S.V. C.V. 901 (903) D.V. 902,904 DATE PRINTED: 6/02/82

CG 32 CODE RT-428-D PKG ___ PROCESSES APPROVED BY

JUN 7 1982 F2K22 ( )RT-428-D (A) EWK 12/11/81

(DATE) (LOT NUMBER) ( ) ( )

( ) ( )

TYPED BY: JLC

EST. WT. ~~2543~~ 2343* LBS. STANDARD HRS. _____ TIME 3 P.M.

PREPARATION NOTES: _____

EQUIPMENT		NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
		NOTE: DO NOT START IF PRESS WILL NOT BE AVAILABLE WITHIN 3 HRS AFTER MAKING. MAKING SUPV TO REVIEW WITH P.R. SUPV & RECORD: PRESS WILL BE READY _____M____/_____PR SUP START MAKING _____M_____/_____MAKG SUPV 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 Done ok			
PREP 1	1	RECORD: 1 BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRE-COAT 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 S40 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	4	INSTALL DV & CV RECORDER & CONTROLLER CHART NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V 922			
	4A	CLOSE OVERFLOW OUTLET VALVE FOR DISTRIBUTOR LINE AT REAR OF VAT.			
~~[illegible]~~/ 931 2	5	RUN 11" (110G) WATER INTO V-931 & HEAT TO 80-100 DEG F			
	6	ADD IN 2-3 MIN DRESINATE X	110	530-A	110
	7	STIR 5 MIN & RECORD: PH 9.8 (9.5-10.5)			
	8	STIR 20 MIN OR LONGER TO DISSOLVE FOR S53			
922 3	9	RUN 31" (639G) WATER INTO V-922			
	10	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M 9, 49.59 %	367	7-D	182
	11	TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	927
		2-CHLORO LOT 100% %			
		4-AMINOTOLUENE 279 652 99.34	656		
		5-SULFONIC 281 275 99.30	277		
		ACID			
	12	DUMP IN ACTIVATED CARBON	25	113-B	25
	13	DUMP IN DICALITE 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	

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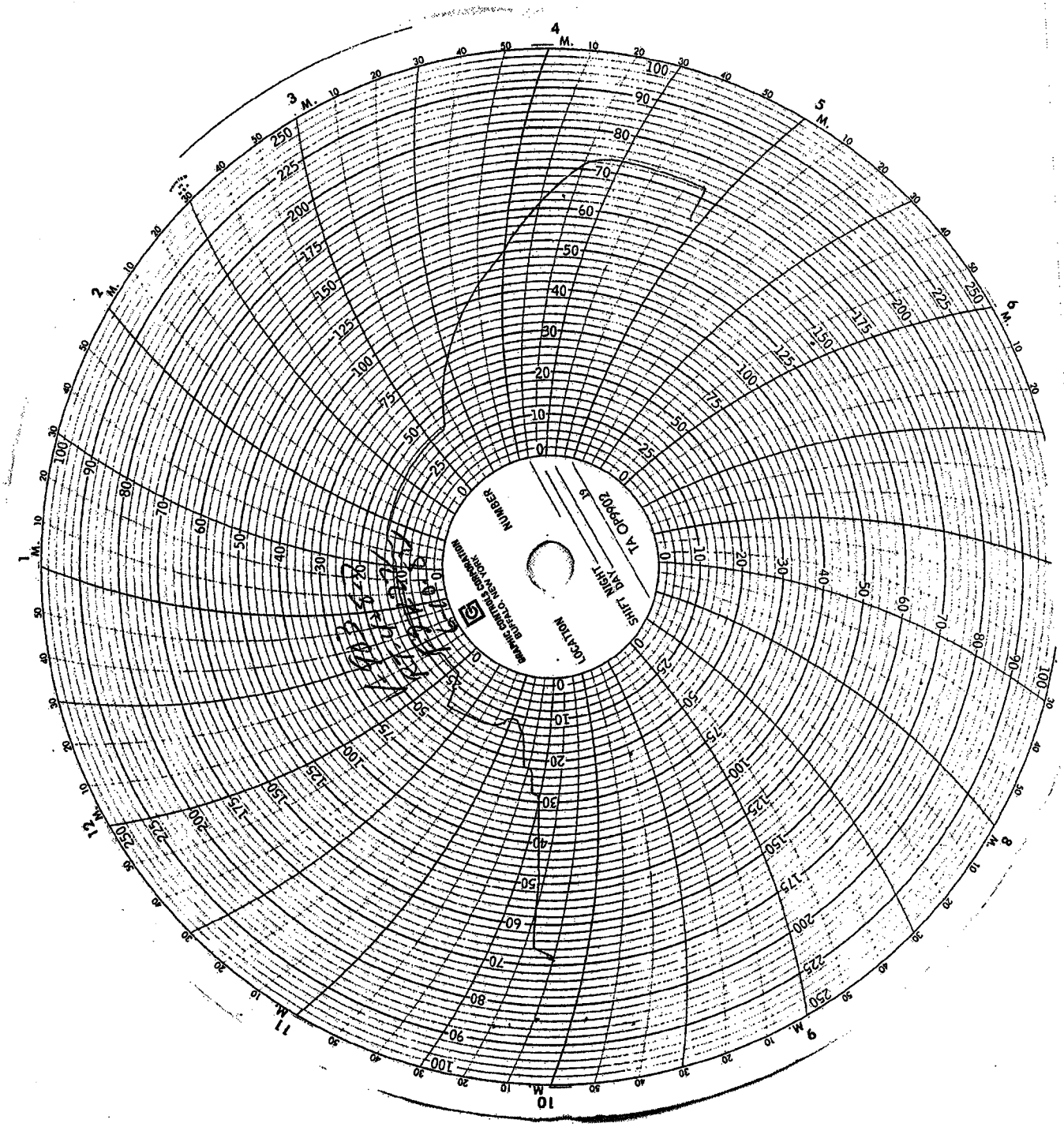
EQUIPMENT		PAGE 2 OF 3 CG 32 CODE RT-428-D (A)	USE LBS	N-CODE	ACCT LBS
922 3 CONT	~~16~~	STIR 30 MIN AT 212-214 DEG F THEN SHUT OFF STEAM WATCH FOAM.			
		RECORD: SPARKLER PRESSURE ___0___PSI			
		IF NOT ZERO NOTIFY SUPERVISOR			
	~~17~~	CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S22. RECORD: START 6:10PM, TOTAL MIN 20, CLARITY VC, HT 193 DEG F, AND REC 192 DEG F.			
MISC 4	~~18~~	MEASURE 9 3/4 UNITS IN V-928 FOR S33			
	~~19~~	HYDROCHLORIC ACID M 1, 29.89 %	1495	28-D	447
		DISSOLVE STRONTIUM NITRATE IN 30 GAL WATER IN 55 GAL DRUM AT 90-110 DEG F FOR S52	52	246-B,E	52
	~~20~~	WEIGH SODIUM NITRITE IN PT FOR S36 M 9, 33.36 %	963	725-A	321
[redacted]/CV 5	~~21~~	RUN 1" (_____G) WATER INTO V-903			
		NOTE: USE CV IF MTY. IF CV IS NOT AVAILABLE USE V-904			
	~~22~~	WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F			
		RECORD: START 6:30PM, TOTAL MIN 75			
902 6	~~23~~	RUN 56" (1455G) WATER INTO V-902			
	~~24~~	DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY FOR S42	440	542-D	440
922 7	~~25~~	WHEN S22 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG			
	~~26A~~	RUN IN 10" (207G) WATER &HEAT TO 180-190 F CIRCULATE 15 MIN THRU SPARKLER.			
[redacted]/CV 8	~~26B~~	PUMP V922 THRU SPARKLER INTO ~~V904~~/CV			
922 9	~~27A~~	RUN IN 4" (103G) WATER INTO V922 & HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER			
[redacted]/CV 10	~~27~~	PUMP V-922 THRU SPARKLER INTO V [redacted]/CV			
	~~28~~	WHEN MTY BLOW OUT SPARKLER INTO V ~~904~~/CV			
	~~29~~	POUR IN IGEPAL CO-630	62	979-D	62
	~~30~~	HEAT TO 165-170 DEG. F			
CV 11		NOTE: IF N-740-C SOL'N (S21&22) WAS PUMPED DIRECTLY FROM SPARKLER TO CV OMIT S'S 31,32			
	~~31~~	RUN IN 1" (95G) WATER INTO V-903			
	~~32~~	PUMP V-904 AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN). MAINTAIN 165-170 DEG F IN CV.			
	~~33~~	RUN IN N-28-D HYDROCHLORIC ACID FROM S18 IN 12-15 MIN			
	~~34~~	STIR 15 MIN AT 165-170 DEG F	46		
	~~35~~	ADJ TO 43" (4080G) AT 32-38 DEG F	50X330	57-A	~~46,530~~ 15,180
	~~36~~	RUN IN N-725-A SODIUM NITRITE FROM S20 AFAP (5-10 MIN) & RINSE IN PT			

EQUIPMENT		PAGE 3 OF 4 CG 32 CODE RT-428-D (A)	USE LBS	N-CODE	ACCT LBS
CV 11 CONT		STIR 30 MIN AT 32-38 DEG F MAINTAINING +CR, +KI RECORD: TIME START 11:15 PM, CR ± (+), KI + (+) NOTE: 1) IF CR-, KI-, ADD 20# 'AS IS' INCREMENTS HYDROCHLORIC ACID RCRD: CR_____(+), KI_____(+) ASSUME 32%		28-D	
		2) IF CR+, KI-, ADD 20# 'AS IS' INCREMENTS SODIUM NITRITE RCRD: CR_____(+), KI_____(+) ASSUME 33%		725-A	
	38	DUMP IN STRONTIUM NITRATE	153	246-B,E	153
	39	DUMP IN BARIUM SULFATE	295	65-A	295
	40	DUMP IN FROM S3 & STIR 10 MIN LOT 7488 3-HYDROXY-2-NAPHTHOIC ACID	848	82-C	848
	41	ADD FOR MAINTAINING 32-38 DEG F THRU S 48	30X330	57-A	3300
902 12	42	DUMP AMMONIUM CHLORIDE INTO V-902 & STIR 2-3 MIN	209	165-A	209
CV 13	43	WITH V-902 AGITATOR ON, IMMEDIATELY AFTER S42 COMPLETE, RUN V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. MAINTAIN 32-38 DEG F IN CV. RECORD: START 1:30 PM, TOTAL MIN 25		57-A	
PT 14	44	DURING S43, WEIGH SODIUM HYDROXIDE IN PT M 9, 49.5%	333	7-D	165
	45	DILUTE TO MAXIMUM VOLUME (+/-100G) FOR S48			
CV 15	46	WHEN S43 COMPLETE, STIR 30 MIN			
	47	RCRD PH 6.0 (5.0-6.0) TEMP 32 F (32-38 F)			
	48	RUN IN N-7-D FROM S45 THRU UNDRSURFACE LINE & RINSE IN PT			
	49	STIR 15 MIN & RECORD: PH 9.8 (9.0-9.8)			
	50	IF PH IS BELOW 9.0 ADJ TO PH 9.0-9.8 SODIUM HYDROXIDE ASSUME 50%		7-D	
	51	RECORD: PH 9.8, DIAZO — (-), BASE * (+)			
	52	POUR IN N-246-B,E SOLUTION FROM S19			
	53	STEAM EJECT IN V-921/931 SOL'N FROM S8			
	54	HEAT TO 180-182 DEG F IN 65-75 MIN AND RECORD: HT 180 DEG F & REC 182 DEG F			
	55	STIR 30 MIN AT 180-182 DEG F. RECORD: START 4:20 PM			
	56	FLOOD TO 180-190° (+/-18,000G)			
	57	STIR 5 MIN & RECORD: PH 9.3 (8.8-9.3)			
	58	IF PH BELOW 8.8, ADJ TO PH 8.8-9.3 RECORD PH _____ SODIUM HYDROXIDE ASSUME 50%		7-D	
	59	STOP AGITATOR			
	60	OPEN WATER VALVE AT OVERFLOW FOR DISTRBUTR AND BACK FLUSH THRU CHECK VALVE AND DISTRIBUTOR FOR 2 MINUTES. SHUT OFF WATER.			
	61	OPEN OVERFLOW OUTLET VALVE FOR DISTRIBUTOR REAR OF VAT.			

EQUIPMENT		PAGE 4 OF 4 CG 32 CODE RT-428-D (A)	USE LBS	N-CODE	ACCT LBS
		WHEN INSTRUCTED BY PROCESSING AREA HALFWAY THRU PRESSING (1) DUMP IN I OCTANOL (2) STIR 5 MIN (3) ADVISE PROCESSING TO RESUME PRESSING	10	588-A	10

START	FIN	OPTR
3 Pm	11 Pm	114
11:00 PM	5:00 AM	237

Delayed N-28-D Pump NOT Pumping.



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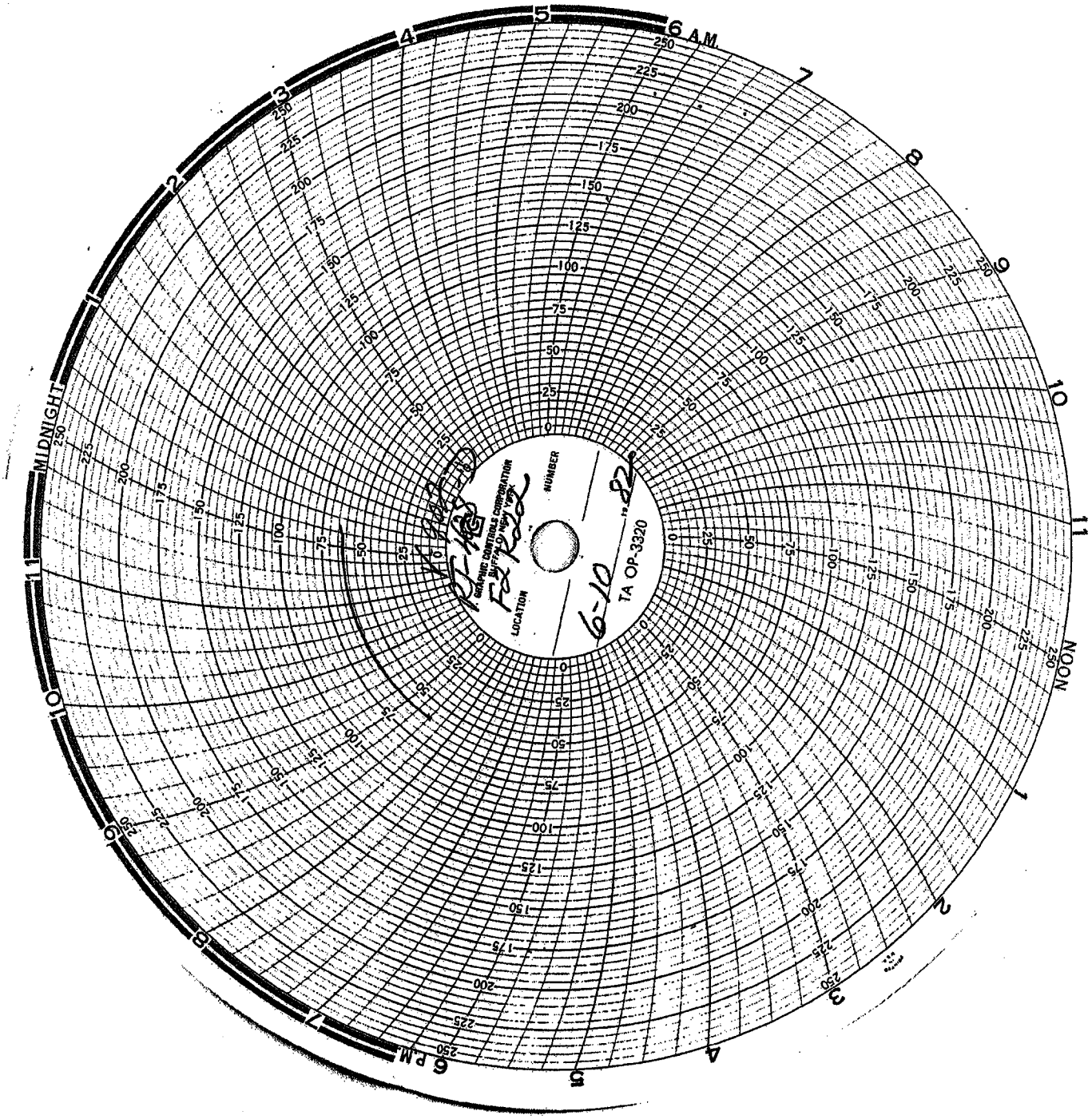

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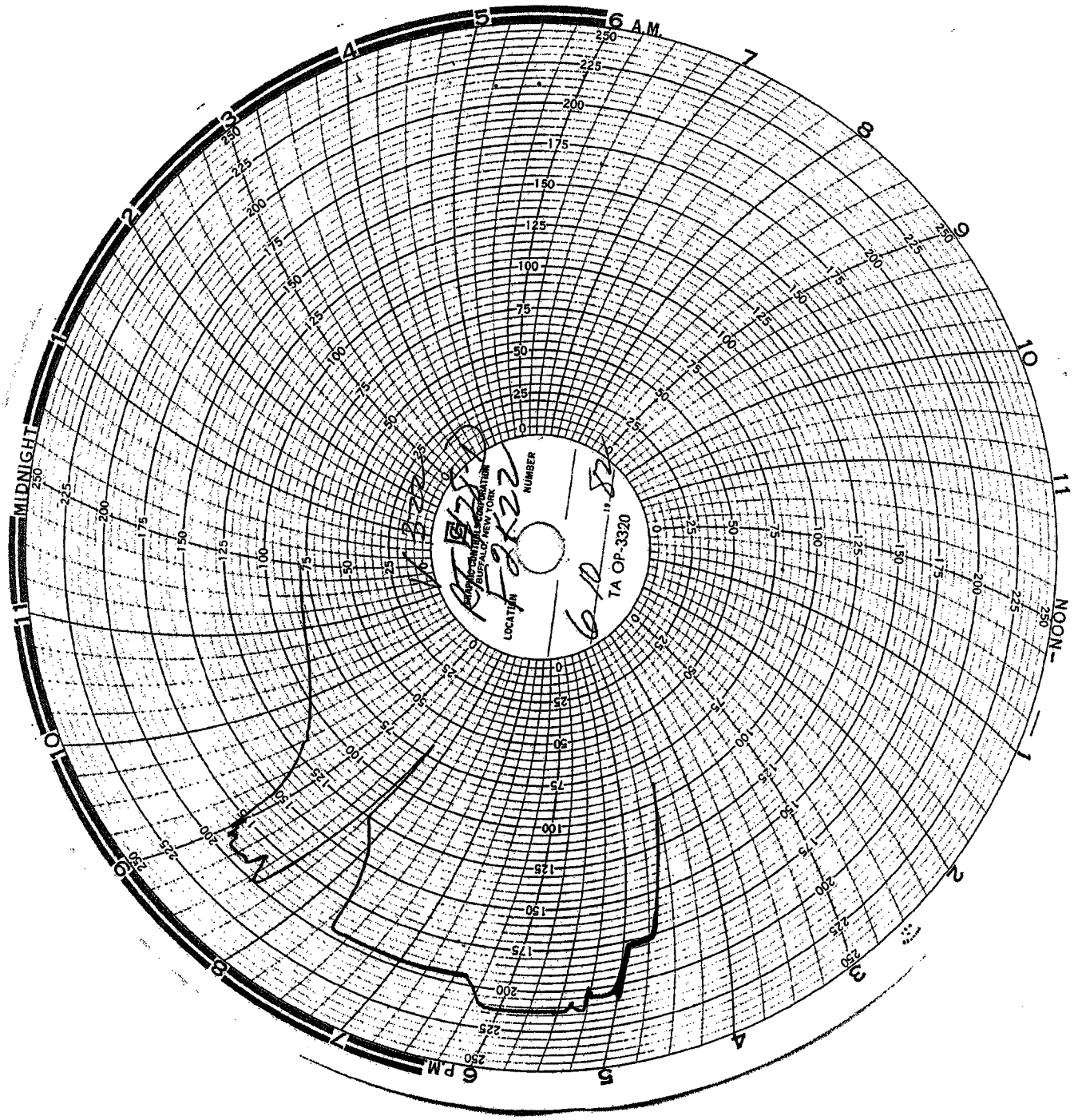

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