CG 01 CODE YE-735-D

PROCESSES ( ) YE-735-D (K) APPROVED BY: FWP 11/23/82

11/24/82 (DATE) L2J62 (LOT) 3839* LBS. (EST WT) COMTYP JOB NAME: 01YE735DMK

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

EQUIPMENT		NAME- MOLYBDATE ORANGE-	USE LBS	N-CODE	ACCT LBS
PREP 1	1	OBTAIN SODIUM CHLORIDE FOR S-37	315	4-A	315
	2	OBTAIN SODIUM SULFATE FOR S-14	42	108-A	42
	3	OBTAIN SODA ASH FOR S-40	105	3-A	105
	4	OBTAIN SODIUM SILICATE FOR S-42	58	32-D	58
	5	OBTAIN SODA ASH FOR S-46	47	3-A	47
	6	DISSOLVE SODIUM CITRATE IN 30 G WATER AT 100-120*F IN DRUM FOR S-50	17	765-A	17
	7	DISSOLVE TAMOL 850 IN 30 G WATER AT 100-120*F IN DRUM FOR S-54	60	994-A	60
351 2	8	WEIGH IN SODIUM CHROMATE OPTR _____, MK 304, 38.18% OPTR _____, MK ____, _____%	3685	10-D	1407
359 3	9	WEIGH IN SODIUM MOLYBDATE SOLUTION OPTR ____, MK 25, T-360, 32.37% OPTR ____, MK ___, T-____, _____%	778	423-D	252
	10	RUN 2" (110 G) WATER INTO V-358			
	11	RUN V-359 INTO V-351			
	12	PUMP V-351 INTO V-358			
	13	TURN ON AGITATOR			
358 4	14	SIFT IN N-108-A FROM S-2			
	15	ADJUST TO 68" (3216 G) AT 67-69*F RECORD: 68 *F			
	16	STIR 3 MIN. & RECORD: PH 10.4 (9.0-9.5)			
	17	IF NECESSARY, ADJ. TO PH 9.0 - 9.5 & RECORD PH: 9.2 ASSUME 32% HYDROCHLORIC ACID	2	28-D	1
		ASSUME 50% CAUSTIC SODA SOLN		7-D	
	18	RECORD: G/ML 1060 (1.059-1.060) NOTE: G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH			
	19	STIR AT 67-69*F FOR S-32.			
SV 5	20	RUN 20" (996 G) WATER INTO V-241 RECORD N-41-D STORAGE TANK TO PUMP FROM. CIRCLE ONE: 402 410 411 420 424 425			
	21	CHECK WITH CU SUPV: *STORAGE TANK MUST CONTAIN AT LEAST 1767 GAL: 402=36", 410=19", 411=35", 420=19", 424=19", 425=23" *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		NOV 29 1982	
	22	SET METER FOR 300 G & PUMP TO SV 242			

EQUIPMENT		USE LBS	N-CODE	ACCT LBS
SV 5 CONT	23 AT APPROX 100 G WHILE CONTINUING TO PUMP, CHECK PH & DENSITY. RECORD BELOW. IF NOT IN RANGE, STOP PUMPING & SEE SUPV.			
	* PH: 2.5 (2.2-3.7)			
	* DENSITY: 1.317 G/ML (1.270-1.328)			
	24 IF S-23 OK & WHEN S-22 COMPLETE, RECORD DENSITY 1.312 G/ML ON TRAPPED SAMPLE FROM END OF S-22 PUMPING.			
	25 USING DENSITY FROM S-24, FIND METER SETTING FOR SECOND PUMPING IN TABLE BELOW. NOTE: TABLE ACCOUNTS FOR 300 G ALREADY PUMPED IN S-22. CIRCLE DENSITY & SETTING IN TABLE BELOW. (1%) **** TABLE ****			

G/ML	SETTING	G/ML	SETTING	G/ML	SETTING
1.270	1129	1.291	1024	1.312	935
1.271	1123	1.292	1020	1.313	931
1.272	1118	1.293	1015	1.314	927
1.273	1113	1.294	1011	1.315	923
1.274	1107	1.295	1006	1.316	919
1.275	1102	1.296	1002	1.317	915
1.276	1097	1.297	998	1.318	912
1.277	1092	1.298	993	1.319	908
1.278	1087	1.299	989	1.320	904
1.279	1082	1.300	985	1.321	900
1.280	1077	1.301	980	1.322	897
1.281	1072	1.302	976	1.323	893
1.282	1067	1.303	972	1.324	889
1.283	1062	1.304	968	1.325	885
1.284	1058	1.305	963	1.326	882
1.285	1053	1.306	959	1.327	878
1.286	1048	1.307	955	1.328	875
1.287	1043	1.308	951	1.329	871
1.288	1038	1.309	947	1.330	867
1.289	1034	1.310	943	1.331	864
1.290	1029	1.311	939	1.332	860

	26 SET METER & PUMP 915 G (RECORD FROM TABLE) FLUSH LINE WITH WATER INTO SV FOR APPROXIMATELY 30 SECONDS			
	27 ADJ LEAD NITRATE TO 3294 G (67* IN 240 & 246; 69* IN 241, 242 & 245; & 67.5* IN 247) AT 67-69*F		41-D	3800
	RECORD: 69 *F & ICE CONSUMED (330#/BLOCK)	330X__	57-A	_____
	28 STIR 5 MIN & RECORD PH: 3.3 (2.2-3.7) **** USE TITRIMETER TO ADJUST N-41-D PH ****			
	29 IF NECESSARY ADJ TO PH 3.8-3.9 ASSUME 32%	_____	28-D	_____
	& RECORD PH: 3.8 ASSUME 50%	2	7-D	1
	NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING			
	30 RECORD: 1.118 G/ML (1.117-1.118) IF OUT OF SPEC FILL OUT CHECK LIST & ATTACH.			
	31 STIR AT 67-69*F FOR S-32.			

LOT: _____ COMTYP JOB NAME: 01YE735DMK PAGE 03 DATE PRINTED: 11/23/82

EQUIPMENT			USE LBS	N-CODE	USE LBS
SV 6	32	STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 21-23 MIN.			
		RECORD: START 1:48 TOTAL MIN. 22 (67-71*) 71			
		NOTE: STRIKE TIME UP WHEN 1/2 V-358 BOTTOM SHOWS & BUBBLES APPEARS IN SIGHT GLASSES			
	33	IMMEDIATELY AT END OF STRIKE WASH IN V-358			
	34	SET TIMER FOR 10 MIN.			
	35	RUN IN USING WEIGHT & FLOW CONTROL PANEL			
		OPTR 86, MK _____, 30.8 %	65	28-D	20
		OPTR _____, MK _____, _____ %			
	36	DUMP IN N-4-A FROM S-1 A.F.A.P.			
	37	AFTER N-4-A IS ADDED, STIR 2 MIN.			
	38	TAKE 8 OZ SAMPLE & RECORD: PH 2.3 (2.4-2.5)			
		PBXS, ____ (MUST BE +).			
	39	STIR 10 MIN AFTER ADDITION OF N-4-A			
	40	DUMP IN N-3-A FROM S-3			
	41	STIR 3 MIN.			
	42	POUR IN N-32-D FROM S-4			
	43	STIR 2 MIN.			
	44	RUN IN LIQUID ALUM USING BADGER METER	336	115-D	168
	45	STIR 3 MIN & FLUSH ALUM LINE WITH MINIMUM WATER			
	46	DUMP IN N-3-A FROM S-5			
	47	STIR 3 MIN.			
	48	RECORD: PH 5.7 (5.8-6.0)			
	49	IF NECESSARY, ADJUST TO PH 5.8-6.0	5	3-A	5
		RECORD: PH 5.9 ASSUME 32%	_____	28-D	_____
	50	POUR IN N-765-A SOLN FROM S-6			
	51	STIR 5 MIN			
	52	RECORD: PH 6.0 (5.8-6.0)			
	53	IF NECESSARY, ADJUST TO PH 5.8-6.0	_____	3-A	_____
		& RECORD: PH _____ ASSUME 32%	_____	28-D	_____
	54	POUR IN N-994-A SOLN FROM S-7 (MUST BE DISSOLVED)			
	55	STIR 20 MIN.			
	56	DURING S-55 DUMP IN BLANC FIXE N	220	128-A	220
	57	WHEN SCHEDULED, DUMP IN BLEND BACK LISTED ON TOP OF PAGE 1			
		RECORD: CODE _____, LOT _____, _____ #			
	58	STIR 20 MIN			
	59	FLOOD TO 153" (7298 G) & STOP AGITATOR			

START	FINISH	OPTR
11:00AM	3:00PM	86-27

DUP050059622