CG 01, PQ 98, _____ (CODE), _____ (LOT), _____ (POUNDS)

EQUIPMENT		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 ____, MK 74, T-360, 30.95% OPTR ____, MK ___, T-___, _____%	691	423-D	214
351 4	10	WEIGH IN SODIUM CHROMATE: OPTR _____, MK 296, 37.08% OPTR _____, MK ____, _____%	3077	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: 66*			
	14	STIR 3 MIN. RECORD: 68*F & PH 10.5			
	15	IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50%		7-D	
		RECORD: PH 9.8 ASSUME 66%	4	33-D	3
	16	RECORD: G/ML 1.047 (1.044-1.047)			
SV 6	17	RUN 20* (996 G) WATER INTO V-242			
		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", 425=18" *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 242			

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LOT: _____ COMTYP JOB NAME: 01YC016BMA PAGE 02 DATE PRINTED: 11/15/82

EQUIPMENT			USE LBS	N-CODE	ACCT LBS
SV 6 CONT	20	AT APPROX 100 G WHILE CONTINUING TO PUMP, CHECK PH & DENSITY. RECORD BELOW. IF NOT IN RANGE, STOP PUMPING & SEE SUPV. * PH: 2.4 (2.2-3.7) * DENSITY: 1.302 G/ML (1.270-1.328)			
	21	IF S-20 OK & WHEN S-19 COMPLETE, RECORD DENSITY 1.302 G/ML ON TRAPPED SAMPLE FROM END OF S-19 PUMPING.			
	22	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	1.318	681
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 EC	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

	23	SET METER & PUMP 733 G (RECORD FROM TABLE) FLUSH LINE WITH WATER INTO SV FOR APPROXIMATELY 30 SECONDS			
	24	ADJ LEAD NITRATE TO 3148 G (64* 240 & 246; 66* 241, 242, & 245; 64.5* 247) AT 67-69*F.		41-D	3047
		RECORD: 68 *F & ICE CONSUMED (330#/BLOCK)	330X	57-A	
	25	STIR 5 MIN & RECORD PH: 2.6 (2.2-3.7)			
		****** USE TITRIMETER TO ADJUST N-41-D PH ******			
	26	IF NECESSARY ADJ TO PH 3.8-3.9 ASSUME 66%		33-D	
		& RECORD PH: 3.8 ASSUME 50%		7-D	2
		NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING			
	27	RECORD: 1.099 G/ML (1.098-1.100) IF OUT OF SPEC FILL OUT CHECK LIST & ATTACH.			
	28	STIR AT 67-69*F FOR S-29.			

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LOT= _____ COMTYP JOB NAME: 01YC016BMA PAGE 03 DATE PRINTED:11/15/82
MAKING INSTRUCTIONS:BATCH UNIT

EQUIPMENT		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 8:55PM & TOTAL MIN 19			
		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 _____, MK _____, 30.84 %	71	28-D	22
		OPTR _____, MK _____, _____ %	_____	28-D	_____
	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 7.2 (2.2-2.5) & PB XS + (+)			
	35	STIR TOTAL OF 15 MIN FROM COMPLETION OF S-29 RECORD: START 9:15PM TOTAL MIN 15			
	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			
	42	RUN IN USING BADGER METER	~~430~~ 225	~~15-D~~ 15-D	225
	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 5.95 (5.8-6.0)			
	47	IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50%	_____	7-D	_____
		RECORD: PH ___ ASSUME 66%	_____	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%	_____	7-D	_____
	52	& RECORD: PH-_____ ASSUME 66%	_____	33-D	_____
		FLOOD TO 153" (7298 G) & STOP AGITATOR			

START	FINISH	OPTR
6:00PM	10:00PM	86-302

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