( )RT-761-D (Q) EWK 1-12-82

JAN 20 1982 A2J84
( DATE ) (LOT NUMBER)

TYPED BY: JMH

EST. WT. 1882* LBS. STANDARD HRS. 9.3 TIME 7A M.

PREPARATION NOTES:

NON-BLEEDING

| EQUIP MENT | | NAME: WATCHUNG RED B | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| | | NOTE: BATCH MUST BE PRESSED PROMPTLY TO CONTROL COLOR. DO NOT START IF PRESS WILL NOT BE AVAILABLE WITHIN 3 HRS AFTER MAKING. RECORD: | | | |
| | | PRESS WILL BE READY_____M_____/ OK S.A PR SUPV | | | |
| | | START MAKING_____M_____/ EC MAKING SUPV | | | |
| | | NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V-922 | | | |
| | | NOTE: RUN 15" WATER INTO V-904. PUMP WATER FROM V-904 THRU DISTRIBUTOR. IF WATER DOES NOT COME OUT OF ALL DISTRIBUTOR HOLES WITH FULL FORCE, NOTIFY SUPERVISOR | | | |
| PREP 1 | 1 | RECORD: 1 BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15# DICALITE, FILTER AID | | 777-A | |
| | 2 | OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5-SULFONIC ACID | | 740-C | |
| | 3 | OBTAIN FOR S27 3-HYDROXY-2-NAPHTHOIC ACID | | 82-C | |
| | 4 | INSTALL DV & CV RECORDER & CONTROLLER CHART | | | |
| 921/ 931 2 | 5 | RUN 8" (80G) WATER INTO V-931 & ADJ TO 80-100 DEG F | | | |
| | 6 | ADD IN 2-3 MIN DRESINATE XX | 80 | 99-A | 80 |
| | 7 | STIR 5 MIN & RECORD PH 10.2 (9.5-10.5) | | | |
| | 8 | STIR 20 MIN OR LONGER TO DISSOLVE FOR S36 | | | |
| 922 3 | 9 | RUN 28" (578G) WATER INTO V-922 | | | |
| | 10 | WEIGH IN SODIUM HYDROXIDE IN V-926 & RUN IN M 5 , 4210 % | 331 | 7-D | 165 |
| | 11 | TURN ON AGITATOR & STEAM & DUMP IN FROM S2 | | 740-C | 843 |
| | | LOT #100% % | | | |
| | | 2-CHLORO 4-AMINO TOLUENE 5-SULFONIC ACID 248 843 99.06 | 851 | | |

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| EQUIP MENT | | PAGE 2 OF 4 CG 32 CODE RT-761-D (Q) | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| 922 3 CONT. | 12 | DUMP IN ACTIVATED CARBON | 25 | 113-B | 25 |
| | 13 | DUMP IN FILTER AID | 10 | 777-A | 10 |
| | 14 | HEAT TO 212-214 DEG F WATCH FOAM!! | | | |
| | 15 | RECORD: BY +/- MUST BE +, ADJ IF NECESSARY SODIUM HYDROXIDE ASSUME 50% | | 7-D | |
| | 16 | STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM WATCH FOAM! NOTE: RECORD SPARKLER PRESSURE 0 PSI. IF NOT ZERO NOTIFY SUPERVISOR. | | | |
| | 17 | CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 DEG F FOR S24. RECORD: START 7:35 PM TOTAL MIN 50 CLARITY OK | | | |
| | 18 | RECORD: HT 192 F & REC 194 F | | | |
| MISC 4 | 19 | WEIGH SODIUM NITRITE IN PT-1 FOR S45 M 9, 33.24 % | 821 | 725-A | 274 |
| | 20 | WEIGH SODIUM NITRITE IN DRUM FOR S51 M 9, 33.24 % | 96 | 725-A | 32 |
| | 21 | WEIGH SODUM NITRITE IN DRUM FOR S52 M 9, 33.24 % | 96 | 725-A | 32 |
| | 22 | MEASURE 96# UNITS IN V-928 FOR S42 HYDROCHLORIC ACID M 2, 27.82 % | 2358 | 28-D | 406 |
| 904/ CV 5 | 23 | RUN 1* ( G) WATER INTO V-903 | | | |
| | 24 | NOTE USE CV IF MTY, IF CV NOT MTY USE V-904 WHEN S18 IS COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F. RECORD: START 8:20 PM TOTAL MIN 45 | | | |
| 902 6 | 25 | RUN 48* (1257G) WATER INTO V-902 | | | |
| | 26 | WEIGH SODUM HYDROXIDE IN V-926 & RUN IN M 5, 79.80 % | 623 | 7-D | 345 |
| | 27 | DUMP IN FROM S3 LOT | | 82-C | 745 |
| | | 3-HYDROXY 2-NAPHTHOIC ACID 7344 | | | |
| | 27A | WEIGH 1-HYDROXY-2-NAPHTHOIC ACID ON POSTAL SCALE & ADD LOT | 26 | 180-C | 26 |
| | 28 | ADJ TO 70-90 DEG F & STIR TO DISSOLVE | | | |
| 922 7 | 29 | WHEN S24 COMPLETE, SHUT OFF PUMP & INSERT V-922 FOOT-PLUG | | | |
| | 30A | RUN IN 10* (209G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER. | | | |
| | | CIRCULATE 15 MIN THRU SPARKLER. | | | |
| 904/CV 8 | 30B | PUMP V-922 THRU SPARKLER INTO V-904/CV | | | |
| 922 9 | 30C | RUN IN 5* (104G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER. | | | |
| 904/CV 10 | 31 | PUMP V-922 THRU SPARKLER INTO V-904/CV | | | |
| | 32 | WHEN MTY BLOW OUT SPARKLER INTO V-904/CV | | | |

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| EQUIPMENT | | PAGE 3 OF 4 CG 32 CODE RT-761-D (Q) | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| 904/CV 10 CONT | 33 | DISSOLVE ALKANOL XC IN 20G WATER AT 135-145 F WATER FROM HOT WATER MIXER IN DRUM & POUR IN | 24 | 133-B | 24 |
| | 34 | HEAT V-904/CV TO 165-170 F FOR S41 | | | |
| 902 11 | 35 | WHEN S28 COMPLETE, MEASURE TRISULPHOIL SOAP D IN CALIBRATED CONTAINER, SLURRY WITH 46G WATER IN DRUM & POUR INTO V-902 | 76 | 39-A | 76 |
| | 36 | STEAM EJECT IN V-921/931 FROM S8 | | | |
| PT-2 12 | 37 | RUN SODIUM HYDROXIDE INTO PT M 5, 42.85% | 183 | 7-D | 96 |
| | 38 | ADJ TO 15" (54G) | | | |
| | 39 | STIR 5 MIN OR LONGER FOR S57 | | | |
| | | NOTE: IF N-740-C SOLUTION WAS PUMPED DIRECTLY FROM SPARKLER TO CV AT S'S 23 & 24, OMIT S'S 40 & 41 | | | |
| CV 13 | 40 | RUN 1" (95G) WATER INTO V-_____ | | | |
| | 41 | IF V-904 IS USED, PUMP V-904 AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN) MAINTAIN 165-170 DEG F RECORD: START_____ TOTAL MIN_____ | | | |
| | 42 | RUN IN N-28-D HYDROCHLORIC ACID FROM S22 IN 12-15 MIN. | | | |
| | 43 | STIR 5 MIN | | | |
| | 44 | ADJ TO 34" (3264G) AT 32-38 DEG F RECORD: TEMP 30 F, STICK 60 " | 36X330 | 57-A | 16,500 |
| | 45 | RUN IN N-725-A SODIUM NITRITE FROM S19 AFAP (5-10 MIN) & RINSE IN | | | |
| | 46 | STIR 20 MIN AT 32-38 F MAINTAINING +CR, +KI FOR S54 RECORD: TIME START 12:30 CR + (+) KI + (+) , NOTE: | _____ | 57-A | _____ |
| | | 1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS RECORD: CR____(+) KI____(+) HYDROCHLORIC ACID ASSUME 32% | _____ | 28-D | _____ |
| | | 2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS RECORD: CR____(+) KI____(+) SODIUM NITRITE ASSUME 33% | _____ | 725-A | _____ |
| | 47 | DUMP IN CALCIUM CHLORIDE | 850 | 20-A | 850 |
| | 48 | DUMP IN STRONTIUM NITRATE | 186 | 246-B,E | 186 |
| | 49 | DUMP IN BARIUM SULFATE | 80 | 65-A | 80 |
| | 50 | ADD FOR MAINTAINING AT 32-38 DEG F DURING COUPLING | 29X330 | 57-A | 9570 |
| | 51 | POUR IN N-725-A SODIUM NITRITE FROM S20 | | | |
| 902 14 | 52 | POUR N-725-A SODIUM NITRITE FROM S21 INTO V-902 | | | |
| | 53 | DUMP IN AMMONIUM CHLORIDE & STIR 2-3 MIN | 156 | 165-A | 156 |
| CV 15 | 54 | IMMEDIATELY COUPLE 902 THRU UNDERSUFACE DISTRIBUTOR INTO CV IN 18-22 MIN. MAINTAIN CV AT 32-38 DEG F. RECORD: START 2:00 am TOATL MIN. 20 | | | |
| | 55 | INSTALL 5/16" ORIFICE IN UNDERSURFACE ADDITION LINE | | | |
| | 56 | WHEN S54 COMPLETE, STIR 30 MIN & RECORD: BASE + (+) DIAZO + (+) PH 4 (5.0-6.0) | | | |

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| EQUIPMENT | | PAGE 4 OF 4 CG 32 CODE RT-761-D (Q) | USE LBS | N-CODE | ACCT LBS |
|---|---|---|---|---|---|
| CV 15 CONT | 57 | RUN IN N-7-D FROM S39 THRU 5/16" ORIFICE & RINSE IN RECORD: 50 MIN (40-50 MIN) | | | |
| | 58 | STIR 20 MIN & RECORD: PH 6.2 (7.0-8.5) | | | |
| | 59 | IF PH BELOW 7.0 ADJ TO PH 7.0-8.5 WITH N-7-D ONLY. RECORD PH 7.3 ASSUME 50% | 60 | 7-D | 30 |
| | 60 | WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN ASSUME 50% | 80 | 7-D | 40 |
| | 61 | STIR 15 MIN & RECORD: BASE + (+) DIAZO — (-) PH 9.7 (9.0-9.8) | | | |
| | 62 | IF PH BELOW 9.0 ADJ TO PH 9.0-9.8 WITH N-7-D ONLY. RECORD PH ____ SODIUM HYDROXIDE ASSUME 50% | | 7-D | |
| | 63 | MEASURE I OCTANOL IN CALIBRATED CONTAINER & POUR IN | 26 | 588-A | 28 |
| | 64 | HEAT TO 193-195 DEG F IN 75-80 MIN. RECORD START 5:45 AM | | | |
| | 65 | RECORD: HT 193 DEG F & REC 194 DEG F | | | |
| | 66 | STIR 60 MIN AT 193-195 DEG F. RECORD: START 8:30 AM | | | |
| | 67 | AFTER 20 MIN S66 STIR RECORD: PH 8.7 (8.8-9.3) | | | |
| | 68 | IF PH BELOW 8.8, ADJ TO PH 8.8-9.3 WITH N-7-D ONLY. RECORD PH 8.9 SODIUM HYDROXIDE ASSUME 50% | 20 | 7-D | 10 |
| | 69 | WHEN S66 COMPLETE, FLOOD TO 180-190° (+7-18,000G) | | | |
| | 70 | STOP AGITATOR | | | |
| | | WHEN INSTRUCTED BY PROCESSING AREA HALFWAY THRU PRESSING | | | |
| | | (1) DUMP IN I OCTANOL | 10 | 588-A | 10 |
| | | (2) STIR 5 MIN | | | |
| | | (3) ADVISE PROCESSING TO RESUME PRESSING | | | |

| START | FIN | OPTR |
|---|---|---|
| 5:30 PM | [illegible] | 166 |
| 11:00 PM | 7:00 | 101 |
| 7 AM | 9:45 AM | 114 |

Recording Cam Not operating properly, To measure Temp. Finish heating manually.

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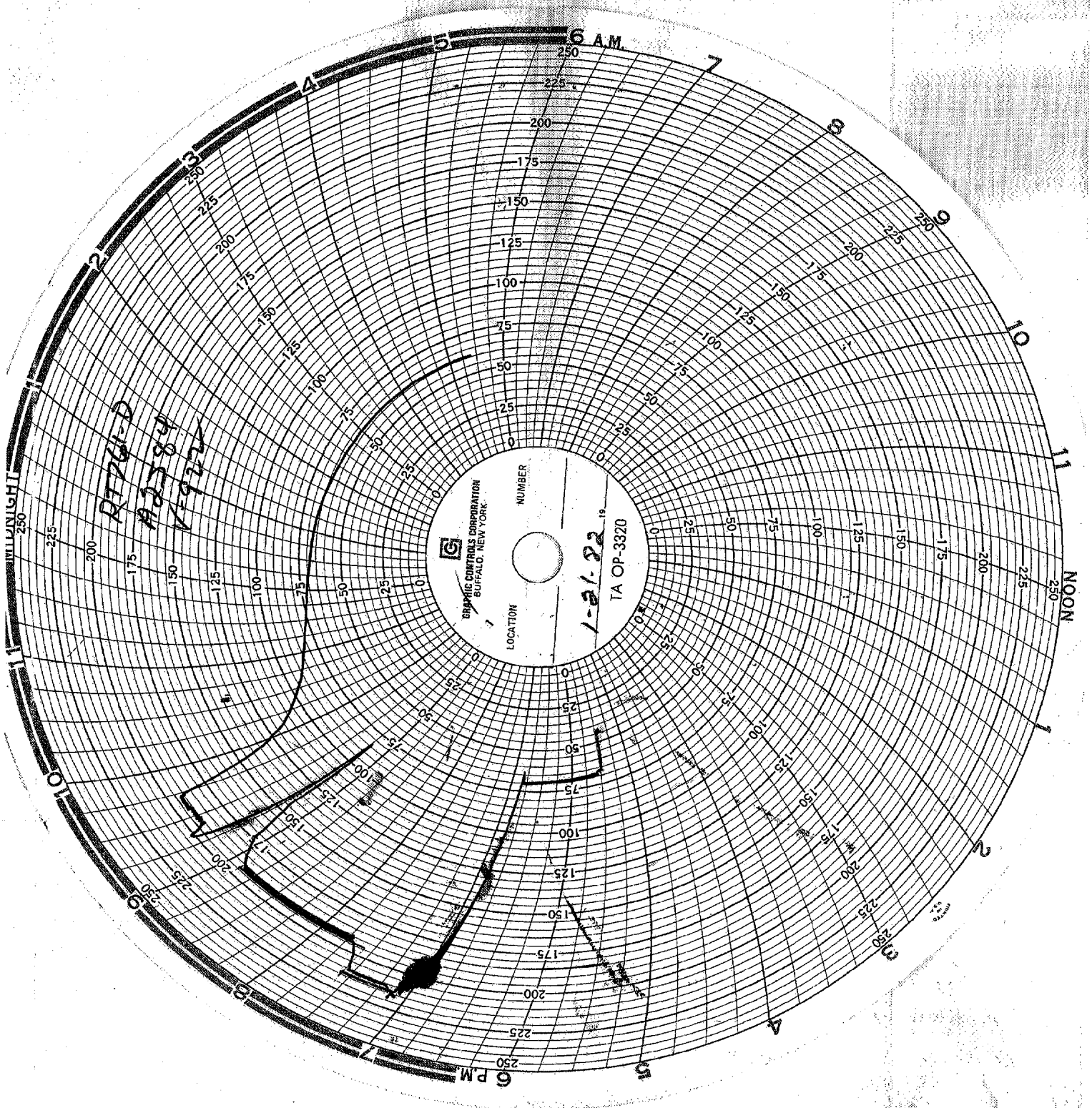


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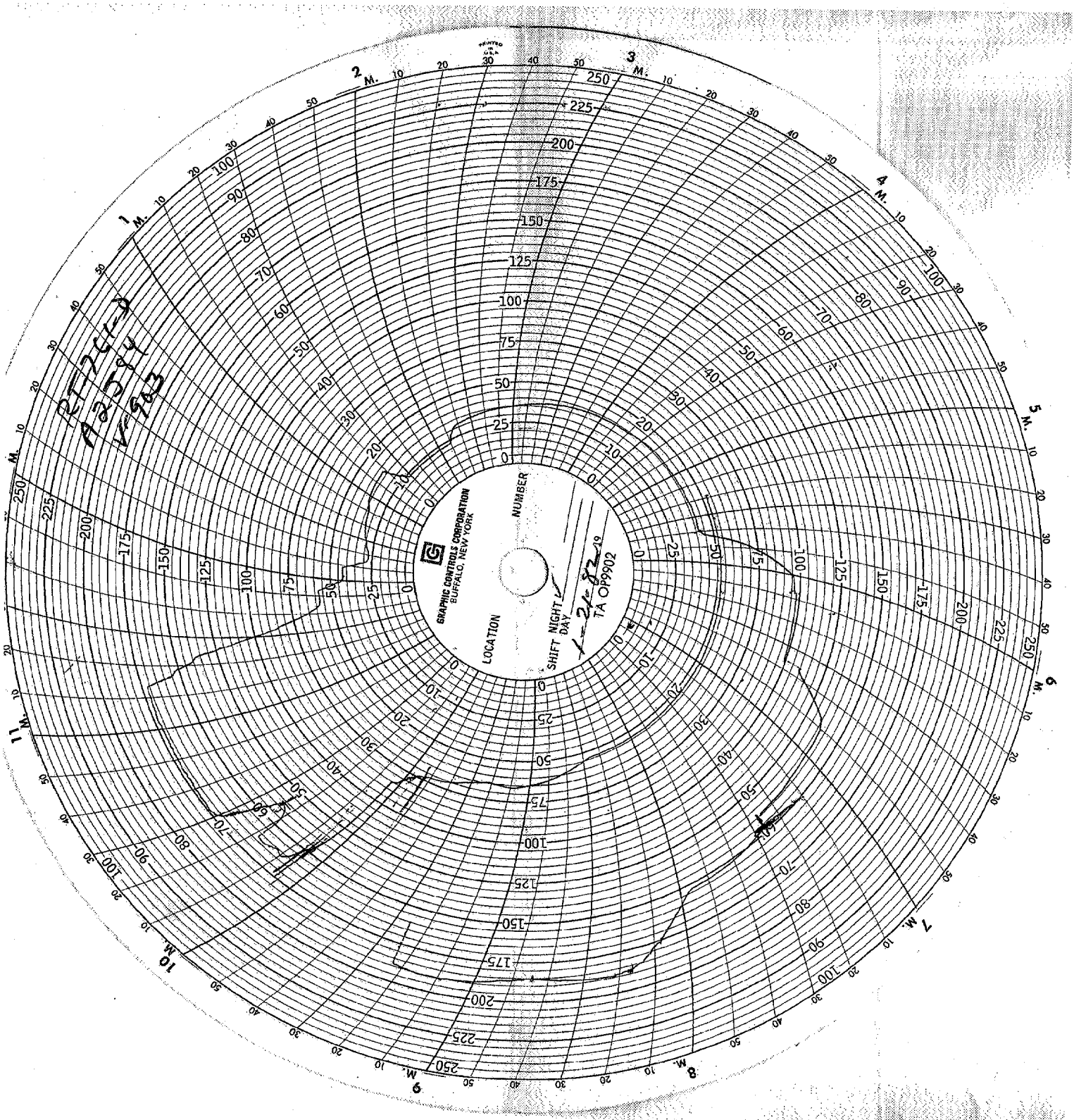


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