

EST'D WGT 1032 LBS

STANDARD HRS. 10.8 TIME 7A M

APPROVED BY FWP 5/22/80

TYPED BY: FWP 5/22/80

CG CODE PQ LOT LBS  
 01 YC016B 93 36036 150#  
 01 YC016B 93 36405 450#  
 01 YC016B 93 36117 2850#  
 01 YC016B 93 36366 750#

01 YC016B 98 40#

HOMO 1 2

TOTAL EST'D WGT 5232

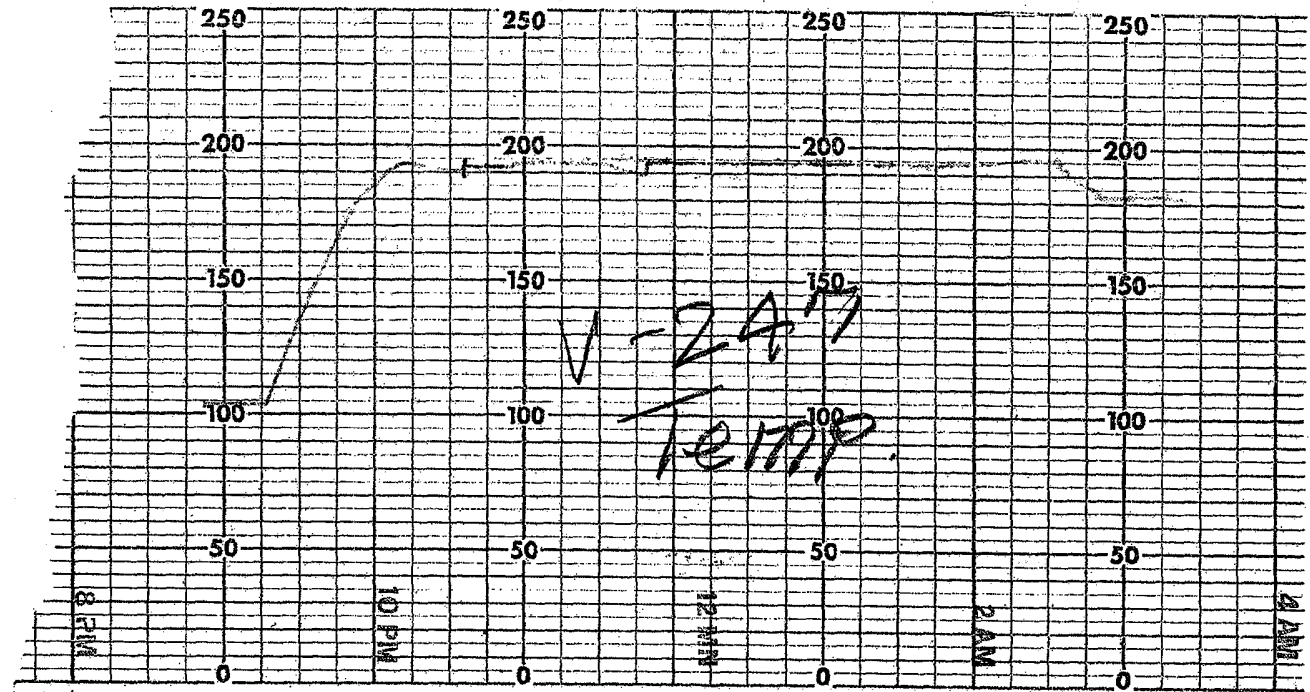
REQ. NO. ( )

NON-BLEEDING

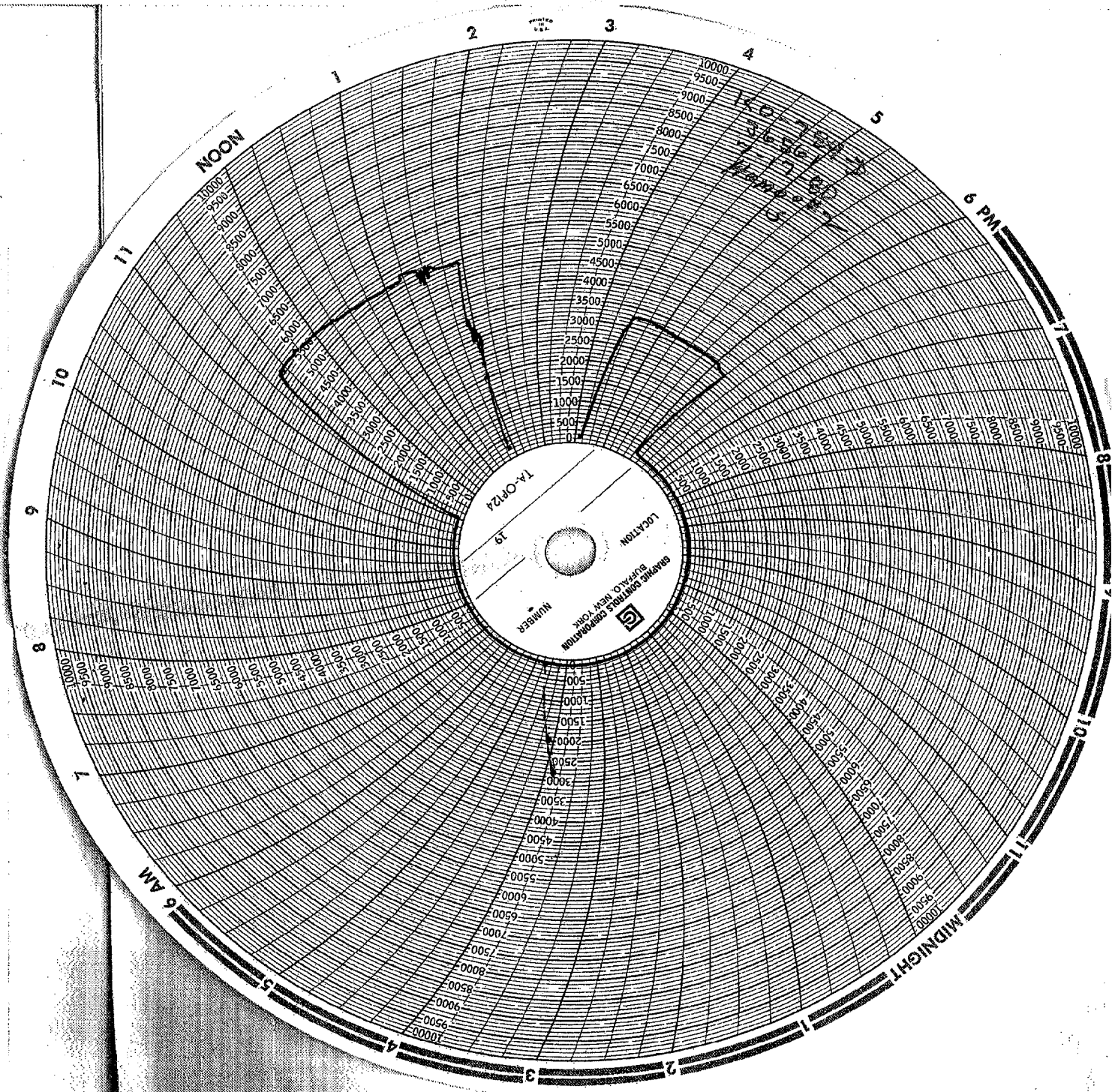
| EQUIP | NAME : "KROLOR" ORANGE Y                                                                        | USE LBS | NCODE | ACCT LBS |
|-------|-------------------------------------------------------------------------------------------------|---------|-------|----------|
| 211   | 1 RUN 60" (990 G) WATER IN V-211. SET AGITATOR ON HIGH SPEED.                                   |         |       |          |
| 208   | 2 WEIGH IN DRUM AND POUR IN                                                                     | 530     | 32-D  | 530      |
|       | 3 DUMP IN AND STIR 5 MIN                                                                        | 84X50   | YC16B | 4200     |
|       | RECORD: START 735                                                                               | 1X40    | YC16B | 40       |
|       | FIN 1080                                                                                        |         |       |          |
|       | 4 ADJUST TO 75" (1275 G)                                                                        |         |       |          |
|       | 5 WITH AGITATOR ON LOW SPEED PUMP V-211 THRU HOMO AT 2800-3200 PSI INTO V-208                   |         |       |          |
|       | 6 WHEN V-211 MTY, WASH COLOR THRU HOMO WITH MIN HOT WATER AT 2800-3200 PSI INTO V-208           |         |       |          |
|       | 7 RECORD: V-208 VOL. 39" & ADJUST TO 54" (1890G)                                                |         |       |          |
|       | 8 INSPECT HOMO STRAINER & CLEAN IF NECESSARY                                                    |         |       |          |
| 208   | 9 RUN 10" (514 G) WATER INTO V-247 START AGITATOR & INSTALL TEMP CHART                          |         |       |          |
| SV    | 10 PUMP V-208 THRU HOMO AT 4800-5200 PSI INTO SV. RECORD: TIME START 11:00 AM TOTAL MINUTES 150 |         |       |          |
| 2     | NOTE: IF HOMO PRESSURE FALLS BELOW 4800 PSI, 3-WAY VALVE WILL RECIRCULATE SLURRY TO V-208       |         |       |          |
|       | 11 WHEN V-208 MT, RUN IN 5" (240 G) WATER & PUMP THRU HOMO AT 4800-5200 PSI INTO SV             |         |       |          |
| 349   | 12 WHILE HOMO, RUN 6" (284 G) WATER INTO V-349                                                  |         |       |          |
|       | 13 RUN 1000# WATER INTO V-384 & HEAT TO 110-120°F                                               |         |       |          |
| 384   | 14 WEIGH INTO V-384 & PUMP TO V-349                                                             | 2545    | 32-D  | 2545     |
|       | 15 RUN 1000# WATER INTO V-384 & PUMP TO V-349                                                   |         |       |          |
| 3     | 16 ADJ V-349 TO 22" (1040 G) & STIR 15 MIN                                                      |         |       |          |
|       | 17 RECORD DENSITY: 1.086/ML (1.082-1.086)                                                       |         |       |          |
| IV    | 18 WHEN S-10 HOMO COMPLETE, ADJ SV TO 45" (2300 G)                                              |         |       |          |
|       | 19 RECORD: PH 10.5 & ADJ TO 11.1-11.3 USING N-7-D AT 5% (10 PARTS WATER TO 1 PART N-7-D)        |         |       |          |
| 4     | ASSUME 50% SIPHON N-7-D INTO SV & RECORD: PH 11.1                                               | 40      | 7-D   | 20       |
|       | 20 HEAT TO 190-194°F IN 55-65 MIN & REC: HT 186°F & RECORD: 192°F                               |         |       |          |
|       | NOTE: STRIKE MUST BE STARTED IMMEDIATELY ON COMPLETION OF HEATING.                              |         |       |          |

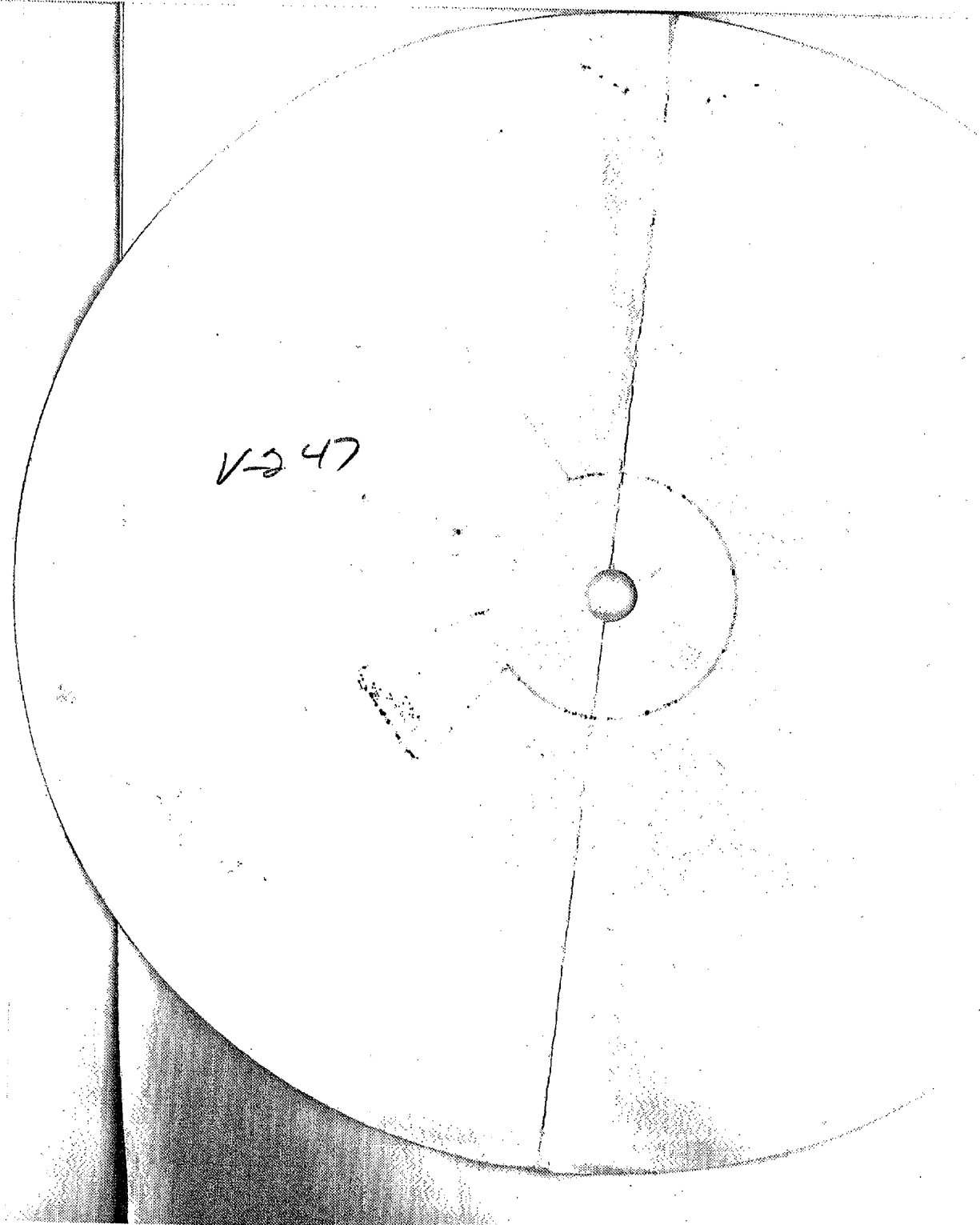
N34611

|       |    | USE                                                                                                                                | CODE      | USE            |
|-------|----|------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|       |    | LBS                                                                                                                                |           | LBS            |
| V-247 |    |                                                                                                                                    |           |                |
| 343   | 24 | WHILE HEATING SV, RUN 52" (1430 G) WATER INTO V-343                                                                                |           |                |
| &     | 22 | METER IN FROM V-386 M <u>42</u> , <u>1.089</u> #/GAL, <u>35.8</u> GAL                                                              | 27-D      | 390            |
| 386   | 23 | STIR 15 MIN OR LONGER                                                                                                              |           |                |
| 5     | 24 | RECORD: DENSITY <u>1.019</u> /ML (1.018-1.020)                                                                                     |           |                |
| SV    | 25 | WHEN S 20 HEATING COMPLETE, RECORD: PH <u>10.2</u>                                                                                 |           |                |
|       | 26 | SET V-343 ACID PUMP AT 65 SETTING (255 MIN)                                                                                        |           |                |
|       | 27 | SET V-349 SILICATE PUMP AT 54 SETTING (210 MIN)                                                                                    |           |                |
|       | 28 | IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV AT 190-194°F DURING STRIKE                                                         |           |                |
|       | 29 | RECORD: START FINISH MINUTES                                                                                                       |           |                |
|       |    | V-343 <u>5:00 P</u> <u>9:25 P</u> <u>265</u>                                                                                       |           |                |
|       |    | V-349 <u>5:00 P</u> <u>8:40 P</u> <u>220</u>                                                                                       |           |                |
|       |    | TIME V-343 V-349 SV NORMAL                                                                                                         |           |                |
|       |    | INCHES INCHES PH PH                                                                                                                |           |                |
|       |    | AT 20 MIN <u>5:20</u> <u>49</u> <u>50</u> (20) <u>10.0</u> <u>9.3-10.0</u>                                                         |           |                |
|       |    | 40 MIN <u>5:40</u> <u>45</u> <u>46</u> (18) <u>10.0</u> <u>9.3-10.0</u>                                                            |           |                |
|       |    | 1 HR <u>6:00</u> <u>41</u> <u>42</u> (16) <u>9.9</u> <u>9.3-10.0</u>                                                               |           |                |
|       |    | 2 1/4 HR <u>7:15</u> <u>25</u> <u>27</u> (8) <u>9.8</u> <u>9.3-10.0</u>                                                            |           |                |
|       |    | 3 1/2 HR <u>8:30</u> <u>11</u> (0) <u>9.7</u> <u>9.3-10.0</u>                                                                      |           |                |
|       |    | FINISH <u>9:25</u> (0) <u>9.0</u> (7.5-8.5)                                                                                        |           |                |
|       |    | NOTE: IF PH DROPS BELOW 9.3 IN FIRST HOUR, STOP PUMPS & SEE SUPV. IF FINAL PH IS ABOVE 8.5, ADJ TO 7.5-8.5 & RECORD: <u>8.0</u> PH |           |                |
|       |    | ASSUME 77%                                                                                                                         | <u>28</u> | 27-D <u>18</u> |
| 385   | 30 | RUN 31" (238 G) WATER INTO V-385 & HEAT TO 135-140°F                                                                               |           |                |
| 7     | 31 | DUMP IN & STIR TO DISSOLVE                                                                                                         | 530       | 15-A 530       |
| 302   | 32 | ADD 42" (514 G) WATER TO V-302                                                                                                     |           |                |
| 8     | 33 | ADD & STIR 2 MIN                                                                                                                   | 330       | 7-D 165        |
| SV    | 34 | WHEN V-349 MT, RINSE IN WITH MINIMUM WATER & SET PUMP AT ZERO SETTING                                                              |           |                |
| 9     | 35 | WHEN V-343 MT, RINSE IN WITH MINIMUM WATER & TURN OFF PUMP MOTOR                                                                   |           |                |
|       | 36 | STIR 30 MIN AT 190-194°F. THEN TURN OFF STEAM                                                                                      |           |                |
|       |    | RECORD: START <u>9:25 P M</u>                                                                                                      |           |                |
|       | 37 | RUN IN V-385 FROM S 31 & STIR 5 MIN                                                                                                |           |                |
|       | 38 | RECORD: PH <u>3.35</u> (3.4-3.8) & IF NECESSARY ADJ (DOWN ONLY) TO 3.4-3.8 & RECORD: PH                                            | 15-A      |                |
|       |    | NOTE: DISSOLVE EXTRA N-15-A IN WATER AT 135-140°F IN DRUM, USE 30 GAL WATER TO 50# N-15-A. STIR SW 5 MIN AFTER EACH ADDITION       |           |                |
|       | 39 | RUN IN N-7-D FROM S 33 IN 10-12 MIN & STIR 5 MIN                                                                                   |           |                |
|       | 40 | RECORD: PH <u>7.0</u> (6.2-6.4) & IF NECESSARY ADJ TO PH 6.2-6.4. RECORD: PH <u>6.4</u> ASSUME 77%                                 | <u>18</u> | 27-D <u>14</u> |
|       |    | DILUTE N-7-D 10 TO 1 WITH WATER ASSUME 50%                                                                                         |           |                |
|       |    | SIPHON N-7-D INTO SV                                                                                                               |           |                |
|       | 41 | POUR IN STIR 15 MIN                                                                                                                | 50        | 978-A 50       |
|       | 42 | STOP AGITATOR                                                                                                                      |           |                |
|       |    | START FINISH OPERATOR                                                                                                              |           |                |
|       |    | <u>3:00 P</u> <u>11:00 P</u> <u>235</u>                                                                                            |           |                |
|       |    | <u>7:40 A.M.</u> <u>3:00 P M</u> <u>54</u>                                                                                         |           |                |
|       |    | <u>3:00 P</u> <u>10:35 P M</u> <u>235</u>                                                                                          |           |                |



No. 215A250





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