

S.V.

C.V. 901, 903

D.V. 904

DATE PRINTED: 12/03/81

CG 32

CODE RT-618-D PKG

PROCESSES

APPROVED BY

JUN 29 1982

G2H31

() RT-618-D (S)

JJG 3-18-81

EWK 11/12/81

(DATE)

(LOT NUMBER)

TYPED BY: JMH

EST. WT. 2760* LBS. STD/ HRS. TIME

COMTYP JOB NAME: 32RT618DMS

PREPARATION NOTES:

NON-BLEEDING

EQUIP MENT	NAME: WATCHUNG RED Y	USE LBS	N-CODE	ACCT LBS
PREP	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 S24 3-HYDROXY-2-NAPHTHOLIC ACID		253-C	
	4. INSTALL DV & CV RECORDER & CONTROLLER CHART NOTE: NOTIFY PRESS ROOM AND ROPE OFF AREA UNDER V-922			
921/ 931 2	5. RUN 10" (100G) WATER INTO V-922 & ADJ TO 80-100 DEG F 6. ADD IN 1-2 MIN. DRESINATEX 7. STIR 2 MIN & RECORD: PH 10.1 (9.5-10.5) 8. STIR 20 MIN OR LONGER FOR S27	63	530-A	63
922 3	9. RUN 34" (700G) WATER INTO V-922 10. WEIGH IN V-926 SODIUM HYDROXIDE & RUN IN M 1.0 49.55% 406 11. TURN ON AGITATOR & STEAM & DUMP IN FROM S2 2-CHLORO- LOT 100% 4-AMINOTOLUENE 284 64 28.57 650 5-SULFONIC 279 323 22.84 825 ACID 281 20 22.80 71 12. DUMP IN ACTIVATED CARBON 50 113-B 50 13. DUMP IN DICALITE FILTER AID 10 777-A 10 14. HEAT TO 212-214 DEG F, RECORD HT 212 * F, 212 DEG F WATCH FOAM 15. RECORD BY (+), IF NECESSARY ADJ TO +BY SODIUM HYDROXIDE ASSUME 50% 7-D 16. STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM WATCH FOAM JUL 1 1982 NOTE: RECORD: SPARKLER PRESSURE 0 PSI IF NOT ZERO, NOTIFY SUPERVISOR 20,000 N-7-0 19,000 17. CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S19 & RECORD: HT 196 DEG F AND RECORDER 196 DEG F RECORD: START 5:20 PM TOTAL MIN 20 CLARITY CLEAR NOTE: SAMPLE FROM HOSE - SHOW TO SUPERVISOR FOR O.K. OUT V-243 V-240 V-247			

N32911

DUP050464687

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-618-D (S)	USE LBS	N-CODE	ACCT LBS
904 4	17	RUN 1" (50G) WATER INTO V-904 WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START <u>5:40</u> , TOTAL MIN <u>55</u>			
MISC 5	20	WEIGH IN PT. FOR S35 SODIUM NITRITE M <u>9</u> , <u>33.36</u> %	<u>995</u>	725-A	332
	21	MEASURE <u>88 1/4</u> UNITS IN V-928 FOR S33 HYDROCHLORIC ACID M <u>1</u> , <u>29.89</u> %	<u>1402</u>	28-D	<u>419</u>
CV 6	22	RUN 16" (1530G) WATER INTO V- <u>904</u>			
	23	WEIGH IN V-926 SODIUM HYDROXIDE & RUN IN M <u>10</u> , <u>49.55</u> %	<u>1023</u>	7-D	507
	24	DUMP IN FROM S3 LOT 3-HYDROXY-2- <u>108</u> NAPHTHOIC ACID	<u>745</u>	253-C	<u>745</u>
	25	WEIGH IN 100% SODIUM HYDROXIDE & NAPTHTOIC ACID & RUN IN CV	<u>167</u>	<u>N-82</u>	<u>167</u>
	26	ADJ TO 70-90 DEG F & STIR TO DISSOLVE			
	27	STEAM EJECT V-921/931 INTO CV			
922 7	28	WHEN S19 COMPLETE, SHUT OFF PUMP & INSERT V-922 FOOT PLUG.			
	29A	RUN IN 10" (207G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER.			
904 8	29B	PUMP V-922 THRU SPARKLER INTO V-904			
922 9	170A	RUN IN 5" (103G) WATER INTO V-922 & HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER			
904 10	120B	PUMP V-922 THRU SPARKLER INTO V-904			
	131	WHEN MTY BLOW OUT SPARKLER INTO V-904			
	132	HEAT TO 165-170 F (SMPL TO SUPVR FOR O.K.)			
	133	RUN IN N-28-D FROM S21 IN 12-15 MIN & STIR 5 MIN AT 165-170 DEG F			
	134	ADJ TO 129" (3409G) AT 28-30 DEG F AND RECORD: TEMP <u>30</u> *F, <u>129</u> ICE	40X330	57-A	<u>15X330</u>
	135	RUN IN N-725-A FROM S20 AFAP (5-10 MIN) & RINSE IN PT			
	136	STIR 30 MIN AT 28-35 DEG F MAINTAINING +CR, +KI FOR S41 AND RECORD: TIME START <u>2:15</u> , CR <u>+</u> (+), KI <u>+</u> (+) NOTE (1) IF CR-, KI-, ADD 20% AS IS IN- CREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR <u>(+)</u> , KI <u>(+)</u> (2) IF CR+, KI-, ADD 20% AS IS INCREMENTS SODIUM NITRITE. ASSUME 33% RECORD: CR <u>(+)</u> , KI <u>(+)</u>		28-A	
				725-A	

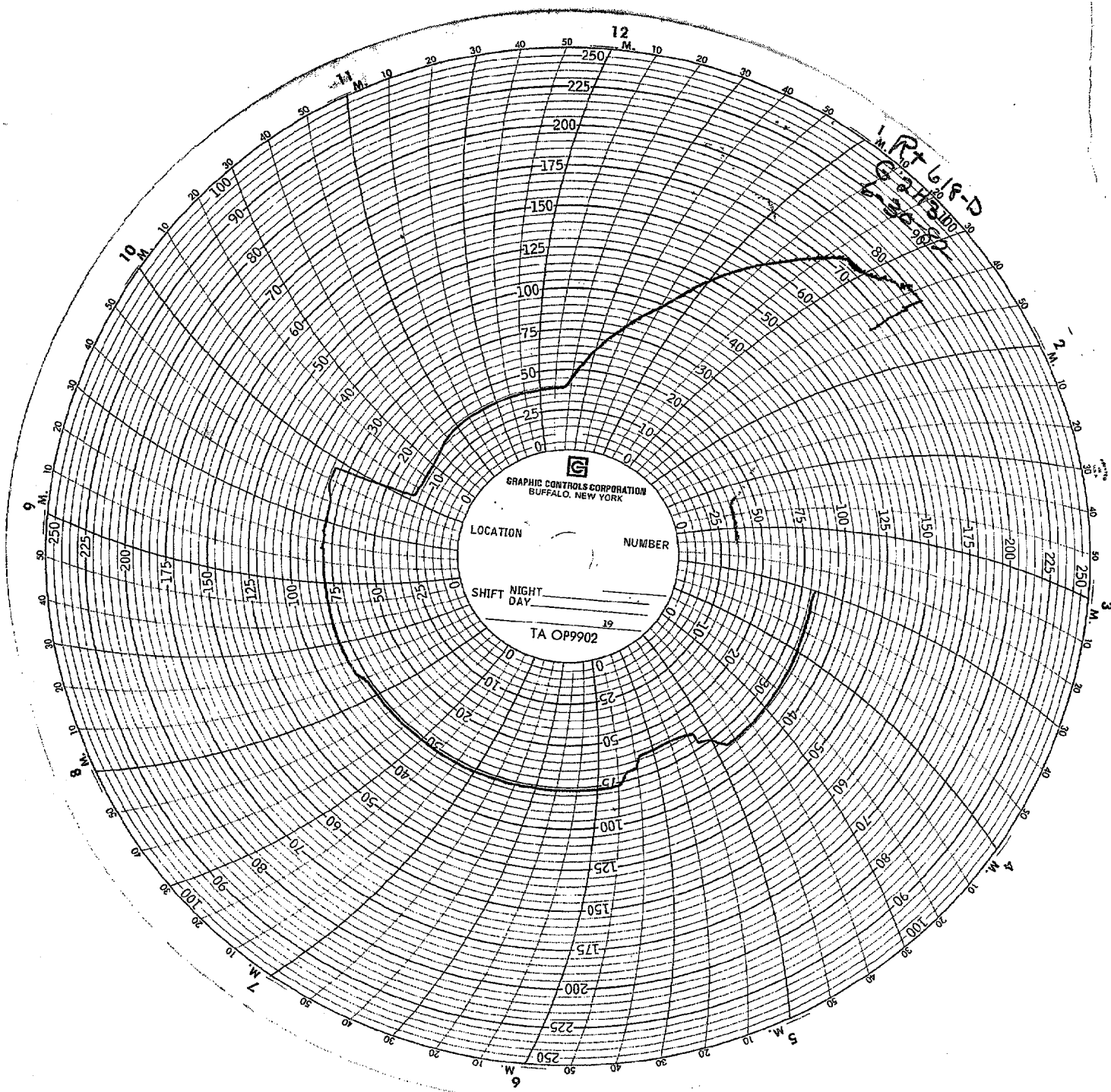
MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 3 OF 3 CG 32 CODE RT-618-D (S)	USE LBS	N-CODE	ACCT LBS
CV 11	37	DUMP INTO CV BARIUM SULFATE	180	65-A	180
	38	ADJ TO 37° (3496G) AT 28-32°F ICE	34X330	57-A	34X330
		RECORD: TEMP 30 DEG F & VOLUME 40			
	39	WEIGH IN FROM DRUM AMMONIUM CHLORIDE	239	165-A	239
	40	STIR 2-3 MIN			
	41	IMMEDIATELY COUPLE DV THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 45-60 MIN. MAINTAIN CV AT 28-32 DEG F. RECORD: START 10:30 PM		57-A	
		TOTAL MIN 45			
	42	STIR 30 MIN & RECORD: BASE + (-), PH 8.5 (9.0-9.8)			
		DEAZO + (-), PH 8.5 (9.0-9.8)			
		FINAL TEMP 30 DEG F DIAZA - BASE +			
	43	IF NECESSARY, ADJ TO PH 9.0-9.8 AND RECORD PH 9.5 SODIUM HYDROXIDE ASSUME 50%	80	7-D	40
		HYDROCHLORIC ACID ASSUME 32%		28-D	
	44	HEAT TO 184-186 DEG F IN 65-70 MIN AND RECORD: HT - DEG F & RECORDER 185 DEG F NOTE: AT 174-176 F, OPEN WATER SPRAY 1 1/4 TURNS			
DV 12	45	RUN 24 (600G) WATER INTO DV			
	46	TURN ON AGITATOR & STEAM & DUMP IN BARIUM SULFATE	1620	16-B	1620
	47	HEAT TO 184-186 F & STIR TO DISSOLVE			
CV 13	48	WHEN S44 COMPLETE, IMMEDIATELY STRIKE DV THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 7-10 MIN. MAINTAIN CV AT 184-186 DEG F. RECORD: START 11:45 AM, TOTAL MIN 7			
	49	HEAT CV TO 198-202 DEG F IN 10-12 MIN			
	50	STIR 5 MIN AT 198-202 DEG F			
	51	FLOOD TO 180-190° (+/-18,000G)			
	52	RECORD: PH 8.9 (9.0-9.4) & STOP AGITATOR SHUT OFF WATER SPRAYS			
		START FIN OPTR 3:00 PM 2:45 AM 3:01 PM 11:00 PM 2:45 AM 3:01 PM			

WHEN INSTRUCTED BY PROCESSING AREA HALF WAY
THRU PRESSING, DUMP IN, STIR 5 MIN & STOP
AGITATOR. RESUME PRESSING. I-OCTANOL

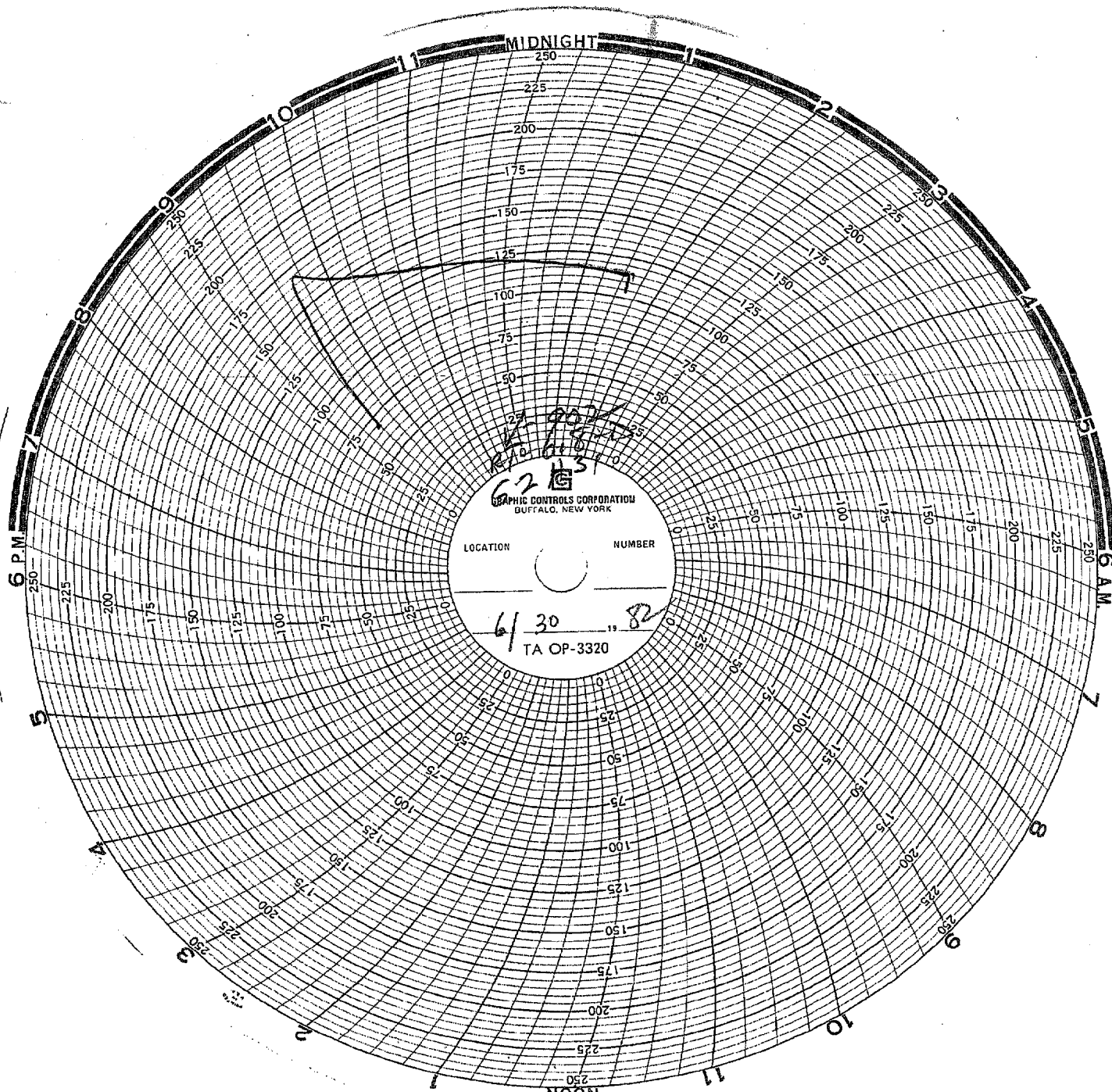
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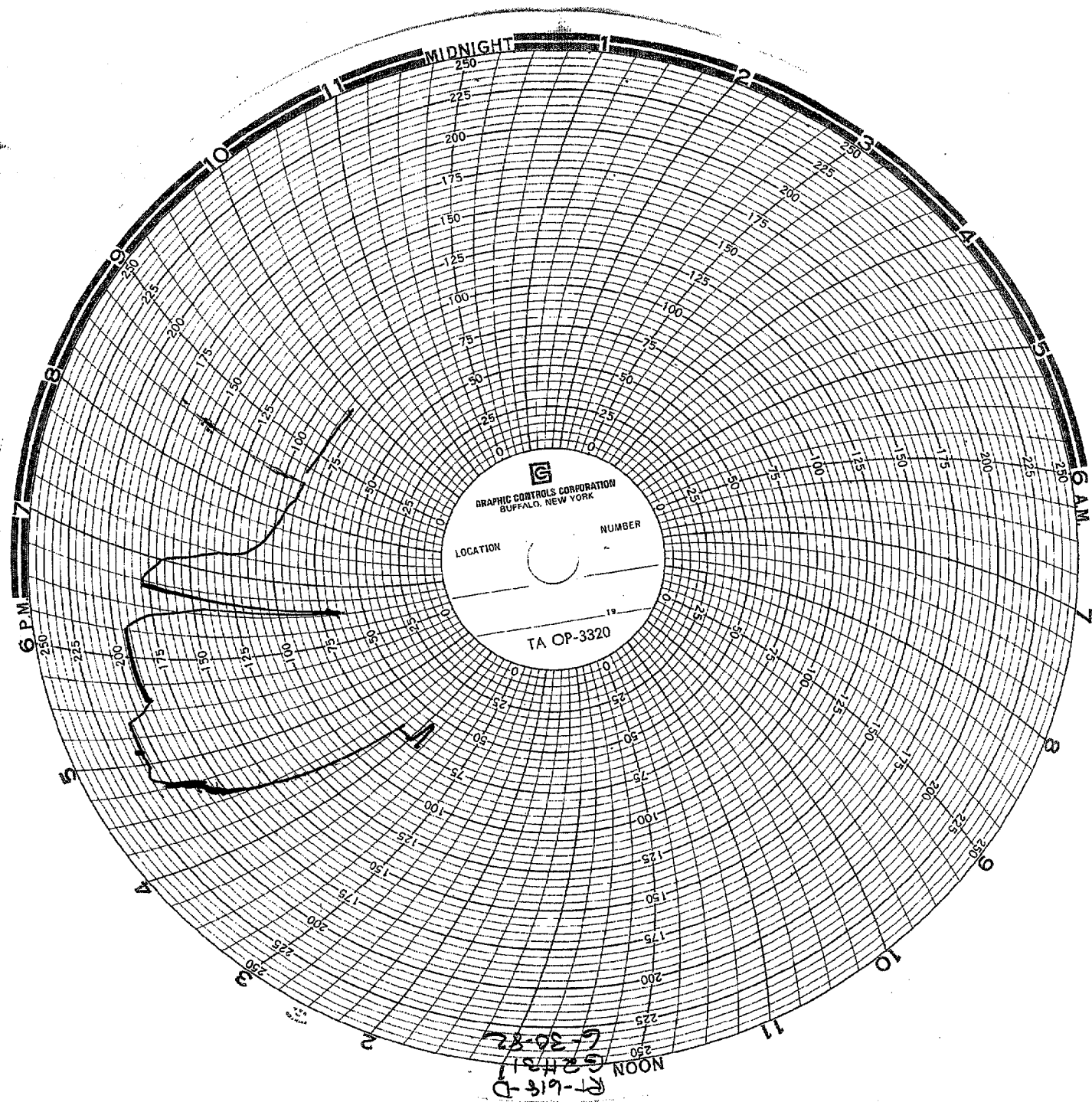
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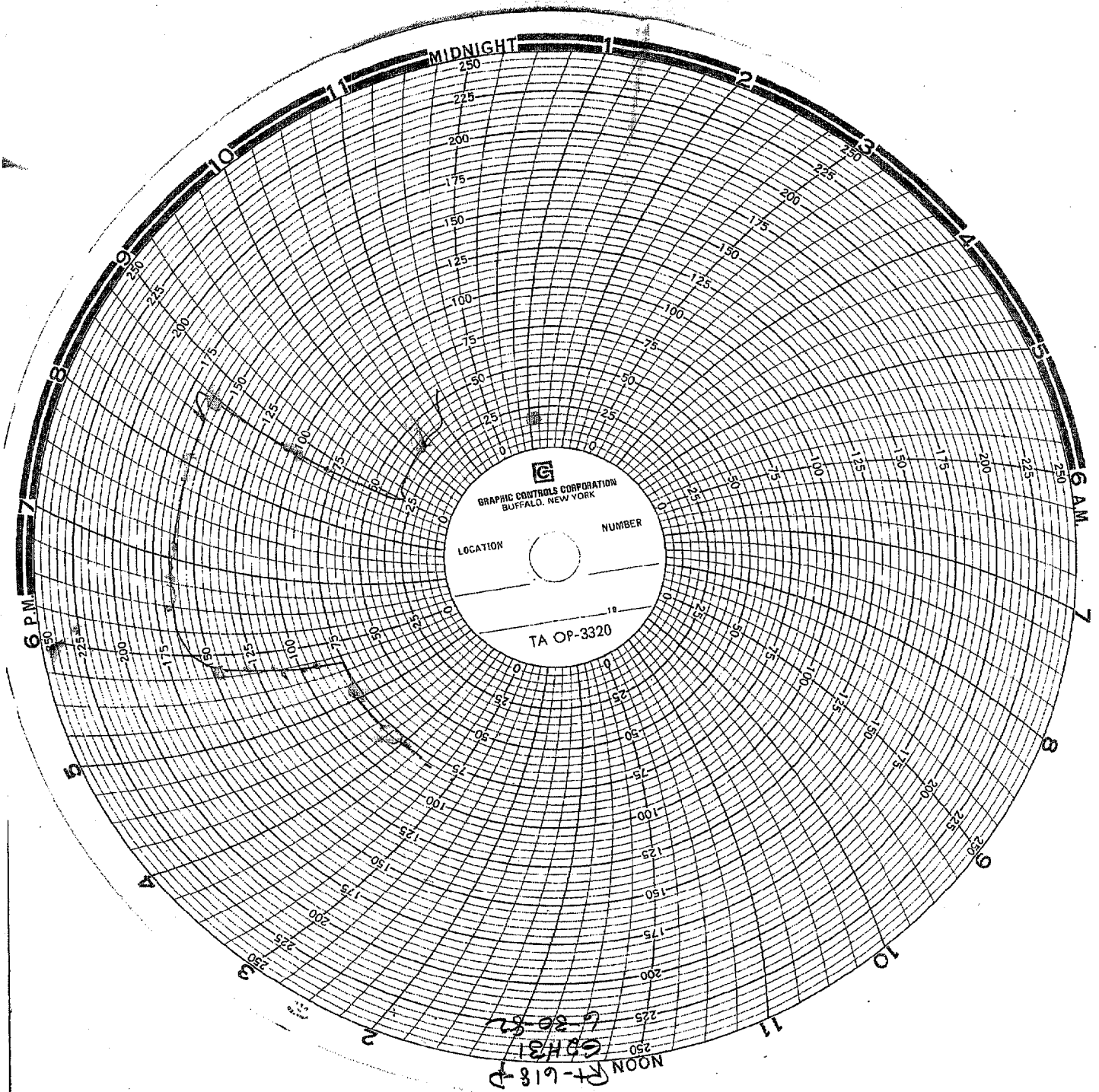
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