MAY -0-81-€-1504 ( ) YE-698-D (R) POST, 05/14/81

( DATE ) (LOT NUMBER) 012 9 ( ) ( )

JOB NAME: 01YE698DMR

ESTIMATED WGT 3371 LBS. STANDARD HRS. _____ TIME _____M

| EQUIPMENT | | NAME: MOLYBDATE ORANGE | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| PREP 1 | 1 | OBTAIN FOR S-22 | 25 | 108-A | .25 |
| | 2 | WEIGH FOR S-25 65.04 % | 23 | 33-D | 25 |
| | 3 | OBTAIN FOR S-30 | 450 | 4-A | 450 |
| | 4 | OBTAIN FOR S-34 | 90 | 3-A | 90 |
| | 5 | OBTAIN FOR S-36 | 145 | 32-D | 145 |
| | 6 | OBTAIN FOR S-38 | 225 | 15-A | 225 |
| | 7 | OBTAIN FOR S-40 | 150 | 3-A | 150 |
| | 8 | WEIGH IN DRUM FOR S-42 M___,32.0 % | 128 | 28-D | 44 |
| | 9 | OBTAIN FOR S-42 | 44 | 711-B | 44 |
| 351 2 | 10 | WEIGH INTO V-351 CHECKED BY: #45 M26238 05 % | 1072 | 10-D | 1148 |
| 359 3 | 11 | WEIGH IN. OPTR 145, MK 51, T-220, 35.0 % | 528 | 423-D | 185 |
| | | OPTR ____, MK ___, T-____, ____% | | | |
| SV 4 | 12 | RUN 20* (996 G) WATER INTO V-241 | | | |
| | 13 | RUN IN FROM V-354. OPTR 145, MK 619, 134 *F | 10972 | 41-D | 3047 |
| | | RECORD: G/ML 1.303 (1.270-1.328) 22.22 % | | | |
| | | RECORD: PH 2.5 (2.2-3.7) | | | |
| 1980 | 14 | ADJ TO 2850 GAL AT 67-69*F RECORD: 69 *F | 1980 | 57-A | 1980 |
| | | (58* V-240 & 246; 60* V-241, 242, 245) | | | |
| | 15 | STIR 5 MIN & RECORD: PH 1.1 (2.2-3.7) | | | |
| | 16 | IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 66% | _____ | 33-D | _____ |
| | | RECORD: PH_____ | | | |
| | | NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING ASSUME 50% | _____ | 7-D | _____ |
| | 17 | RECORD: 1.110 G/ML (1.107-1.110) | | | |
| | | NOTE: IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH | | | |
| | 18 | STIR AT 67-69*F FOR S 28 | | | |
| 358 5 | 19 | RUN 10* (500 G) WATER INTO V-358 | | | |
| | 20 | RUN V-359 INTO V-351 & PUMP IN V-351 | | | |
| | 21 | ADJ TO 55* (2600 G) | | | |
| | 22 | SIFT IN N-108-A FROM S 1 | | | |
| | 23 | STIR 5 MIN & RECORD: PH 9.6 (9.0-10.0) | | | |
| | 24 | ADJ TO PH 9.8-9.9 & RECORD: PH 9.9 | | | |
| | | ASSUME 50% | 4 | 7-D | 2 |
| | | ASSUME 60% | _____ | 33-D | _____ |
| | 25 | ADD N-33-D FROM S 2 (PUMP FROM V-351, FLUSH WITH 1000# WATER ) | | | |
| | 26 | ADJ TO 62* (2933 G) AT 67-69*F | | | |
| | | RECORD: VOL 62* & 69 *F | | | |
| | 27 | STIR 5 MIN & RECORD: PH 7.6 (7.4-7.6) & G/ML 1.054 (1.051-1.054) | | | |
| | | NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH | | | |

MAY 28 '81

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N28779

| EQUIP | PAGE 2 CG 01 YE-698-D EST WGT 3371# | USE LBS | N- CODE | USE LBS |
|---|---|---|---|---|
| | 28 OBTAIN 1 QT SAMPLES OF S-18 & S-27 SOLUTIONS & TITRATE TWICE<br>RECORD: LOWEST PH 2.22 & ML N-10-D 8.92<br>LOWEST PH 2.20 & ML N-10-D 8.92<br>NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE 8.4-8.8 OR IF THE TWO TITRATIONS DIFFER BY MORE THAN 0.10 ML N-10-D (IF YES, FLUSH ALL EQUIPMENT & REPEAT TITRATIONS)<br>DO NOT PROCEED IF N-10-D TITRATION IS OUT OF RANGE 2.20<br>ADJUST V-358 TO OBTAIN A TITRATION PH = ~~2.05~~ (~~2.00-2.10~~) (2.15-2.25) | 30 | 33-D<br>7-D | 20 |
| SV 6 | 29 WHEN S-28 TITRATION OK, STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 16-18 MIN<br>RECORD: START 9:15 PM, TOTAL MIN 18<br>NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS & BUBBLES APPEAR IN SIGHT GLASSES | | | |
| | 30 IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER FOR 15 MINUTES | | | |
| | 31 DURING S 30, WASH IN V-358 | | | |
| | 32 STIR 2 MIN & RECORD PH 2.3 (1.8-2.5)<br>PBXS, + (MUST BE +) | | | |
| | 33 STIR TOTAL OF 15 MIN FROM S-30 &<br>RECORD: TEMP 72 °F (67-73°F) | | | |
| | 34 DUMP N-3-A FROM S-4 | | | |
| | 35 STIR 3 MIN | | | |
| | 36 POUR IN N-32-D FROM S-5 | | | |
| | 37 STIR 2 MIN | | | |
| | 38 DUMP IN N-15 FROM S-6 | | | |
| | 39 STIR 3 MIN | | | |
| | 40 DUMP IN N-3 FROM S-7 | | | |
| | 41 STIR 4 MIN FOR S-44 | | | |
| DRUM 7 | 42 DURING S-41 SIFT N-711-B FROM S-9 INTO DRUM OF N-28-D FROM S-8 IN 1-2 MIN. | | | |
| | 43 STIR 1-2 MIN WITH PADDLE TO MILKY SOLUTION | | | |
| SV 8 | 44 WHEN S-41 COMPLETE, IMMEDIATELY POUR N-711-B SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV<br>WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP POURING UNTIL FOAM SUBSIDES | | | |
| | 45 DUMP IN | 200 | 128-A | 200 |
| | 46 STIR 10 MIN | | | |
| | 47 RECORD: PH 5.8 (5.8-6.0) | | | |
| | 48 IF NECESSARY, ADJ TO PH 5.8-6.0 ASSUME 50%<br>& RECORD: PH- ASSUME 66% | | 7-D<br>33-D | |
| | 49 RECORD: TIME | | | |
| | 50 FLOOD TO 153" (7619 G) | | | |
| | 51 STOP AGITATOR | | | |

| START | FINISH | OPTR | HELPER |
|---|---|---|---|
| 6:00 PM | | 86 | 45 |
| | | | |
| | | | |

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