CO 32 . CODE RT-428-D PKG ___ PROCESSES APPROVED BY

DEC 30 A2H27 ( )RT-428-D (B) EWK 12/11/81

(DATE) (LOT NUMBER) ( ) ( )

( ) ( )

TYPED BY: JLC

EST. WT. ~~3145~~ LBS. STANDARD HRS. _____ TIME 2 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			
PREP 1	1	RECORD: _____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 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.			
921/ 931 2	5	RUN 14" (140G) WATER INTO V-921 & HEAT TO 80-100 DEG F			
	6	ADD IN 2-3 MIN DRESINATE X	130	530-A	130
	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 35" (722G) WATER INTO V-922			
	10	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M 13 5036 %	449	7-D	226
	11	TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1157
		2-CHLORO LOT 100% %			
		4-AMINOTOLUENE 242 1157 99.60	1162		
		5-SULFONIC 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	_____

EQUIPMENT		PAGE 2 OF 3 CG 32 CODE RT-428-D (B)	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 9 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 12:40 AM, TOTAL MIN 15, CLARITY CLEAR, HT DEG F, AND REC 190 DEG F.			
MISC 4	18	MEASURE 69 3/4 UNITS IN V-928 FOR S33			
		HYDROCHLORIC ACID M 5, 28.89 %	1928	28-D	557
	19	DISSOLVE STRONTIUM NITRATE IN 30 GAL WATER IN 55 GAL DRUM AT 90-110 DEG F FOR S52	63	246-B,E	63
	20	WEIGH SODIUM NITRITE IN PT FOR S36 M 9, 33.36 %	196	725-A	399
904/CV 5	21	RUN 1* (G) WATER INTO V-904			
		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 1:00 AM, TOTAL MIN 45			
902 6	23	RUN 56* (1455G) WATER INTO V-902			
	24	DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY FOR S42	550	542-D	550
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.			
904/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			
904/CV 10	27	PUMP V-922 THRU SPARKLER INTO V 904/CV			
	28	WHEN MTY BLOW OUT SPARKLER INTO V 904/CV			
	29	POUR IN IGEPAL CO-630	78	979-D	78
	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-			
	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			
	35	ADJ TO 43* (4080G) AT 32-38 DEG F	4080X330	57-A	13560
	36	RUN IN N-725-A SODIUM NITRITE FROM S20 AFAP (5-10 MIN) & RINSE IN PT			

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EQUIP MENT		PAGE 3 OF 4 CG 32 CODE RT-428-D (B)	USE LBS	N-CODE	ACCT LBS
CV 11 CONT	37	STIR 30 MIN AT 32-38 DEG F MAINTAINING +CR, +KI RECORD: TIME START 5:30 AM			
		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	192	244-B,E	192
	39	DUMP IN BARIUM SULFATE	450	65-A	450
	40	DUMP IN FROM S3 & STIR 40 MIN LOT 3-HYDROXY-2-NAPHTHOIC ACID 6371	1057	82-C	1057
	41	ADD FOR MAINTAINING 32-38 DEG F THRU S 48	30X330	57-A	9900
902 12	42	DUMP AMMONIUM CHLORIDE INTO V-902 & STIR 2-3 MIN	261	165-A	261
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 7:30 A, TOTAL MIN 18		57-A	
PT 14	44	DURING S43, WEIGH SODIUM HYDROXIDE IN PT M 13, 50.36 %		7-D	157
	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 9.7 (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 9.7, 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 10:00 AM			
	56	FLOOD TO 180-190° (+/-18,000G)			
	57	STIR 5 MIN & RECORD: PH_____(8.8-9.3)			
	58	IF PH BELOW 8.8, ADJ TO PH 8.8-9.3 RECORD PH 9.8 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.			

COMTYP JOB NAME = 32RT428DMB PAGE 04 DATE PRINTED: 12/22/81

EQUIPMENT		PAGE 4 OF 4 CG 32 CODE RT-428-D (B)	USE LBS	N-CODE	ACCT LBS
		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: 11:00 PM / 7:30 hr	FIN: 10:45 AM	OPTR: 301 - 409 / 237	

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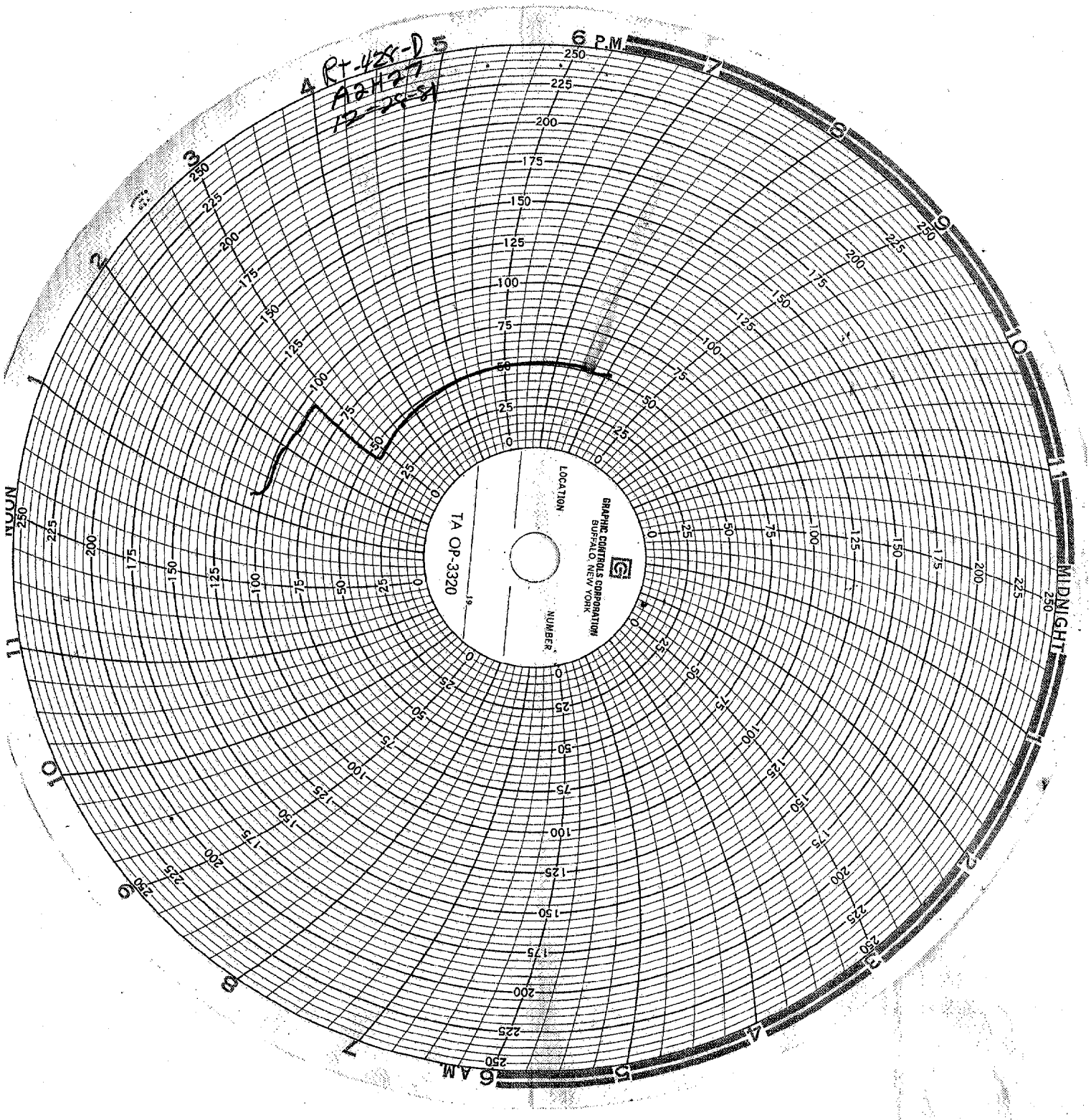

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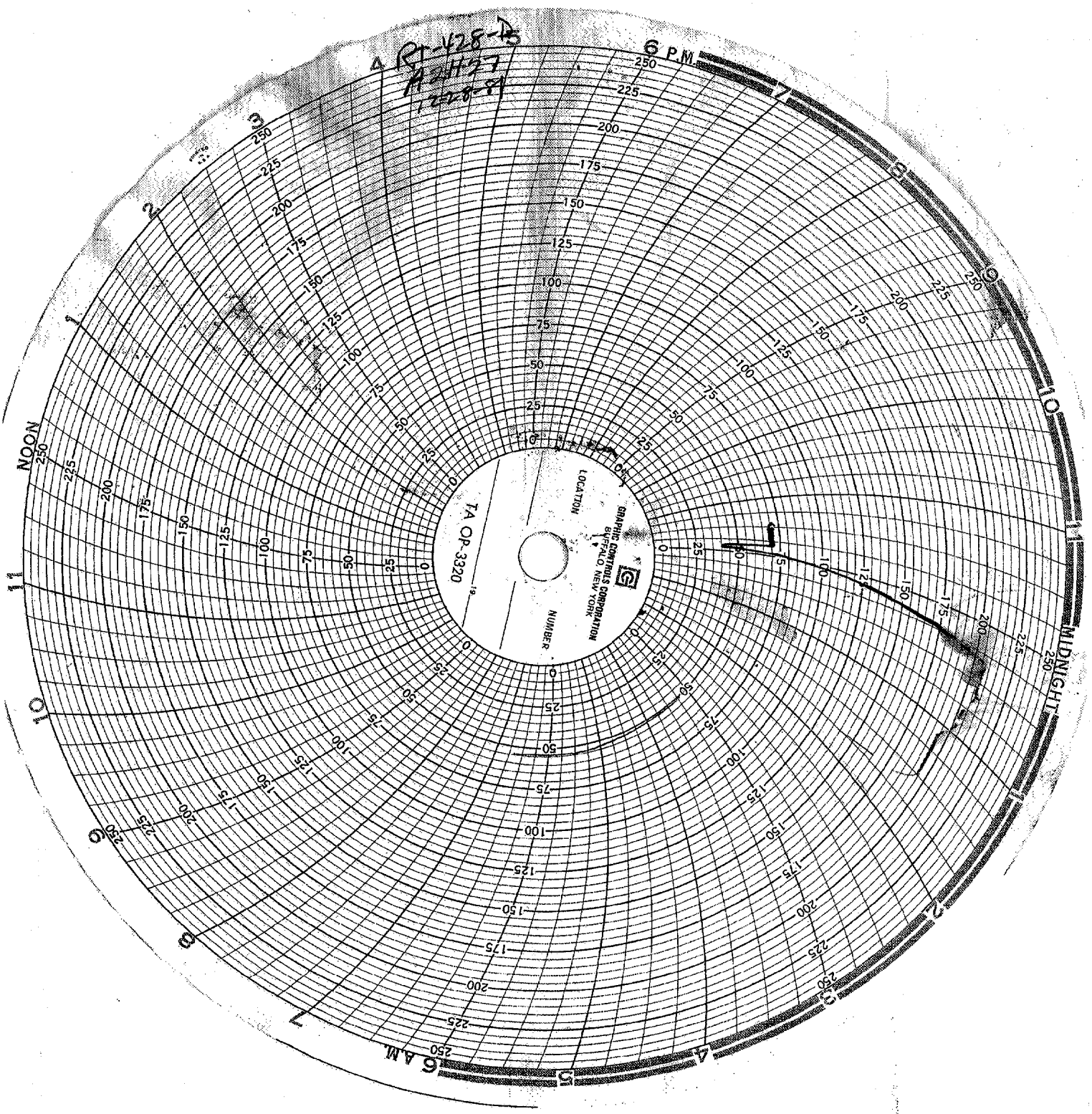

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