S.V. C.V. (901) 903 D.V. 904 DATE PRINTED: 12/03/81

CG 32 CODE RT-618-D PKG ___ PROCESSES ( )RT-618-D (S) APPROVED BY JJG 3-18-81 EWK 11/12/81

JUN 25 1982 (DATE) G2409 (LOT NUMBER)

TYPED BY: JMH

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

COMTYP JOB NAME: 32RT618DMS

PREPARATION NOTES: _____

NON-BLEEDING

EQUIP MENT		NAME: WATCHUNG RED Y	USE LBS	N-CODE	ACCT LBS
PREP 1	1	RECORD: 2 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-CHLORD-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-921 & ADJ TO 80-100 DEG F			
	6	ADD IN 1-2 MIN. DRESINATEX	63	530-A	63
	7	STIR 2 MIN & RECORD: PH 9.9 (9.5-10.5)			
	8	STIR 20 MIN OR LONGER FOR S27			
922 3	9	RUN 34* (700G) WATER INTO V-922			
	10	WEIGH IN V-926 SODIUM HYDROXIDE & RUN IN M 10 , 49.55 %	406	7-D	201
	11	TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1035
		2-CHLORO- LOT 100% %			
		4-AMINOTOLUENE 284 64 98.57	650		
		-5-SULFONIC 287 394 99.20	397		
		ACID			
	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 1 (+), 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			
		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 F FOR S19 & RECORD: HT 195 DEG F AND RECORDER 195 DEG F			
		RECORD: START 4:55P, TOTAL MIN 15 , CLARITY _____. NOTE: SAMPLE FROM HOSE - SHOW TO SUPERVISOR FOR O.K.			

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EQUIPMENT		PAGE 2 OF 3 CG 32 CODE RT-618-D (S)	USE LBS	N-CODE	ACCT LBS
904 4	18	RUN 1" (50G) WATER INTO V-904			
	19	WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START 5:12 PM TOTAL MIN 70			
MISC 5	20	WEIGH IN PT FOR S35 SODIUM NITRITE M 9, 33.36%	995	725-A	332
	21	MEASURE 88 1/4 UNITS IN V-928 FOR S33 HYDROCHLORIC ACID M 1, 29.89%	1402	28-D	419
CV 6	22	RUN 16" (1530G) WATER INTO V- 901			
	23	WEIGH IN V-926 SODIUM HYDROXIDE & RUN IN M 10, 49.55%	1023	7-D	507
	24	DUMP IN FROM S3 3-HYDROXY-2-NAPHTHOIC ACID LOT 108	912	253-C	~~[illegible]~~ 912
	25	~~WEIGH ON POSTAL SCALE 1-HYDROXY-2-NAPHTHOIC ACID AND DUMP IN LOT~~	~~5~~	~~[illegible]~~	2
	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	30A	RUN IN 5" (103G) WATER INTO V-922 & HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER			
904 10	30B	PUMP V-922 THRU SPARKLER INTO V-904			
	31	WHEN MTY BLOW OUT SPARKLER INTO V-904			
	32	HEAT TO 165-170 F (SMPL TO SUPVR FOR O.K.)			
	33	RUN IN N-28-D FROM S21 IN 12-15 MIN & STIR 5 MIN AT 165-170 DEG F			
	34	ADJ TO 129"(3409G) AT 28-30 DEG F AND RECORD: TEMP 32 *F, FULL " ICE 47 ~~40~~X330		57-A	15510
	35	RUN IN N-725-A FROM S20 AFAP (5-10 MIN) & RINSE IN PT			
	36	STIR 30 MIN AT 28-35 DEG F MAINTAINING +CR, +KI FOR S41, AND RECORD: TIME START 9:10 PM, CR + (+), KI + (+) NOTE (1) IF CR-, KI-, ADD 20# AS IS INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR____(+), KI_____(+)		28-A	
		(2) IF CR+, KI-, ADD 20# AS IS INCREMENTS SODIUM NITRITE. ASSUME 33% RECORD: CR_____(+), KI_____(+)		725-A	

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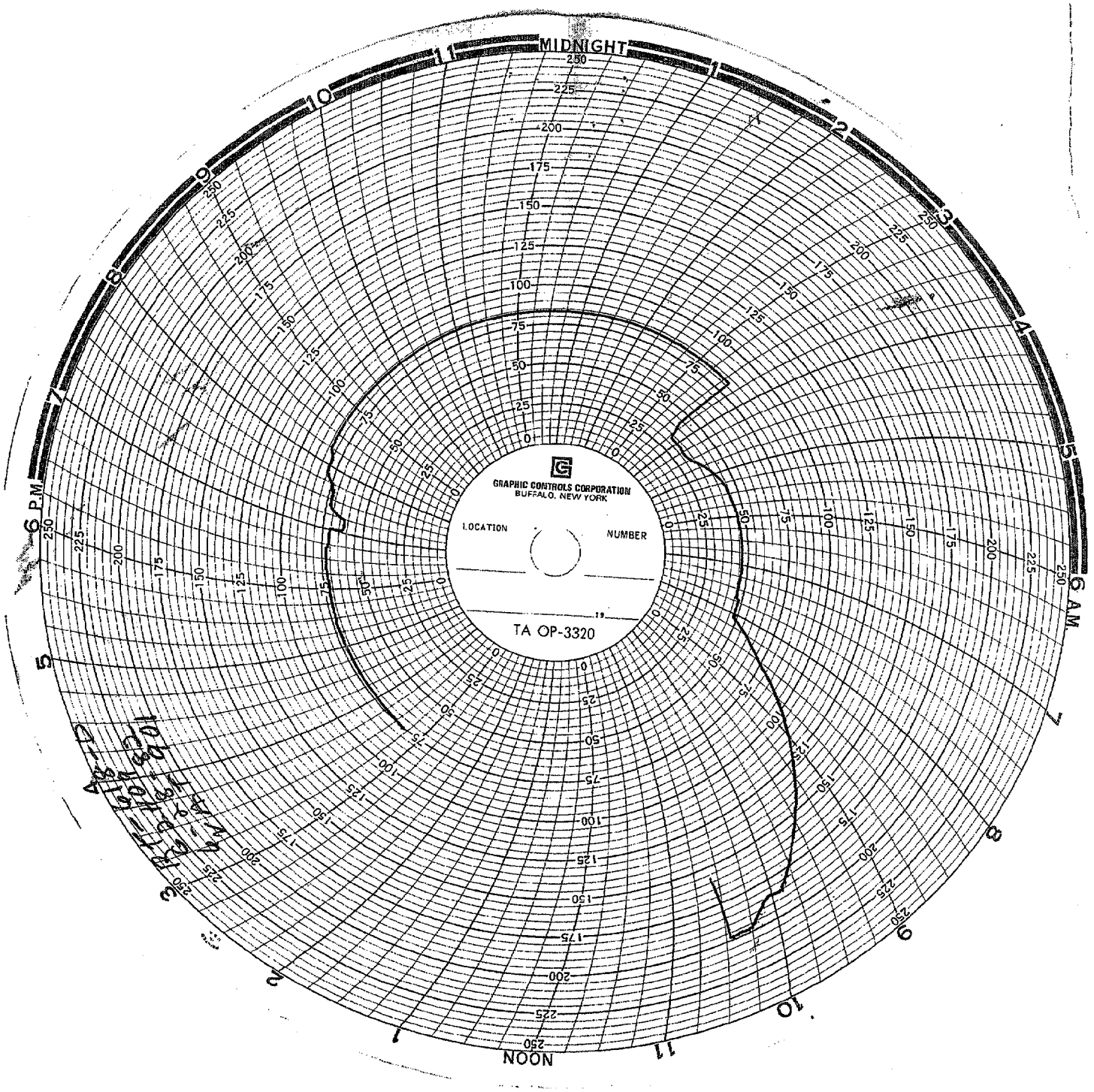
MAKING INSTRUCTIONS:BATCH UNIT

EQUIPMENT		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 44 X330		57-A	14520
		RECORD: TEMP 31 DEG F & VOLUME 37			
	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 9:55 PM TOTAL MIN 55	____	57-A	____
UP 11:20P	42	STIR 30 MIN & RECORD: BASE + (+), DIAZO ____(-),PH 9.4 (9.0-9.8) FINAL TEMP 48 DEG F			
	43	IF NECESSARY, ADJ TO PH 9.0-9.8 AND RECORD PH ____ SODIUM HYDROXIDE ASSUME 50%	____	7-D	____
		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 23 * (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 12:35 A 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 5 PM 12 PM 54 11:00 PM 1:10 AM 381			
		WHEN INSTRUCTED BY PROCESSING AREA HALF WAY THRU PRESSING, DUMP IN, STIR 5 MIN & STOP AGITATOR. RESUME PRESSING. I-OCTANOL	10	588-A	10



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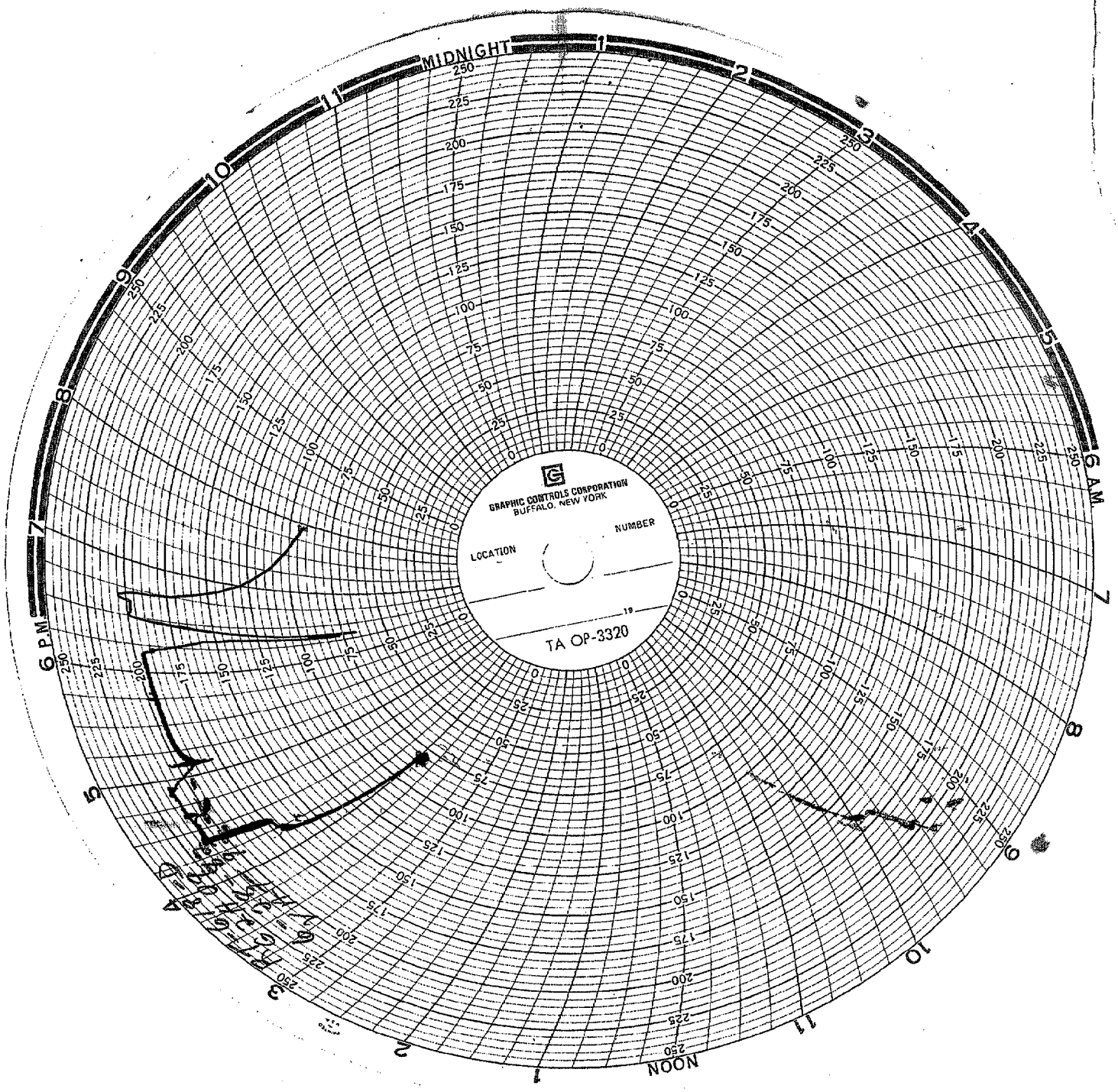

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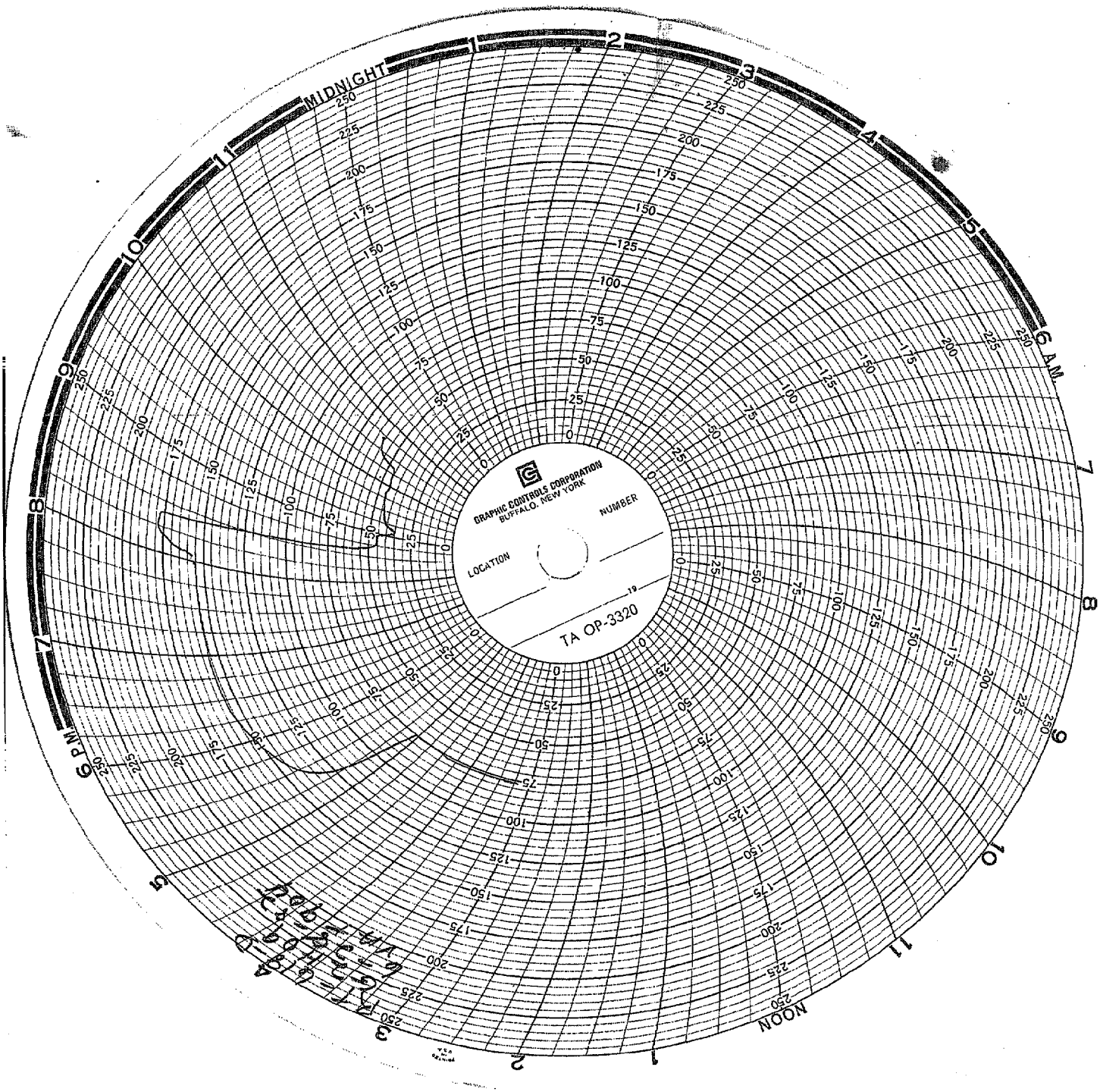

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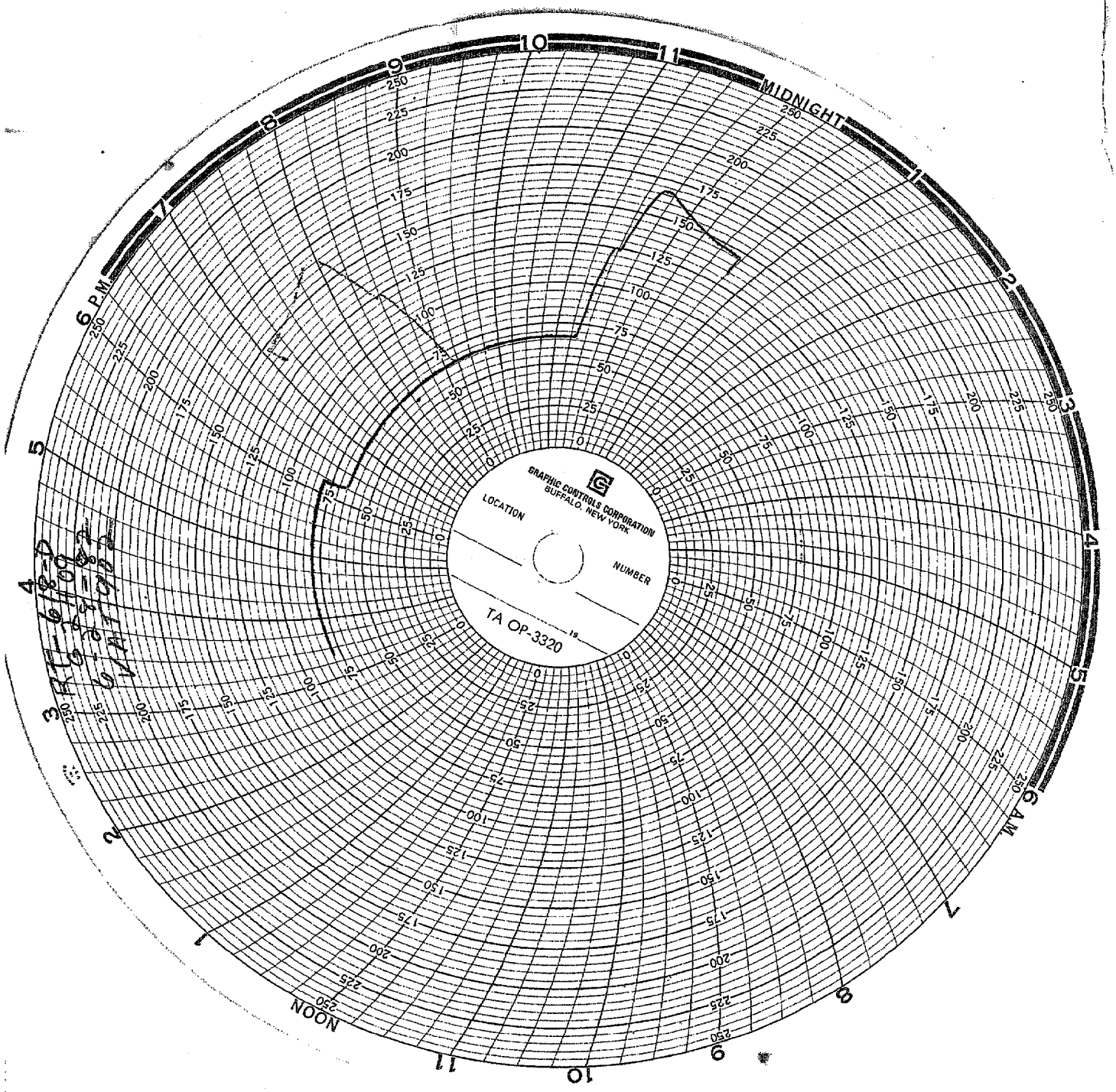

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