

CG 01 CODE YC-016-B PR 97

PROCESSES

APPROVED BY

(A) YC-017-B () FWP 05/08/81

DATE: _____ LOT: E1339() ()
() ()

ESTIMATED WEIGHT: 3130#

COMTYP JOB NAME: 01YC017BMA

EQUIP MENT		NAME: MOLYBDATE ORANGE	USE LBS	N-CODE (RMCON)	ACCT LBS
PREP 1	1	WEIGH FOR S-36	90	3-A	90
	2	WEIGH FOR S-44	80	3-A	80
	3	WEIGH IN DRUM FOR S-40	145	32-D	145
	4	WEIGH FOR S-30	250	4-A	250
	5	WEIGH IN PAILS FOR S-31	225	28-D	22
	6	WEIGH FOR S-42	225	15-A	225
	7	DISSOLVE IN 20 GAL WATER AT 100-110°F IN DRUM FOR S-48	13 2	978-A 979-A	13 2
356 2	8	RUN 25" (451 G) WATER INTO V-356			
	9	TURN ON AGITATOR AND STEAM			
	10	WEIGH AND SIFT IN	270	131-B	270
	11	HEAT TO AND MAINTAIN 60-66° C FOR S 38			
359 3	12	WEIGH IN OPTR <u>69</u> , MK <u>48</u> , <u>38.15%</u> OPTR _____, MK _____, _____%	<u>490</u>	423-D	<u>214</u> <u>187</u>
351 4	13	WEIGH IN OPTR <u>69</u> , MK <u>244</u> , <u>37.91%</u> OPTR _____, MK _____, _____%	<u>3060</u>	10-D	<u>1144</u> <u>1160</u>
4	14	RUN IN V-359			
358 5	15	RUN 10" (473 G) WATER INTO V-358			
	16	PUMP V-351 INTO V-358			
	17	ADJ TO 68" (3216 G) AT 67-69°F. RECORD: <u>68</u>			
	18	STIR 3 MIN. RECORD: <u>69</u> °F & PH <u>9.5</u>			
	19	IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50% RECORD: PH <u>9.8</u> ASSUME 66%	<u>6</u>	7-D 33-D	<u>3</u>
	20	RECORD: G/ML <u>1.047</u> (1.044-1.047)			
SV 6	21	RUN 40" (1908 G) WATER INTO V- <u>242</u>			
	22	RUN IN FROM V-354 OPTR <u>69</u> , MK <u>478</u> , <u>26.62%</u> OPTR _____, MK _____, _____%	<u>11446</u>	41-D	3047
	23	ADJ TO 3148 G AT 67-69°F (64" IN V-240 & V-246; 66" IN V-241, V-242, & V-245)			
	24	STIR 3 MIN RECORD: <u>69</u> °F	<u>44330</u>	57-A	<u>1320</u>
	25	RECORD: PH <u>2.9</u> (2.8-3.6)			
	26	ADJ TO PH 4.0-4.1 ASSUME 66% RECORD: PH <u>4.1</u> & VOL <u>66</u> " ASSUME 50%		33-D 7-D	
		NOTE: DILUTE N-7-D 10:1 WITH WATER			
	27	RECORD: G/ML <u>1.099</u> (1.097-1.100)			
	28	OBTAIN 1 QT SAMPLES OF S-20 & S-27 SOLUTIONS & TITRATE TWICE RECORD: LOWEST PH <u>2.95</u> & ML N-10-D <u>8.11</u> LOWEST PH <u>2.15</u> & ML N-10-D <u>8.12</u> NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE 8.0-8.6 OR IF THE TWO TITRATIONS DIFFER BY MORE THAN 0.10 ML N-10-D (IF YES, FLUSH ALL EQUIPMENT & REPEAT TITRATIONS DO NOT PROCEED IF 10-7 TITRATION YIELD IS NOT IN RANGE			

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MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 02 OF 2 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>8:06</u> M & TOTAL MIN <u>18</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	IMMEDIATELY POUR IN N-28-D FROM S 5			
	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>2.6</u> (2.2-2.5) & PB XS <u>+</u> (+)			
	35	STIR TOTAL OF 15 MIN FROM COMPLETION OF S 29 RECORD: START <u>8:25</u> TOTAL MIN <u>13</u>			
	36	DUMP IN N-3-A FROM S 1			
	37	STIR 3 MIN			
	38	RUN IN N-131-B FROM S 3 IN 7 MIN			
	39	STIR 3 MIN			
	40	POUR IN N-983-D FROM S-3			
	41	STIR 2 MIN			
	42	DUMP IN N-15-A FROM S 6			
	43	STIR 3 MIN			
	44	DUMP IN N-3-A FROM S 2			
	45	STIR 3 MIN			
	46	RECORD: PH <u>6.0</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	POUR IN N-978/979-A FROM S-7			
	49	STIR 10 MIN			
	50	FLOOD TO 153" (7298 G)			
	51	STOP AGITATOR			
		START <u>11:30 AM</u> FINISH <u>2:50 PM</u> OTR <u>86-69</u> <u>8:06</u> <u>6:11 PM</u> <u>726-52</u>			

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 02 OF 2 CG 01 CODE YC-016-B	USE LBS	N-CODE	ACCT LBS
	28	RUN V-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN			
		RECORD: START <u>12:55 PM</u> & TOTAL MIN <u>17</u>			
		NOTE: V-358 STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS MT			
SV 6 (CONT)	29	WHEN S 28 COMPLETED AND BEFORE WASHING IN V-358, DUMP IN N-4-A FROM S-4			
	30	IMMEDIATELY POUR IN N-28-D FROM S 5			
	31	DURING S'S 29 AND 30 (IF ALONE, AFTER S'S 29 & 30) WASH IN V-358			
	32	STIR 2 MIN			
	33	RECORD: PH <u>2.3</u> (2.2-2.5) & PB XS <u>+</u> (+)			
	34	STIR TOTAL OF 15 MIN. FROM COMPLETION OF S 28 RECORD: START <u>1:27 PM</u> TOTAL MIN <u>15</u>			
	35	DUMP IN N-3-A FROM S 1			
	36	STIR 3 MIN			
	37	RUN IN N-131-B FROM S 3 IN 7 MIN			
	38	STIR 3 MIN			
	39	POUR IN N-983-D FROM S-3			
	40	STIR 2 MIN			
	41	DUMP IN N-15-A FROM S 6			
	42	STIR 3 MIN			
	43	DUMP IN N-3-A FROM S 2			
	44	STIR 3 MIN			
	45	RECORD: PH <u>5.85</u> (5.8-6.0)			
	46	IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% RECORD: PH <u>✓</u> ASSUME 66%		7-D 33-D	
	47	FLOOD TO 153" (7298 G)			
	48	STOP AGITATOR			
		START <u>8:30 AM</u> FINISH <u>2:10 PM</u> DTR <u>86-69</u>			