DATE PRINTED: 5/12/82

S.V. C.V. 901 903 D.V. 902,904

CG 32 CODE RT-698-D PKG ___ PROCESSES ( )RT-698-D (M) APPROVED BY EWK2/25/82

JUL 27 1982 G2J77

(DATE) (LOT NUMBER)

TYPED BY: KLW

EST. WT. ~~2000~~ 2758* LBS. STANDARD HRS. _____ TIME _____M

PREPARATION NOTES: CLEANED SPARKLER WITH HOT N-7 AND N979 SOLUTION #259

Precoat Sparkler Done #259

NON-BLEEDING

EQUIPMENT		NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
PREP 1	1	RECORD: 0 BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRECOAT WITH 15# DICALITE FILTER AID	15	777-A	15
	2	OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5-SULFONIC ACID		740-C	
	3	OBTAIN FOR S41 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	4	INSTALL DV & CV RECORDER & CONTROLLER CHART 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	100	7	50
~~932~~ 2 921	5	RUN 20" (415G) WATER INTO V-~~932~~ 921 & HEAT TO 80-100 DEG F	400	99-A	400
	6	ADD IN 8-9 MIN DRESINATE X			
	7	STIR 5 MIN & RECORD: PH 10.0 (9.5-10.5)			
	8	STIR 20 MIN OR LONGER TO DISSOLVE FOR S44			
		NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V-922			
922 3	9	RUN 38" (782G) WATER INTO V-922			
	10	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M 10, 49.55 %	444	7-D	220
	11	TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1127
		LOT #100% %			
		2-CHLORO 279 1127 99.34	1134		
		4-AMINOTOLUENE			
		5-SULFONIC ACID			
	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 + (+) 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. RECORD: SPARKLER PRESSURE 0 PSI IF NOT ZERO NOTIFY SUPVR.			
	17	CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S19. RECORD: START 7:15 A TOTAL MIN 15 CLARITY O.K HT 192 F & REC 195 F			

JUL 29 1982

7/28

N32886

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EQUIPMENT		PAGE 2 OF 3 CG 32 CODE RT-698-D (M)	USE LBS	N-CODE	ACCT LBS
~~904~~/CV 4	18	RUN 2" (58G) WATER INTO V-~~904~~/CV			
	19	WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F			
		RECORD: START 1:30 AM TOTAL MIN 60			
902 5	20	RUN 54" (1407G) WATER INTO V-902			
	21	DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY	530	542-D	530
	22	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN AND HOLD FOR S41 M 10 , 49.55 %	335	7-D	166
MISC 6 6¼ 7+	23	MEASURE 6¼ UNITS IN V-928 FOR S35 HYDROCHLORIC ACID M 1 , 29.89 %	1810	28-D	544
	24	WEIGH SODIUM NITRITE IN PT FOR S38 M 9 , 33.36 %	1100	725-A	367
922 7	25	WHEN S19 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG			
	26	RUN IN 15" (309G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER			
	27	PUMP V-922 THRU SPARKLER INTO V-~~904~~/CV			
922 9	28	RUN IN 9" (177G) WATER INTO V-922 AND HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLR			
~~904~~/CV 10	29	PUMP V-922 THRU SPARKLER INTO V-~~904~~/CV			
	30	WHEN MTY BLOW OUT SPARKLER INTO V-~~904~~/CV			
	31	POUR IN IGEPAL CO-630	47	979-D	47
	32	HEAT TO 165-170 DEG F FOR S34			
CV 11		NOTE: IF N-740-C SOL'N WAS PUMPED DIRECTLY FROM SPARKLER TO CV, OMIT STEPS 33 & 34.			
	33	RUN IN 1" (95G) WATER INTO V-~~904~~			
	34	WHEN S32 COMPLETE, PUMP V-~~904~~ AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN). MAINTAIN 165-170 DEG F IN CV			
		RECORD: START TOTAL MIN			
	35	RUN IN HYDROCHLORIC ACID N-28-D FROM S23 IN 12-15 MIN			
	36	STIR 15 MIN AT 165-170 DEG F.			
	37	ADJ TO 48" (4536G) AT 32-38 DEG F	56X330	57-A	19,800
		RECORD: TEMP 140 F, VOLUME 52"			
	38	RUN IN SODIUM NITRITE N-725-A FROM S24 AFAP (5-10 MIN) & RINSE IN PT			
	39	STIR 30 MIN AT 32-38 DEG F MAINTAINING +DR, +KI FOR S40 RECORD: TIME START 8:35 PM			
		CR + (+) KI + (+) NOTE:			
		(1) IF CR-, KI- ADD 20# 'AS IS' INCREMENTS HYDROCHLORIC ACID			
		RECORD: CR (+) KI (+) ASSUME 32%		28-D	
		(2) IF CR+, KI- ADD 20# 'AS IS' INCREMENTS SODIUM NITRITE			
		RECORD: CR (+) KI (+) ASSUME 33%		725-A	
	40	DUMP IN FROM S3 & STIR 10 MIN LOT		82-C	1021
		3-HYDROXY-2-NAPHTHOIC ACID 76067	1000		
		76023	21		

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EQUIPMENT		PAGE 3 OF 3 CG 32 CODE RT-698-D (M)	USE LBS	N-CODE	ACCT LBS
902 12	41	DUMP IN AMMONIUM CHLORIDE	221	165-A	221
CV 13	42	IMMEDIATELY AFTER S41 COMPLETE, WITH V-902 AGITATOR ON PUMP V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN; LET TEMP. RISE FREELY. RECORD: START 9:15 PM TOTAL MIN 20			
	43	STIR 15 MIN & RECORD: PH 6.7 (9.0-9.8) TEMP 50 DEG F (40-50 DEG F) AND IF PH IS BELOW 9.0 ADJ TO PH 9.0-9.8			
		SODIUM HYDROXIDE ASSUME 50%	220	7-D	110
		& RECORD PH 9.7 DIAZD (-) ASSUME 32%		28-D	
		BASE (+) HYDROCHLORIC ACID			
	44	STEAM EJECT V-932 FROM S8 INTO CV			
	45	POUR IN I OCTANOL	30	588-A	30
	46	HEAT TO 173-178 DEG F IN 55-65 MIN AND RECORD: HT ✓ DEG F & REC 175 DEG F			
902 14	47	DURING S46 HEATING, RUN 10* (268G) WATER INTO V-902			
	48	TURN ON AGITATOR & STEAM & DUMP IN BARIUM CHLORIDE	259	16-B	259
	49	HEAT TO 155-160 DEG F & STIR TO DISSOLVE			
CV 15	50	WHEN S46 COMPLETE, STRIKE V-902 AT 155-160F THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 2 - 3 MIN			
		RECORD: START 11:45 TOTAL MIN 6			
	51	HEAT CV TO 193-195 DEG F IN 10-15 MIN.			
	52	STIR 60 MIN AT 193-195 F. RECORD START 11:20 P			
	53	AFTR 20 MIN S52 STIR RECORD PH 9.0 (8.8-9.3)			
		IF NECESSARY, ADJ TO PH 8.8-9.3 ASSUME 50%		7-D	
		AND RECORD: PH ASSUME 32%		28-D	
	54	WHEN S52 STIR COMPLETE, FLOOD TO 180-190* (+/-18000G) AND STOP AGITATOR			
		WHEN INSTRUCTED BY PROCESSING AREA HALF WAY THRU PRESSING, DUMP IN I OCTANOL, STIR 5 MIN & STOP AGITATOR. RESUME PRESSING.	10	588-A	10

START	FIN	OPTR
300 A	700 A	259
700 AM	9:15 A.M	381
11 PM	1 AM	259

Rec. N-57-A At 8:15 PM
#201

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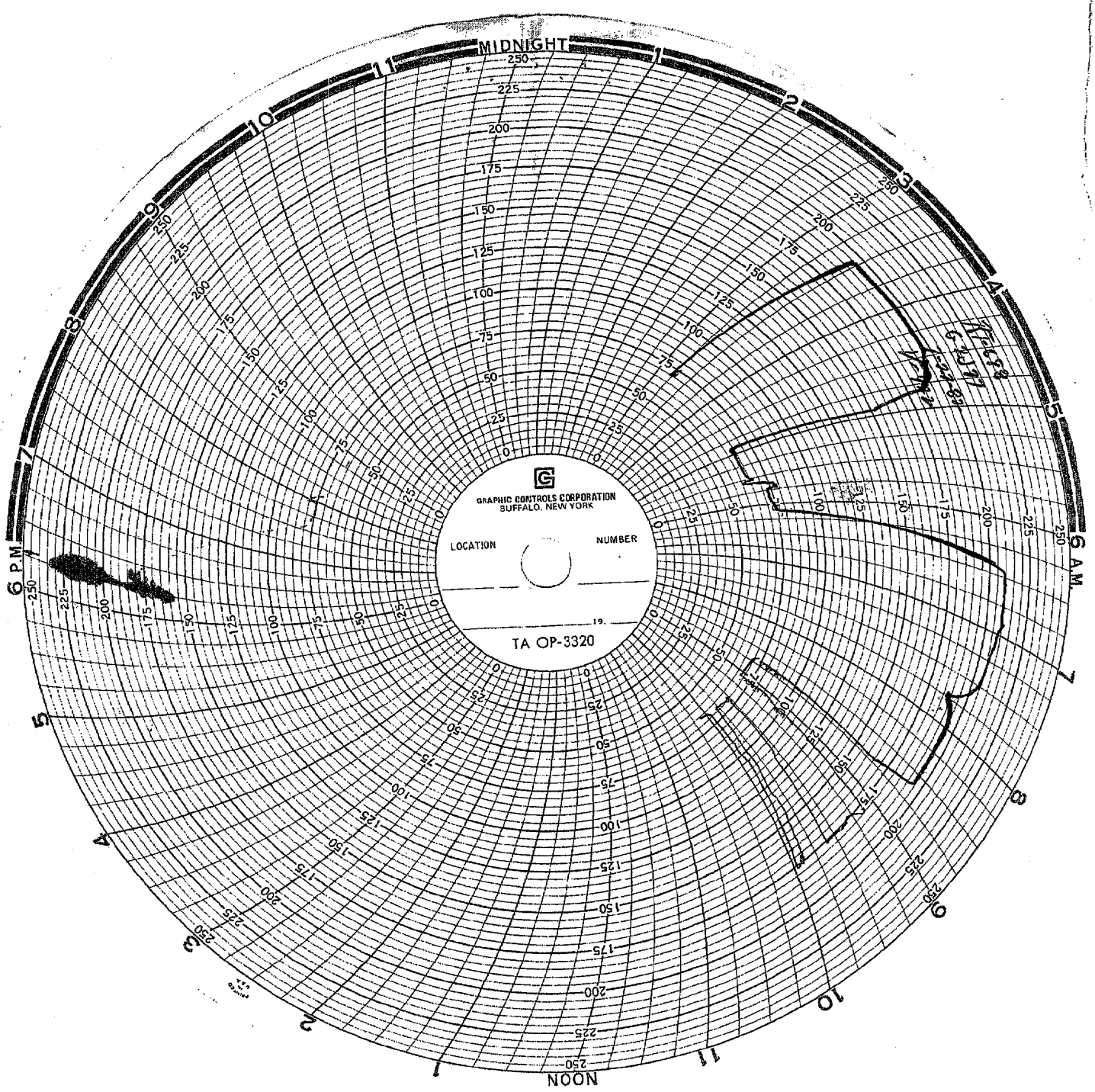

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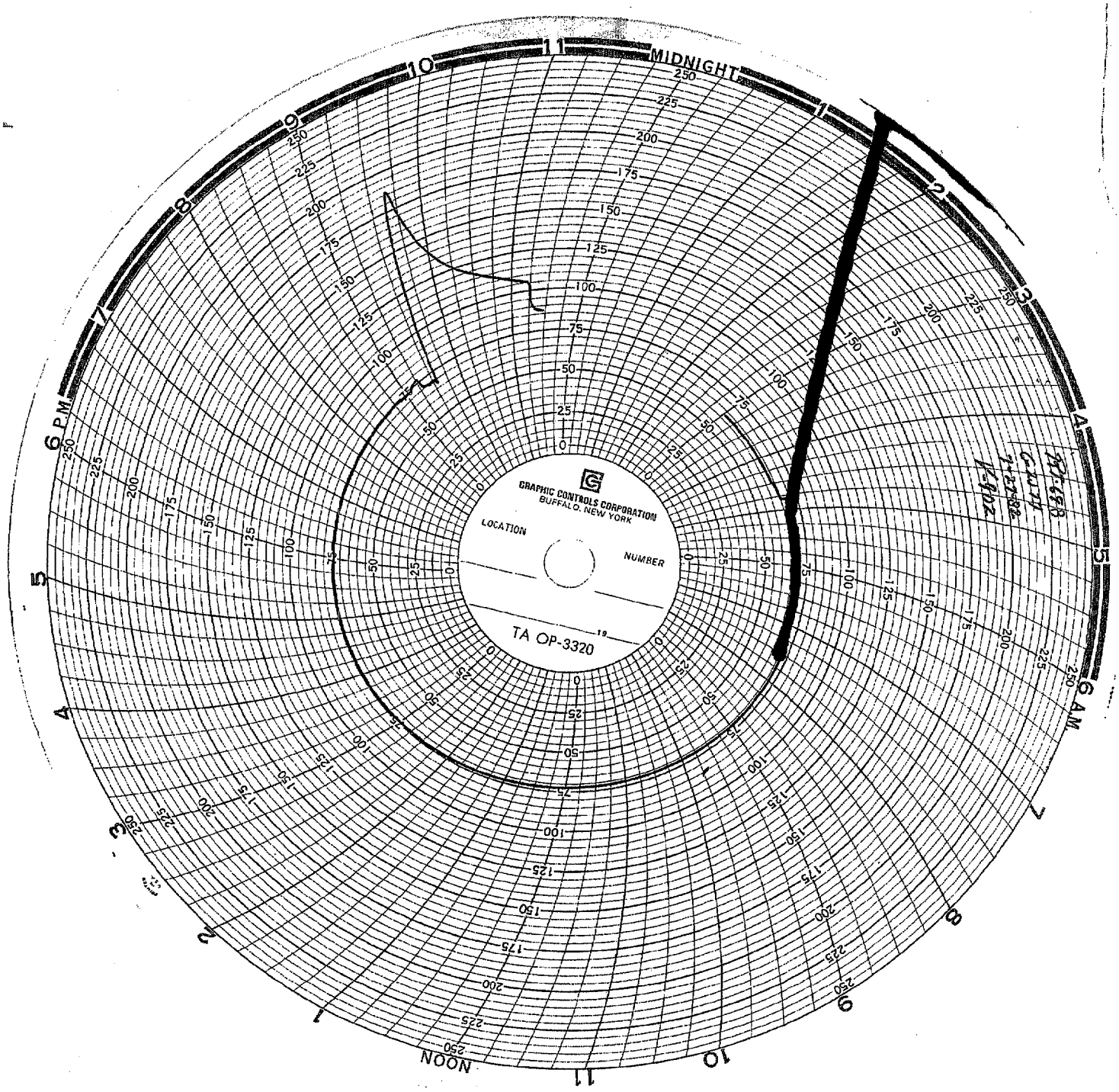

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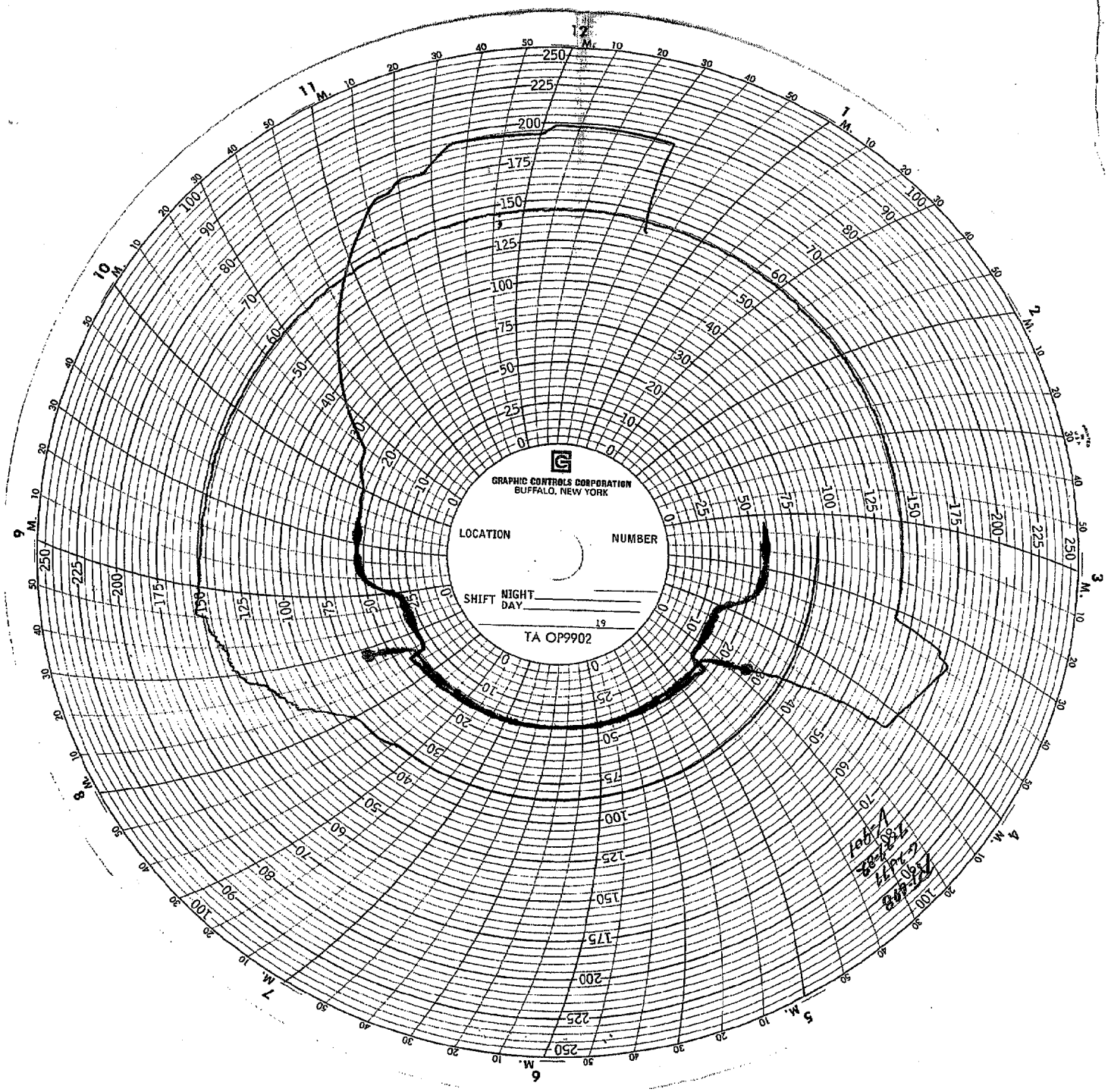

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