

S.V. 240, 241, 242, 5, 246

MAKING INSTRUCTIONS: BATCH UNIT

CG 01 CODE YC-016-B PQ 93

PROCESSES

APPROVED BY

DATE: _____ LOT: E1338

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

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ESTIMATED WEIGHT: 3130#

COMTYP JOB NAME: 01YC017BMA

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N- DE (RMCON)	ACCT LBS
PREP 1	1 HIGH FOR S-36	90	2-A	90
	2 WEIGH FOR S-44	80	3-A	80
	3 HIGH IN DRUM FOR S-40	145	32-D	145
	4 WEIGH FOR S-30	250	4-A	250
	5 HIGH IN PAILS FOR S-31	225	28-D	22
	6 HIGH FOR S-42	13	15-A	225
	7 DISSOLVE IN 20 GAL WATER AT 100-110°F IN DRUM FOR S-48	2	978-A	13
			979-A	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 _____, MK <u>48</u> , <u>38.15%</u>	<u>490</u>	423-D	
	V-360 OPTR _____, MK _____, _____%			
351 4	13 WEIGH IN OPTR _____, MK <u>241</u> , <u>38.18%</u>	<u>3038</u>	10-D	
4	14 OPTR _____, MK _____, _____%			
	15 RUN IN V-359			
358 5	16 RUN 10" (473 G) WATER INTO V-358			
	17 PUMP V-351 INTO V-358			
	18 ADJ TO 68" (3216 G) AT 67-69°F. RECORD: <u>68</u>			
	19 STIR 3 MIN. RECORD: <u>67</u> °F & PH <u>9.2</u>			
	20 IF NECESSARY, ADJ TO PH 9.8-9.9 ASSUME 50%	<u>2</u>	7-D	<u>1</u>
	RECORD: PH <u>9.8</u> ASSUME 66%		33-D	
	21 RECORD: G/ML <u>1.077</u> (1.044-1.047)			
SV 6	22 RUN 40" (1908 G) WATER INTO V- <u>242</u>			
	23 RUN IN FROM V-354			
	OPTR _____, MK <u>475</u> , <u>27.41%</u>	<u>11116</u>	41-D	3047
	OPTR _____, MK _____, _____%			
	24 ADJ TO 3148 G AT 67-69°F (64" IN V-240 & V-246; 66" IN V-241, V-242, & V-245)			
	25 STIR 3 MIN RECORD: <u>68</u> °F	<u>51330</u>	57-A	<u>1650</u>
	26 RECORD: PH <u>3.0</u> (2.8-3.6)			
	27 ADJ TO PH 4.0-4.1 ASSUME 66%		33-D	
	RECORD: PH <u>4.0</u> & VOL <u>66</u> ASSUME 50%	<u>2</u>	7-D	<u>1</u>
	NOTE: DILUTE N-7-D 10:1 WITH WATER			
	28 RECORD: G/ML <u>1.100</u> (1.097-1.100)			
	29 OBTAIN 1 QT SAMPLES OF S-20 & S-27			
	SOLUTIONS & TITRATE TWICE			
	RECORD: LOWEST PH <u>3.0</u> & ML N-10-D <u>2.34</u>			
	LOWEST PH <u>3.99</u> & ML N-10-D <u>2.33</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 N-10-D TITRATION IS OUT OF RANGE			

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MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 02 OF 2 CG 01 CODE YC-014-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>4:40 AM</u> M & TOTAL MIN <u>20</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>2.7</u> (2.2-2.5) & PB XS <u>1</u> (+)			
	35	STIR TOTAL OF 15 MIN FROM COMPLETION OF S 29 RECORD: START <u>5:04</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 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 <u>6.0</u> ASSUME 66%		7-D 33-D	<u>7</u>
	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>4:00 AM</u> FINISH <u>6:00 AM</u> OPTR <u>237-58</u>			