

CG 01 CODE YE-698-D  
MAY -0.81-E 1445PROCESSES APPROVED BY  
( ) YE-698-D (S) FWP 04/14/81  
( ) ( )  
( ) ( )

( DATE ) ( LOT NUMBER )

COMTYP JOB NAME: 01YE698DMS

ESTIMATED WGT 5632 LBS.

STANDARD HRS. TIME M

| EQUIP<br>MENT | NAME: MOLYBDATE ORANGE                          | USE<br>LBS | N-CODE | ACCT<br>LBS |
|---------------|-------------------------------------------------|------------|--------|-------------|
| PREP<br>1     | 1 OBTAIN FOR S-22                               | 84         | 108-A  | 84          |
|               | 2 WEIGH FOR S 25 65.04 %                        | 69         | 33-D   | 45 85       |
|               | 3 OBTAIN FOR S-30                               | 734        | 4-A    | 734         |
|               | 4 OBTAIN FOR S-34                               | 146        | 3-A    | 146         |
|               | 5 OBTAIN FOR S-36                               | 237        | 32-D   | 237         |
|               | 6 OBTAIN FOR S-38                               | 367        | 15-A   | 367         |
|               | 7 OBTAIN FOR S-40                               | 243        | 3-A    | 243         |
|               | 8 WEIGH IN DRUM FOR S-42 M 2.32.00 %            | 219        | 28-D   | 70          |
|               | 9 OBTAIN FOR S-42                               | 70         | 711-B  | 70          |
| 351<br>2      | 10 WEIGH INTO V-351 CHECKED BY: # M 25.38.12    | 4945       | 10-D   | 1885        |
|               |                                                 | T-360      |        |             |
| 359<br>3      | 11 WEIGH INTO V-359 CHECKED # M 52.34.96        | 868        | 423-D  | 303         |
| SV<br>4       | 12 RUN 20" (996 G) WATER INTO V- 242            |            |        |             |
|               | 13 RUN IN FROM V-354 CHECKED BY: # M 57.27.58 % | 18263      | 41-D   | 5110        |
|               | RECORD: G/ML 1.306 (1.270-1.328)                |            |        |             |
|               | RECORD: PH (2.2-3.7)                            |            |        |             |
|               | 14 ADJ TO 79" (3770G) AT 67-69°F                |            |        |             |
|               | RECORD: TEMP 68 °F                              | 13         | 57-A   | 4290        |
|               | 15 STIR 5 MIN & RECORD: PH 3.1 (2.2-3.7)        |            |        |             |
|               | 16 IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60%   |            | 33-D   |             |
|               | RECORD: PH                                      |            |        |             |
|               | NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE       |            |        |             |
|               | ADDING ASSUME 50%                               |            | 7-D    |             |
|               | RECORD: 1.132 G/ML (1.135-1.138)                |            |        |             |
|               | NOTE: IF G/ML OUT OF LIMITS FILL OUT            |            |        |             |
|               | CHECK LIST & ATTACH                             |            |        |             |
|               | 18 STIR AT 67-69°F FOR S 28                     |            |        |             |
| 358<br>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 9.9 (9.0-10.0)       |            |        |             |
|               | 24 ADJ TO PH 9.8-9.9 & RECORD: PH               |            |        |             |
|               | ASSUME 50%                                      |            | 7-D    |             |
|               | ASSUME 60%                                      |            | 33-D   |             |
|               | 25 ADD N-33-D FROM S 2 (PUMP FROM V-351,        |            |        |             |
|               | FLUSH WITH 1000# WATER )                        |            |        |             |
|               | 26 ADJ TO 66" (3121 G) AT 67-69°F               |            |        |             |
|               | RECORD: VOL 66 " & 68 °F                        |            |        |             |
|               | 27 STIR 5 MIN & RECORD: PH 7.6 (7.4-7.6) &      |            |        |             |
|               | G/ML 1.082 (1.080-1.083)                        |            |        |             |
|               | NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK       |            |        |             |
|               | LIST & ATTACH                                   |            |        |             |

MAY 26 1981

EQUIP

PAGE 2 CG 01 YE-698-D EST WGT 5632#

USE  
LBSN-  
CODEUSE  
LBS

28 OBTAIN 1 QT SAMPLES OF S-18 & S-27  
SOLUTIONS & TITRATE TWICE  
RECORD: LOWEST PH 2.21 & ML N-10-D 2.19  
LOWEST PH 2.21 & ML N-10-D 2.19  
NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE  
6.8-7.1 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  
ADJUST V-358 TO OBTAIN A TITRATION PH = 2.20  
~~(2.00-2.10)~~ (2.15-2.25)

10

33-D  
7-D

7

SV  
6

29 WHEN S-28 TITRATION OK, STRIKE V-358 THRU  
BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN  
16-18 MIN  
RECORD: START 4:00 PM, TOTAL MIN 17  
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 2.0 (1.8-2.5)  
PBXS, + (MUST BE +)  
33 STIR TOTAL OF 15 MIN FROM S-30 &  
RECORD: TEMP 73 °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  
WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP  
POURING UNTIL FOAM SUBSIDES  
45 DUMP IN  
46 STIR 10 MIN 58  
47 RECORD: PH 5.8 (5.8-6.0)  
48 IF NECESSARY, ADJ TO PH 5.8-6.0  
& RECORD: PH 5.5  
49 RECORD: TIME 5:15 PM  
50 FLOOD TO 153" (7619 G)  
51 STOP AGITATOR

350

128-A 350

ASSUME 50%  
ASSUME 66%7-D  
33-D

START FINISH OPTR HELPER  
1:30 PM 3:00 PM 144 050  
3:00 PM 5:20 PM 486 69