CG 01 CODE YC-10-B

1/22/82 A2K43
( DATE ) (LOT NUMBER)

OK

PROCESSES APPROVED BY
(G) YC-10-B ( ) FWP 11/12/81
COMTYP JOB NAME: 01YC010DMG

ESTIMATED WGT 5575* LBS. STANDARD HRS. _____ TIME _____M

| EQUIPMENT | | NAME: MOLYBDATE ORANGE | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| PREP 1 | 1 | OBTAIN FOR S-20 | 84 | 108-A | 84 |
| | 2 | WEIGH FOR S 23 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 | 300 | 3-A | 300 |
| | 7 | OBTAIN FOR S-41 | 70 | 711-B | 70 |
| 351 2 | 8 | WEIGH INTO V-351 CHECKED BY:# M20 38.81% | 4857 | 10-D | 1885 |
| 359 3 | 9 | WEIGH IN. OPTR ____, MK 1, T-360, 36.03 OPTR ____, MK ___, T-____, _____% | 841 | 423-D | 303 |
| SV 4 | 10 | RUN 20" (996 G) WATER INTO V-245 | | | |
| | 11 | RUN IN FROM V-354. OPTR 259, MK 30, 120 *F RECORD: G/ML 1314 (1.270-1.328) 28.54 % RECORD: PH 2.2 (2.2-3.7) | 17905 | 41-D | 5110 |
| | 12 | ADJ TO 76" (3625G) AT 67-69*F RECORD: TEMP 68 *F | | 57-A | |
| | 13 | STIR 5 MIN & RECORD: PH 2.9 (2.2-3.7) | | | |
| | 14 | IF NECESSARY, ADJ TO PH 3.0-3.1 ASSUME 60% RECORD: PH 3.1 | | 33-D | |
| | | NOTE: DILUTE N-7-D 10:1 WITH WATER BEFORE ADDING ASSUME 50% | 1 | 7-D | 1 |
| | 15 | RECORD: 1.142 G/ML (1.142-1.144) NOTE: IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH | | | |
| | 16 | STIR AT 67-69*F FOR S26. TAKE 1 QT SAMPLE. | | | |
| 358 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 9.3 (9.0-10.0) | | | |
| | 22 | ADJ TO PH 9.8-9.9 & RECORD: PH 9.9 ASSUME 50% | 6 | 7-D | 7 |
| | | ASSUME 60% | | 33-D | |
| | 23 | ADD N-33-D FROM S 2 (PUMP FROM V-351, FLUSH WITH 1000# WATER ) | | | |
| | 24 | ADJ TO 66" (3121 G) AT 67-69*F RECORD: VOL 66" & 68 *F | | | |
| | 25 | STIR 5 MIN & RECORD: PH 7.7 (7.4-7.6) & G/ML 1.081 (1.080-1.083) NOTE IF G/ML OUT OF LIMITS FILL OUT CHECK LIST & ATTACH. TAKE 1 QT SAMPLE | | | |

FEB 1 1982

DUP050109601

| EQUIP | | PAGE 2 · CG 01 YC-10-B | USE LBS | N- CODE | ACCT LBS |
|---|---|---|---|---|---|
| | 26 | OBTAIN 1 QT SAMPLES OF S-16 & S-25 SOLUTIONS & TITRATE TWICE | | | |
| | | RECORD: LOWEST PH _____ & ML N-10-D _____ | | | |
| | | LOWEST PH _____ & ML N-10-D _____ | | | |
| | | 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 & REPEAT TITRATIONS) | | | |
| | | DO NOT PROCEED IF N-10-D TITRATION IS OUT OF RANGE | | | |
| | | ADJUST V-358 TO OBTAIN A TITRATION PH = 2.15 (2.10-2.20) | _____ | 33-D | _____ |
| | | | _____ | 7-D | _____ |
| | 27 | WHEN S-26 TITRATION OK , STRIKE V-358 THRU | | | |
| SV 6 | | BOTH UNDERSURFACE DISTRIBUTORS INTO SV IN 16-18 MIN | | | |
| | | RECORD: START 5:15PM, TOTAL MIN 18 | | | |
| | | NOTE: STRIKE TIME UP WHEN 1/2 VAT BOTTOM SHOWS & BUBBLES APPEAR IN SIGHT GLASSES | | | |
| | 28 | 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 1.95 (1.8-2.5) | | | |
| | | PBXS, + (MUST BE + ) | | | |
| | 31 | STIR TOTAL OF 15 MIN FROM S-28 & RECORD: TEMP 73 *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-A | 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 | RUN IN USING WEIGHT & FLOW CONTROL PANEL | | | |
| 390 7 | | MK _____, 29.89 % | 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 | | | |
| SV 8 | 43 | WHEN S-39 COMPLETE, IMMEDIATELY RUN IN N-711-B SOLUTION GRADUALLY OVER 5 MIN PERIOD INTO SV | | | |
| | | WATCH FOAM!!! IF FOAMING IS EXCESSIVE, STOP UNTIL FOAM SUBSIDES. | | | |
| | 44 | DUMP IN | 350 | 128-A | 350 |
| | 45 | STIR 10 MIN | | | |
| | 46 | RECORD: PH 5.4 (5.8-6.0) | | | |
| | 47 | IF NECESSARY, ADJ TO PH 5.8-6.0 & RECORD: PH 5.9 ASSUME 50% | 30 | 7-D | 15 |
| | | ASSUME 66% | _____ | 33-D | _____ |
| | 48 | RECORD: TIME 6:30PM | | | |
| | 49 | FLOOD TO 153" (7 | | | |
| | 50 | STOP AGITATOR | | | |

| START | FINISH | OPTR | HELPER |
|---|---|---|---|
| 100P 1:00PM | 390P 6:30PM | 301 82 | 259 325 |

DUP050109602