

S.V. 242 OR 245 ONLY

DATE PRINTED: 6/22/82

CG 01 CODE YE-698-D

PROCESSES APPROVED BY  
( ) YE-698-D (S) FWP 06/22/82JUN 24 1982  
( DATE )G2H38  
( LOT )5527\* LBS.  
( EST WGT )COMTYP JOB NAME: 01YE698DMS  
TYPED BY: JMW

| EQUIP<br>MENT | NAME: MOLYBDATE ORANGE                                                                 | USE<br>LBS | N-CODE | ACCT<br>LBS |
|---------------|----------------------------------------------------------------------------------------|------------|--------|-------------|
| PREP          | 1 OBTAIN FOR S-20                                                                      | 84✓        | 108-A  | 84          |
| 1             | 2 CALCULATE & SET ON BADGER METER FOR S-23<br>64.40 %                                  | 93         | 33-D   | 60          |
|               | 3 OBTAIN FOR S-28                                                                      | 734✓       | 4-A    | 734         |
|               | 4 OBTAIN FOR S-32                                                                      | 146✓       | 3-A    | 146         |
|               | 5 OBTAIN FOR S-34                                                                      | 237✓       | 32-D   | 237         |
|               | 6 OBTAIN FOR S-38                                                                      | 350✓       | 3-A    | 350         |
|               | 7 OBTAIN FOR S-41                                                                      | 70✓        | 711-B  | 70          |
| 351<br>2      | 8 WEIGH INTO V-351 CHECKED BY: # 1208.3016%                                            | 4901       | 10-D   | 1885        |
| 359<br>3      | 9 WEIGH IN. OFTR 101, MK 37, T-300, 26.34%<br>OFTR, MK, T- %                           | 1151       | 423-D  | 305<br>356  |
| SV<br>4       | 10 RUN 20" (996 G) WATER INTO V- 245                                                   |            |        |             |
|               | 11 RUN IN FROM V-354. OFTR 209, MK 277, 90°F<br>RECORD: G/ML 1311 (1.270-1.328) 28.33% |            | 41-D   | 5110        |
|               | RECORD: PH 2.6 (2.2-3.7)                                                               |            |        |             |
|               | 12 ADJ TO 76" (3625G) AT 67-69°F                                                       | 1980       | 57-A   | 1980        |
|               | RECORD: TEMP 67 °F                                                                     |            |        |             |
|               | 13 STIR 5 MIN & RECORD: PH 3.9 (2.2-3.7)                                               |            |        |             |
|               | 14 IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60%                                          | 3          | 33-D   | 2           |
|               | RECORD: PH 3.1                                                                         |            |        |             |
|               | NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE<br>ADDING ASSUME 50%                         |            | 7-D    |             |
|               | 15 RECORD: 1.142 G/ML (1.142-1.144)                                                    |            |        |             |
|               | NOTE: IF G/ML OUT OF LIMITS FILL OUT<br>CHECK LIST & ATTACH                            |            |        |             |
|               | 16 STIR AT 67-69°F FOR S26. TAKE 1 QT SAMPLE.                                          |            |        |             |
| 358<br>5      | 17 RUN 10" (500 G) WATER INTO V-358                                                    |            |        |             |
|               | 18 RUN V-359 INTO V-351 & PUMP IN V-351                                                |            |        |             |
|               | 19 ADJ TO 55" (2600 G)                                                                 |            |        |             |
|               | 20 SIFT IN N-108-A FROM S 1                                                            |            |        |             |
|               | 21 STIR 5 MIN & RECORD: PH 10.2 (9.0-10.0)                                             |            |        |             |
|               | 22 ADJ TO PH 9.8-9.9 & RECORD: PH 9.8                                                  |            |        |             |
|               | ASSUME 50%                                                                             |            | 7-D    |             |
|               | ASSUME 60%                                                                             | 3          | 33-D   | 2           |
|               | 23 ADD N-33-D FROM S 2 USING BADGER METER                                              |            |        |             |
|               | 24 ADJ TO 66" (3121 G) AT 67-69°F                                                      |            |        |             |
|               | RECORD: VOL 66" & 68" °F                                                               |            |        |             |
|               | 25 STIR 5 MIN & RECORD: PH 7.4 (7.4-7.6) &<br>G/ML 1.082 (1.080-1.083)                 |            |        |             |
|               | NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK<br>LIST & ATTACH. TAKE 1 QT SAMPLE           |            |        |             |

JUN 30 1982

N32806

|    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |             |     |
|----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|-----|
| 26 | SV  | <p>OBTAIN 1 QT SAMPLES OF S-16 &amp; S-25 SOLUTIONS &amp; TITRATE TWICE<br/> RECORD: LOWEST PH <u>2.78</u> &amp; ML N-10-D <u>7.38</u><br/> LOWEST PH <u>2.04</u> &amp; ML N-10-D <u>7.66</u><br/> NOTIFY SUPV IF ML N-10-D IS NOT IN RANGE 7.1-7.4 OR IF THE TWO TITRATIONS DIFFER BY MORE THAN 0.10 ML N-10-D (IF YES, FLUSH ALL EQUIPMENT &amp; REPEAT TITRATIONS)<br/> DO NOT PROCEED IF N-10-D TITRATION IS OUT OF RANGE<br/> ADJUST V-358 TO OBTAIN A TITRATION PH = 2.05 (2.00-2.10)</p> | 50    | 33-D<br>7-D | 32  |
| 27 | SV  | <p>WHEN S-26 TITRATION OK, STRIKE V-358 THRU BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 16-18 MIN<br/> RECORD: START <u>4:48 P</u> TOTAL MIN <u>18</u><br/> NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS &amp; BUBBLES APPEAR IN SIGHT GLASSES</p>                                                                                                                                                                                                                                             |       |             |     |
| 28 | 6   | IMMEDIATELY DUMP IN N-4-A FROM S 3 & SET TIMER FOR 15 MINUTES                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |     |
| 29 |     | DURING S 28, WASH IN V-358                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |             |     |
| 30 |     | STIR 2 MIN & RECORD PH <u>1.8</u> (1.8-2.5)<br>PBXS, <u>+</u> (MUST BE +)                                                                                                                                                                                                                                                                                                                                                                                                                       |       |             |     |
| 31 |     | STIR TOTAL OF 15 MIN FROM S-28 & RECORD: TEMP <u>72</u> *F (67-73*F)                                                                                                                                                                                                                                                                                                                                                                                                                            |       |             |     |
| 32 |     | DUMP N-3-A FROM S-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |             |     |
| 33 |     | STIR 3 MIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |             |     |
| 34 |     | POUR IN N-32-D FROM S-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |             |     |
| 35 |     | STIR 2 MIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |             |     |
| 36 |     | RUN IN USING BADGER METER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 734   | 115-D       | 367 |
| 37 |     | STIR 3 MIN & FLUSH ALUM LINE WITH WATER.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |             |     |
| 38 |     | DUMP IN N-3 FROM S-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |             |     |
| 39 |     | STIR 4 MIN FOR S-43                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |             |     |
| 40 | 390 | RUN IN USING WEIGHT & FLOW CONTROL PANEL                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |             |     |
|    | 7   | MK <u>1</u> , <u>28.89</u> %                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 351   | 28-D        | 105 |
|    |     | MK _____ %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       | 28-D        |     |
| 41 |     | DURING S-39 SIFT N-711-B FROM S-7 INTO V-390 WITH AGITATOR ON IN 1-2 MIN                                                                                                                                                                                                                                                                                                                                                                                                                        |       |             |     |
| 42 |     | STIR 1-2 MIN TO MILKY SOLUTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |             |     |
| 43 | SV  | WHEN S-39 COMPLETE, IMMEDIATELY RUN IN N-711-B SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV                                                                                                                                                                                                                                                                                                                                                                                                     |       |             |     |
|    | 8   | WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP UNTIL FOAM SUBSIDES.                                                                                                                                                                                                                                                                                                                                                                                                                                |       |             |     |
| 44 |     | DUMP IN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 330 ✓ | 128-A       | 330 |
| 45 |     | STIR 10 MIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |             |     |
| 46 |     | RECORD: PH <u>5.8</u> (5.8-6.0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |             |     |
| 47 |     | IF NECESSARY, ADJ TO PH 5.8-6.0 & RECORD: PH _____                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 7-D         |     |
| 48 |     | RECORD: TIME _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 33-D        |     |
| 49 |     | FLOOD TO 153" (7619 G)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |             |     |
| 50 |     | STOP AGITATOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |     |
|    |     | START FINISH OPTR HELPER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |             |     |
|    |     | <u>300P</u> <u>600P</u> <u>204</u> <u>482</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |     |

N32806.01

ME-71190

7.66  
2.04

7.38  
2.78

7.678  
6.21138  
6/29/82  
gfa

