

S.V. 240, 241, 242, 245, 246

MAKING INSTRUCTIONS: BATCH UNIT

CG 01 CODE YC-016-B PQ 93

DATE: _____

LOT: E/335

PROCESSES

A) YC-017-B ()

APPROVED BY

FWP 05/08/81

ESTIMATED WEIGHT: 31304

DMTYP JOB NAME: 01YC017BMA

EQUIP MENT	NAME: MOLYBDATE ORANGE	USE LBS	N-CODE (RMCON)	ACCT LBS
PREF				
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	978-A	13
		2	979-A	2
356	8 RUN 25" (451 G) WATER INTO V-356			
2	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	12 WEIGH IN OPTR <u>145</u> , MK <u>48</u> , <u>38.15</u> %	<u>490</u>	423-D	<u>214</u>
3	OPTR _____, MK _____, _____%			<u>2218</u>
351	13 WEIGH IN OPTR <u>145</u> , MK <u>240</u> , <u>37.91</u> %	<u>3262</u>	10-D	<u>441</u>
4	OPTR _____, MK _____, _____%			<u>1160</u>
4	14 RUN IN V-359			
358	15 RUN 10" (473 G) WATER INTO V-358			
5	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>9.9</u> ASSUME 66%	<u>10</u>	7-D	<u>5</u>
	20 RECORD: G/ML <u>1.047</u> (1.044-1.047)		33-D	
SV	21 RUN 40" (1908 G) WATER INTO V- <u>242</u>			
4	22 RUN IN FROM V-354			
	OPTR <u>145</u> , MK <u>471</u> , <u>28.75</u> %	<u>10599</u>	41-D	3047
	OPTR _____, MK _____, _____%			
62" 720	23 ADJ TO 3148 G AT 67-69°F (64" IN V-240 & V-246; <u>66</u> " IN V-241, V-242, & V-245)			
	24 STIR 3 MIN RECORD: <u>68</u> " *F	<u>660</u>	57-A	<u>660</u>
	25 RECORD: PH <u>2.7</u> (2.8-3.6)			
	26 ADJ TO PH 4.0-4.1 ASSUME 66% ORD: PH <u>4.1</u> & VOL <u>66</u> " ASSUME 50%	<u>10</u>	33-D	
	NOTE: DILUTE N-7-D 10:1 WITH WATER		7-D	<u>5</u>
	D: G/ML <u>1.098</u> (1.097-1.100)			
	N 1 QT SAMPLES OF S-20 & S-27			
	SOLUTIONS & TITRATE TWICE			
	RECORD: LOWEST PH <u>2.25</u> & ML N-10-D <u>8.15</u>			
	LOWEST PH <u>2.25</u> & ML N-10-D <u>8.15</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 TITRATION DO NOT PROCEED			

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 02 OF 2 CG 01 CODE YC-016-B	USE LBS	N-CODE	ACCT LBS
	27	-358 AT 67-69°F THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV AT 67-69°F IN 17-19 MIN			
		RECORD: START <u>4:30 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 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>2.5</u> (2.2-2.5) & PB XS <u>+</u> (+)			
	35	STIR TOTAL OF 15 MIN FROM COMPLETION OF S 29 RECORD: START <u>4:50 PM</u> TOTAL MIN <u>15</u>			
	36	DUMP IN N-3-A FROM S 1			
	37	STIR 3 MIN			
	38	IN N-131-B FROM S 3 IN 7 MIN			
	39	R 3 MIN			
	40	R IN N-983-D FROM S-3			
	41	ST R 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	R 3 MIN			
	46	ORD: PH <u>6.5</u> (5.8-6.0)			
	47	NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50% ECORD: PH <u>6.0</u> 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>10:50 AM</u> FINISH <u>6:00 PM</u> OPTR <u>86-145</u> <u>3:00 PM</u> <u>6:00 PM</u> <u>501</u>			