

EST WGT

MAY -08-11- ETTTU  
3256 LBS

STD HRS

TIME

M

|              |     |
|--------------|-----|
| ( )          | ( ) |
| ( )          | ( ) |
| ( )          | ( ) |
| Re- TYPED BY |     |
| MM           |     |

DONE PRECUT SPARKLER

NON-BLEEDING

| UIPMENT   | NAME:                                                                                                                                                                                                   | USE<br>LBS | N<br>CODE | ACCT<br>LBS |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-------------|
|           | "WATCHUNG" RED B                                                                                                                                                                                        |            |           |             |
|           | NOTE: Do not start if press will not be available within<br>3 hrs. after making. Making Supv to review with<br>P.R. Supv & Record:<br>Press will be ready M / P.R. Supv<br>Start Making M / Making Supv |            |           |             |
| PREP<br>1 | 1 If necessary, clean, dress Sparkler & pre-coat with 15# (Firex A10)                                                                                                                                   |            | 777-A     |             |
|           | 2 Obtain for S 11 (RED 10 ACID DUMPNT)                                                                                                                                                                  |            | 740-D     |             |
|           | 3 Obtain for S 35 (BOIL CYANAMID)                                                                                                                                                                       |            | 253-C     |             |
|           | 4 Install DV & CV Recorder & Controller charts                                                                                                                                                          |            |           |             |
| 5<br>7:21 | 5 Run 10" (100 G) water into V-922 & heat to 80-100°F                                                                                                                                                   |            |           |             |
|           | 6 Add in 2-3 min (DREINATE X)                                                                                                                                                                           | 142        | 530-A     | 142         |
|           | 7 Stir 5 min & Record: pH 9.8 (9.5-10.5)                                                                                                                                                                |            |           |             |
|           | 8 Stir 20 min or longer to dissolve for S 45                                                                                                                                                            |            |           |             |
| DONE      | 9 NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V-922                                                                                                                                                  |            |           |             |
| 9:22      | 10 Run 30" (221 G) water into V-922                                                                                                                                                                     |            |           |             |
| 3         | 11 Weigh in V-926 & run in M 7. 98.79 % (CAUSTIC SOLID)                                                                                                                                                 |            | 7-D       | 235         |
|           | 12 Turn on agitator & steam & dump in from S 2                                                                                                                                                          |            | 740-C     | 1200        |
|           | Lot # 100%<br>171 1200 98.4                                                                                                                                                                             | 1220       |           |             |
|           | 13 Dump in (ACTIVATED CARBON)                                                                                                                                                                           | 25         | 113-A     | 25          |
|           | 14 Dump in                                                                                                                                                                                              | 10         | 777-A     | 10          |
|           | 15 Heat to 212-214°F Record: HT °F; Rec °F Watch Foam                                                                                                                                                   |            |           |             |
|           | 16 Record: BY (+) if necessary adj to +BY Assume 50%                                                                                                                                                    |            | 7-D       |             |
|           | 17 Stir 30 min at 212-214°F then shut off steam Watch Foam                                                                                                                                              |            |           |             |
|           | 18 Circulate 15 min or longer thru Sparkler until sol'n is<br>clear. Maintain at 190-195°F for S 20                                                                                                     |            |           |             |
|           | Record: Start 1:30 PM, Total Min 20, Clarity OK                                                                                                                                                         |            |           |             |
|           | HT 195 °F & Rec 195 °F                                                                                                                                                                                  |            |           |             |
| M SC<br>4 | 19 Measure units in V-928 for S 30 M 2, 30.00 % (Hydrochloric Acid)                                                                                                                                     |            | 573-D     | 573         |
| IV<br>5   | 20 Run 6" (669g) water into V-903                                                                                                                                                                       |            |           |             |
|           | 21 When S 17 complete, pump in V-922 thru Sparkler. Maintain<br>V-922 at 190-195°F. Record: Start 1:50 PM Total Min 25                                                                                  |            |           |             |
| 304<br>6  | 22 Run 90" (2600g) water into V-904                                                                                                                                                                     |            |           |             |
|           | 22A Dump in & stir to smooth slurry (LIME HYDRATED)                                                                                                                                                     | 569        | 542-A     | 569         |
|           | 22A Add and stir for S 39 Assume 50%                                                                                                                                                                    | 58         | 7-D       | 27          |

| EQUIPMENT  | PAGE 2 | CG 32 CODE                                                                                                | RC-14-A | EST. WGT. | 2288                     | LBS.     | USE<br>LBS. | IN<br>CODE | ACC.<br>LBS. |
|------------|--------|-----------------------------------------------------------------------------------------------------------|---------|-----------|--------------------------|----------|-------------|------------|--------------|
| MISC<br>7  | 23     | Weigh in PT for S 32                                                                                      | M       | In        | 33.68 %                  | 1131     | 725-A       | 382        |              |
| 922<br>8   | 24     | When S 20 complete, stop pump & insert V-922 foot plug                                                    |         |           | (SODIUM NITRATE)         |          |             |            |              |
|            | 25     | Run in 10" (209 G) water & heat to 190-195°F CIRCULATE 15 MIN THRU SPARKLER. PUMP                         |         |           |                          |          |             |            |              |
| CV         | 26     | Run in 8" (160 G) WATER INTO V-922 & HEAT TO 190-195°F. CIRCULATE 15 MIN THRU SPARKLER INTO CV            |         |           |                          |          |             |            |              |
| 9          | 27     | Pump V-922 thru Sparkler into CV                                                                          |         |           |                          |          |             |            |              |
|            | 28     | When MT blow out Sparkler into CV                                                                         |         |           |                          |          |             |            |              |
|            | 29     | Pour in                                                                                                   |         |           | (TIGEPAL CO-630)         | 6.8      | 979-A       | 68         |              |
|            | 30     | Heat to 165-170°F                                                                                         |         |           |                          |          |             |            |              |
|            | 31     | Run in N-28-D from S 18 in 12-15 min                                                                      |         |           |                          |          |             |            |              |
|            | 32     | Adj to 34" (3223g) at 32-38°F using Mano                                                                  |         |           | (ILE)                    | 54       | 50 x 330    | 57-A       | 1782C        |
|            |        | Record: Mano " Stick 60 "                                                                                 |         |           |                          |          |             |            |              |
|            | 33     | Run in N-725-D from S 23 AFAP (5-10 Min)                                                                  |         |           |                          |          |             |            |              |
|            | 34     | Stir 30 min at 32-38°F maintaining +CR, +KI                                                               |         |           |                          |          |             |            |              |
|            |        | Record: CR + (+), KI + (+)                                                                                |         |           |                          |          |             |            |              |
|            |        | Note: (1) If CR-KI- add 20# "As is" increments Assume 32%                                                 |         |           |                          |          |             | 28-D       |              |
|            |        | Record: CR (+), KI (+)                                                                                    |         |           |                          |          |             |            |              |
|            |        | (2) If CR+KI- add 20# "As is" increments Assume 33%                                                       |         |           |                          |          |             | 725-A      |              |
|            |        | Record: CR (+), KI (+)                                                                                    |         |           |                          |          |             |            |              |
|            | 35     | Dump in                                                                                                   |         |           | (ALANK-FIXE F)           | 500      | 65-A        | 500        |              |
|            | 36     | Dump in from S 3 & stir 10 min                                                                            |         |           | Lot                      |          | 253-C       |            |              |
|            |        |                                                                                                           |         |           | 329                      | 16       |             |            | 1097         |
|            |        |                                                                                                           |         |           | 536                      | 1081     |             |            |              |
|            | 37     | Add for maintaining 32-38°F thru S 40 & record vol                                                        |         |           | 66 "                     | 30 x 330 | 57-A        | 1000       |              |
| 931<br>932 | 38     | Run 18" (363 g) water into V-931 & adj to 90-110°F                                                        |         |           | 932                      |          |             |            |              |
|            | 39     | Add & stir 20 min or longer to dissolve for S 44                                                          |         |           | (STRONTIUM NITRATE)      | 740      | 246-B       | 740        |              |
| 904<br>11  | 40     | Pour into V-904                                                                                           |         |           | (AQUA AMMONIA)           | 270      | 122-D       | 270        |              |
| CV<br>12   | 41     | Immediately couple V-904 thru undersuface distributor into CV AFAP (48-52 min). Maintain CV at 32-38°F    |         |           | (OPEN VALVE 1 1/4 TURNS) |          |             |            |              |
|            |        | Record: Start 7:50 AM                                                                                     |         |           |                          |          |             |            |              |
|            | 42     | Stir 15 min & record: Base + (+), Diazo (-)                                                               |         |           |                          |          |             |            |              |
|            |        | pH 9.5 (10.0-10.5)                                                                                        |         |           |                          |          |             |            |              |
|            | 43     | If pH is below 10.0 adj to pH 10.0-10.5 & Record: pH                                                      |         |           | 10.3                     |          |             |            |              |
|            |        | Assume 50%                                                                                                |         |           |                          | 100      | 7-D         | 50         |              |
|            | 44     | Stir 3 hours                                                                                              |         |           |                          |          |             | 28-D       |              |
|            | 45     | Assume 32%                                                                                                |         |           |                          |          |             |            |              |
|            | 46     | Steam eject V-931 into CV from S 38                                                                       |         |           |                          |          |             |            |              |
|            | 47     | Record: pH 10.2 (10.0-10.5) & if pH is below 10.0 Assume 50%                                              |         |           |                          |          |             | 7-D        |              |
|            |        | adj to pH 10.0-10.5 & Record: pH                                                                          |         |           |                          |          |             | 28-D       |              |
|            | 48     | Assume 32%                                                                                                |         |           |                          |          |             |            |              |
|            | 49     | Steam eject V-921 from S 8 into CV                                                                        |         |           |                          |          |             |            |              |
|            | 50     | Weigh in drum & pour in                                                                                   |         |           | (CETANOL)                | 25       | 588-A       | 25         |              |
|            | 51     | Heat to 193-195°F in 70-75 min & Record: HT 193°F                                                         |         |           |                          |          |             |            |              |
|            |        | REC 193°F                                                                                                 |         |           |                          |          |             |            |              |
|            | 52     | Stir 15 min at 193-195°F                                                                                  |         |           | Record: Start 1:55 PM    |          |             |            |              |
|            | 53     | Flood to 180-190" (± 18,000 g)                                                                            |         |           |                          |          |             |            |              |
|            | 54     | Record: pH 9.3 (9.5-10.0) if below 9.5, adj to pH 9.5-10.0                                                |         |           |                          |          |             |            |              |
|            |        | Record: pH 9.7                                                                                            |         |           |                          |          |             |            |              |
|            |        | Assume 50%                                                                                                |         |           |                          | 40       | 7-D         | 80         |              |
|            | 55     | If pH above 10.0 DO NOT ADJ.                                                                              |         |           |                          |          |             |            |              |
|            | 56     | Stop agitator                                                                                             |         |           |                          |          |             |            |              |
|            |        | When instructed by processing halfway thru pressing Dump in & stir 5 min. Stop agitator & resume pressing |         |           |                          |          |             |            |              |
|            |        |                                                                                                           |         |           |                          | 10       | 588-A       | 10         |              |
|            |        | START FIN OPTR                                                                                            |         |           |                          |          |             |            |              |
|            |        | 11:55 AM 7:00 AM 4:04                                                                                     |         |           |                          |          |             |            |              |
|            |        | 7:00 PM 2:30 PM 37                                                                                        |         |           |                          |          |             |            |              |







PRODUCT NAME = WATCHUNG RED B

CG 32 CODE RC-14-A PKG

LOT MAY-0-81 E 1006

EST'D WGT ~~280~~ 3256

TOTAL EST'D WGT= LBS (CRT ENTRY)

JOB NAME: 32RC14APG

NON-BLEEDING

PROCESSES

RC-14-A (G)

ALTERNATE

TYPED BY JMH

MAKING NOTES

→ Pump To 903 and fill  
remainder of batch from  
903 To  
make 901  
available  
for Making  
(RT. 444)

| INSTRUCTIONS                         |    |    | = PRESSING = | RECORD           |      |     |     |     |     |
|--------------------------------------|----|----|--------------|------------------|------|-----|-----|-----|-----|
| VAT                                  |    |    | 901          | PRESSLOAD        | 1ST  | 2ND | 3RD | 4TH | 5TH |
| DATE                                 |    |    | 4-27-81      | STARTED          | 6:27 |     |     |     |     |
| TIME                                 |    |    | 2:55A        | CAKES USED       | 80   |     |     |     |     |
| RELEASED BY                          |    |    | 25           | WATER ON         | 1:30 |     |     |     |     |
| PRESS                                | 95 | 96 |              | HRS. WASHED      |      |     |     |     |     |
| NO. OF CAKES                         | 80 | 80 |              | OHMS             |      |     |     |     |     |
| PRESS WITH AGITATION                 |    |    |              | HRS. WASHED      |      |     |     |     |     |
| WASH TO 3000 OHMS WITH 35-75 F WATER |    |    |              | OHMS             |      |     |     |     |     |
| TEST AFTER 3 HOURS                   |    |    |              | HRS. WASHED      |      |     |     |     |     |
| LOAD IN METAL DRUMS                  |    |    |              | OHMS             |      |     |     |     |     |
| PACK AT 360# NET WGT                 |    |    |              | CAKE CONDITION   |      |     |     |     |     |
|                                      |    |    |              | NO CARS LOADED   |      |     |     |     |     |
|                                      |    |    |              | EXPLAIN LOSSES   |      |     |     |     |     |
| SAMPLES 1 QT. JAR                    |    |    |              | SAMPLED BY #1169 |      |     |     |     |     |
| DELIVER TO CTL                       |    |    |              | RELEASED BY      |      |     |     |     |     |

= DRYING =

DO NOT DRY

= GRINDING =

DO NOT GRIND