S.V. C.V. 901/903 D.V. 902,904 12/28

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

DEC 28 1981 A2H24 ( )RT-428-D (D) JJG 6/10/81 EWK 12/22/81

(DATE) (LOT NUMBER)

EST. WT. ~~2954~~ 2954* LBS. STANDARD HRS. _____ TYPED BY: JLC TIME 3 P.M.

PREPARATION NOTES: _____

NON-BLEEDING

EQUIP MENT		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-_____ & HEAT TO 80-100 DEG F			
	6	ADD IN 2-3 MIN DRESINATE X	130	530-A	130
	7	STIR 5 MIN & RECORD: PH 10.1 (9.5-10.5)			
	8	STIR 20 MIN OR LONGER TO DISSOLVE FOR S43			
922 3	9	RUN 37" (762G) WATER INTO V-922			
	10	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M_____, 32.36 %	449	7-D	226
	11	TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1157
		2-CHLORO LOT 100% %			
		4-AMINOTOLUENE 237 637 237 650			
		5-SULFONIC 239 320 239 325			
		ACID 242 198 242 199			
	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 7 (+) IF NECESSARY ADJ TO +BY ASSUME 50%	_____	7-D	_____

V-901

EQUIPMENT		PAGE 2 OF 3 CG 32 CODE RT-428-D (D)	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 S21. RECORD: START_____, TOTAL MIN_____, CLARITY C, HT 195 DEG F, AND REC 195 DEG F.			
MISC 4	18	MEASURE 6874 UNITS IN V-928 FOR S33 HYDROCHLORIC ACID M_____, 29.89%	1863	28-D	557
	19	WEIGH SODIUM NITRITE IN PT FOR S36 M_____, 33.36%	403	725-A	368
904/CV 5	20	RUN 1" (_____G) WATER INTO V-901			
		NOTE: USE CV IF MTY. IF CV IS NOT AVAILABLE USE V-904			
	21	WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START 9:05A, TOTAL MIN 35			
902 6	22	RUN 59" (1537G) WATER INTO V-902			
	23	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M_____, 50.36%	342	7-D	172
	24	DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY FOR S41	549	542-D	549
922 7	25	WHEN S21 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG			
	26	RUN IN 12" (247G) WATER &HEAT TO 180-190 F CIRCULATE 15 MIN THRU SPARKLER.			
904/CV 8	26A	PUMP V922 THRU SPARKLER INTO V904/CV			
922 9	27	RUN IN 4" (103G) WATER INTO V922 & HEAT TO 190-195 DEG. F. CIRCULATE 15 MIN THRU SPARKLER			
904/CV 10	27A	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	✓63	979-D	63
	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 AND 32			
	31	RUN IN 1" (95G) WATER INTO V-901			
	32	WITH V-904 AGITATOR ON, PUMP V-904 AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN). MAINTAIN 165-170*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	57		
	35	ADJ TO 45" (4252G) AT 32-38 DEG F ICE	X330	57-A	18810
	36	RUN IN N-725-A SODIUM NITRITE FROM S19 AFAP (5-10 MIN) & RINSE IN PT.			

EQUIPMENT		PAGE 3 OF 3 CG 32 CODE RT-428-D (D)	USE LBS	N-CODE	ACCT. LBS
CV #11 CONT	37	STIR 30 MIN AT 32-38 DEG F MAINTAINING +CR, +KI RECORD: TIME START 820, CR +(+), KI +(+) NOTE: 1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID RCRD: CR_____(+) KI_____(+) ASSUME 32%		28-D	
	38	IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE RCRD: CR_____(+), KI_____(+) ASSUME 33%		725-A	
	38	DUMP IN STRONTIUM NITRATE	255	246-B,E	255
	39	DUMP IN BARIUM SULFATE	400	65-A	400
	40	DUMP IN FROM S3 & STIR 10 MIN LOT		82-C	1057
		3-HYDROXY 6937	750		
		2-NAPHTHOIC ACID 6371	250		
		6881	32		
902 12	41	DUMP AMMONIUM CHLORIDE INTO V-902 & STIR 2-3 MIN	230	165-A	230
CV 13	42	WITH V-902 AGITATOR ON, IMMEDIATELY AFTER S41 COMPLETE, RUN V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. LET TEMP. RISE FREELY. RCRD: START 9AM TOTAL MIN 20			
	43	IMMEDIATELY AFTER S 42 COMPLETE, STEAM EJECT V-921/932 INTO CV			
	44	STIR 30 MIN & RECORD: DIAZO —(-), BASE +(+) PH 9.5(9.0-9.8), TEMP SS(50-60 DEG F)			
	45	IF NECESSARY, ADJ TO PH 9.0-9.8 SODIUM HYDROXIDE ASSUME 50%		7-D	
		RECORD: PH_____HYDROCHLORIC ACID ASSUME 32%		28-D	
	46	WEIGH I OCTANOL AND POUR IN	✓25	588-A	25
	47	HEAT TO 193-195 DEG F IN 65-75 MIN & RECORD: HT 194 DEG F & REC 194 DEG F			
	48	STIR 15 MIN AT 193-195 DEG F RECORD: START 1145			
	49	RECORD: PH 9.1(8.8-9.3)			
	50	FLOOD TO 180-190° (+,-18,000 G) & STOP AGITATOR			
	51	OPEN WATER VALVE AT OVERFLOW FOR DISTRBUTR AND BACK FLUSH THRU CHECK VALVE AND DISTRIBUTOR FOR 2 MINUTES. SHUT OFF WATER.			
	52	OPEN OVERFLOW OUTLET VALVE FOR DISTRIBUTOR REAR OF VAT.			
		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 1100 FIN 1215 OPTR 22-301 282			

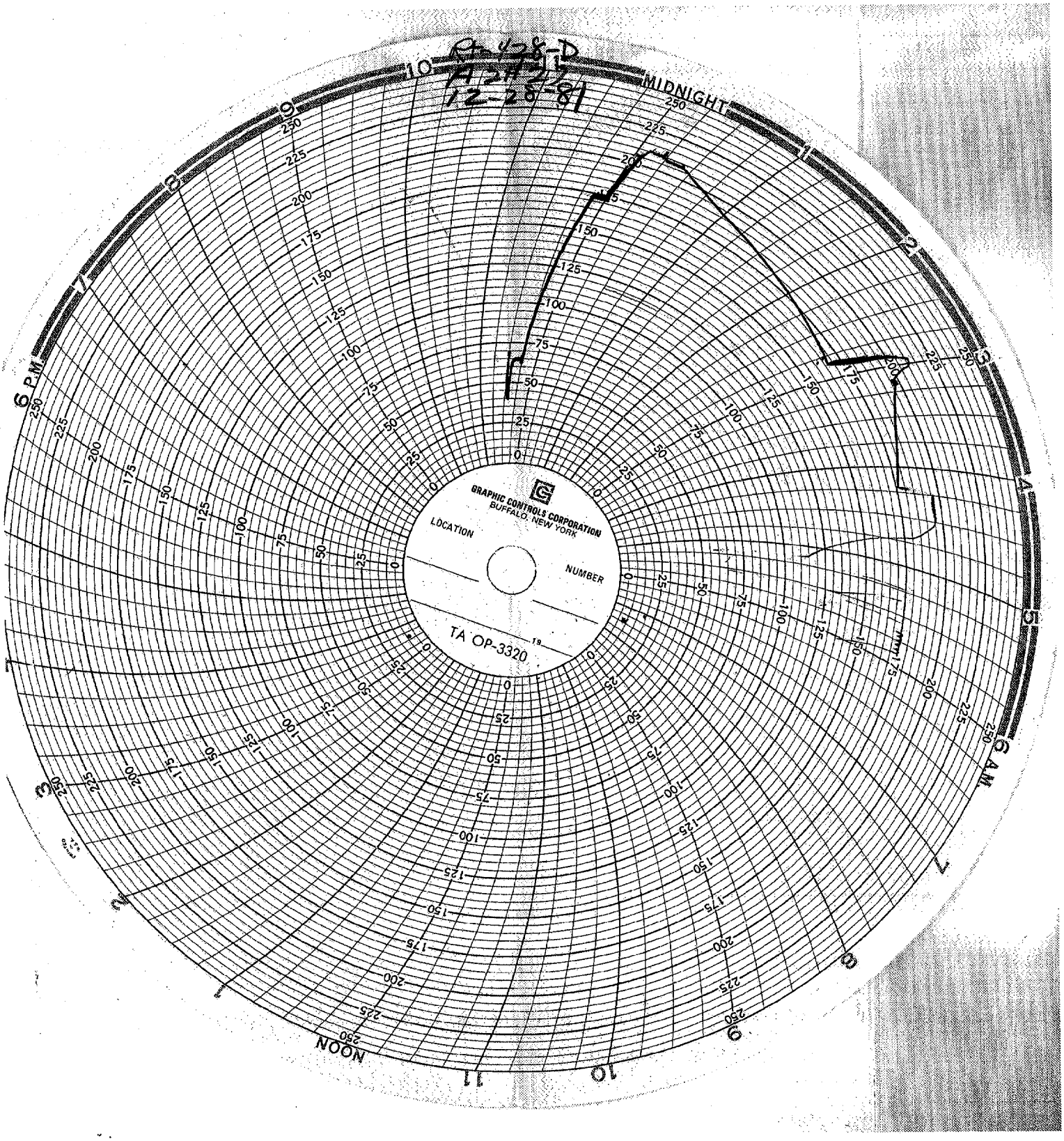
RECEIVED 901 VAT AFTER LUNCH

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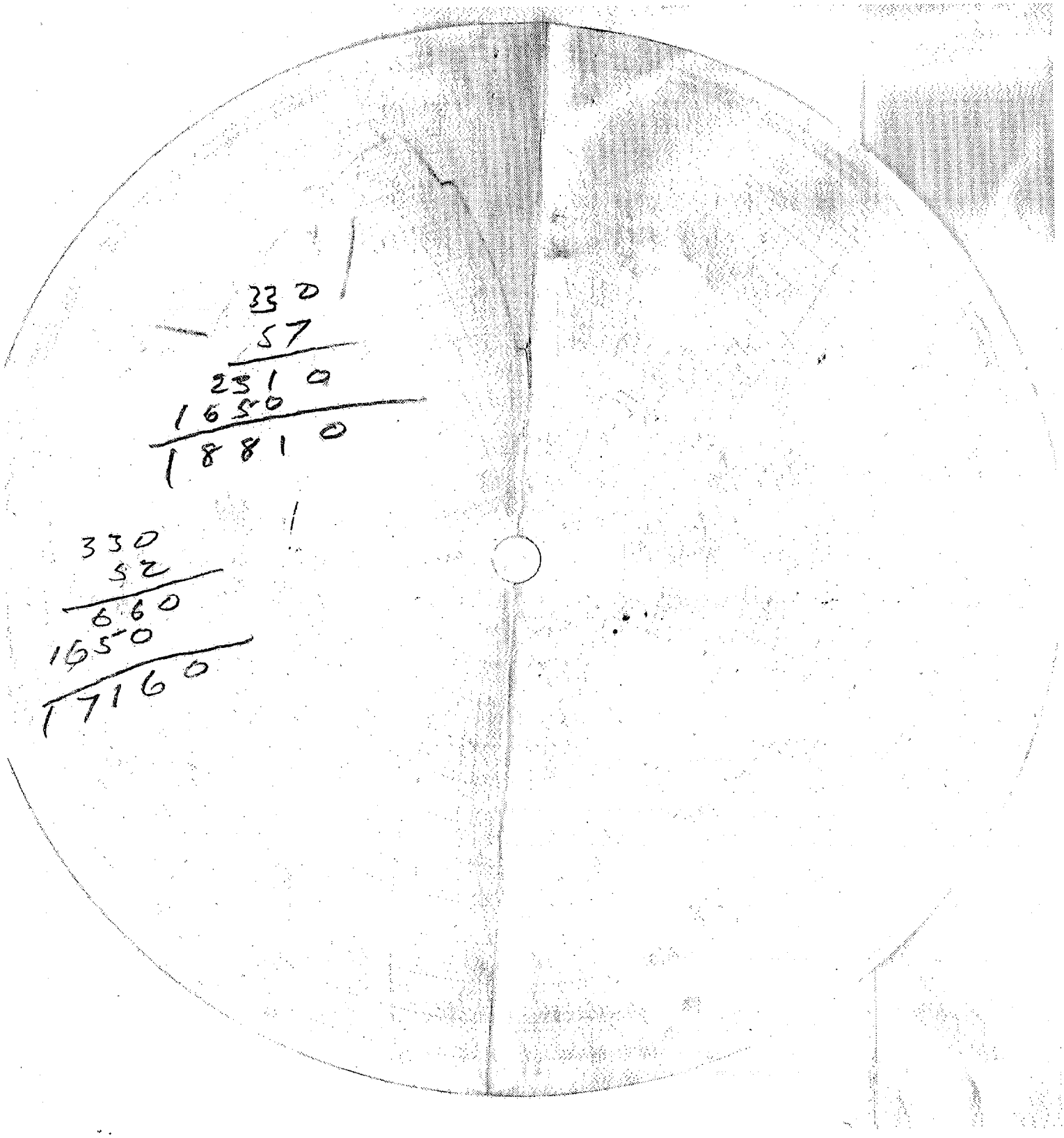
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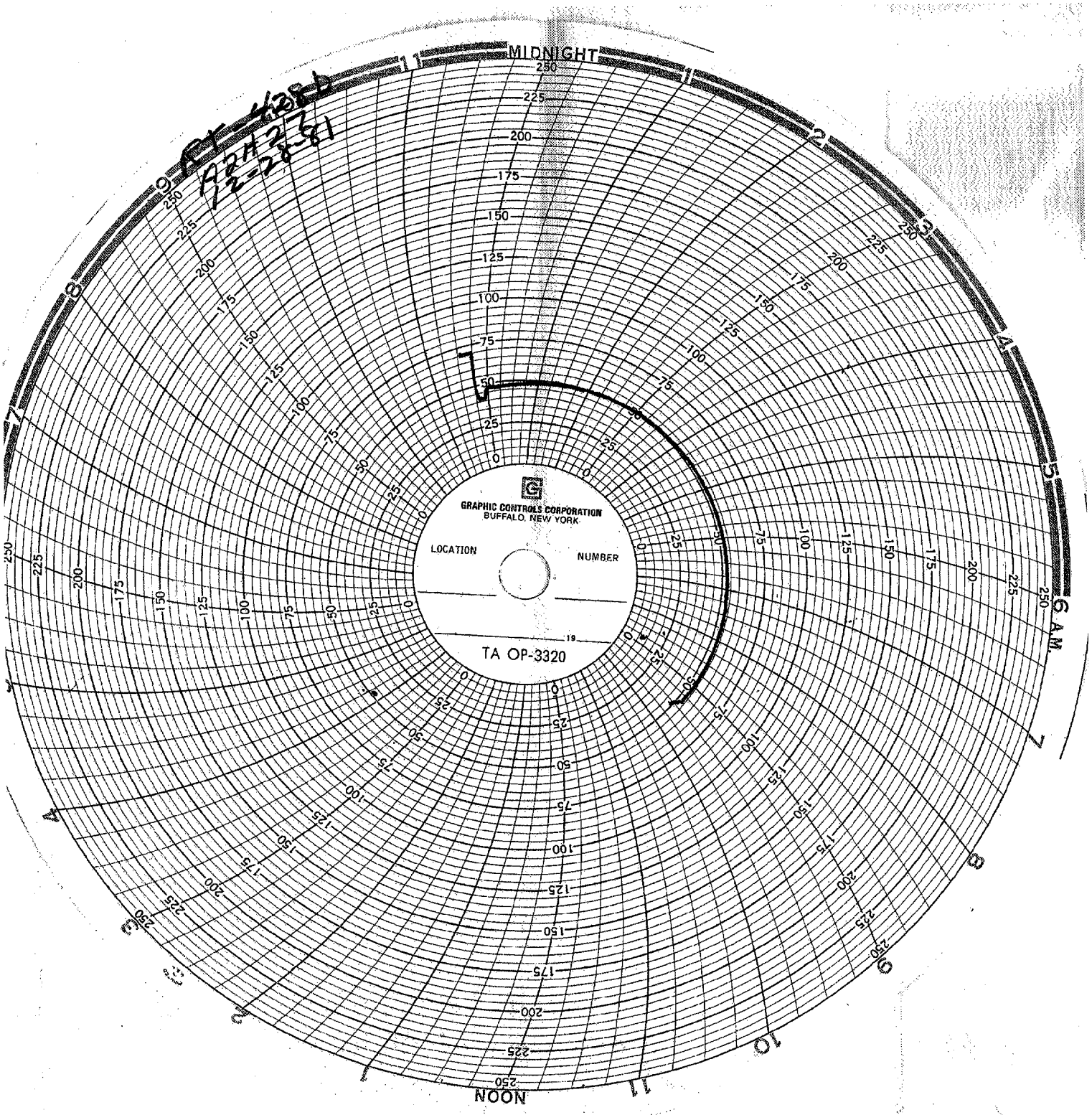
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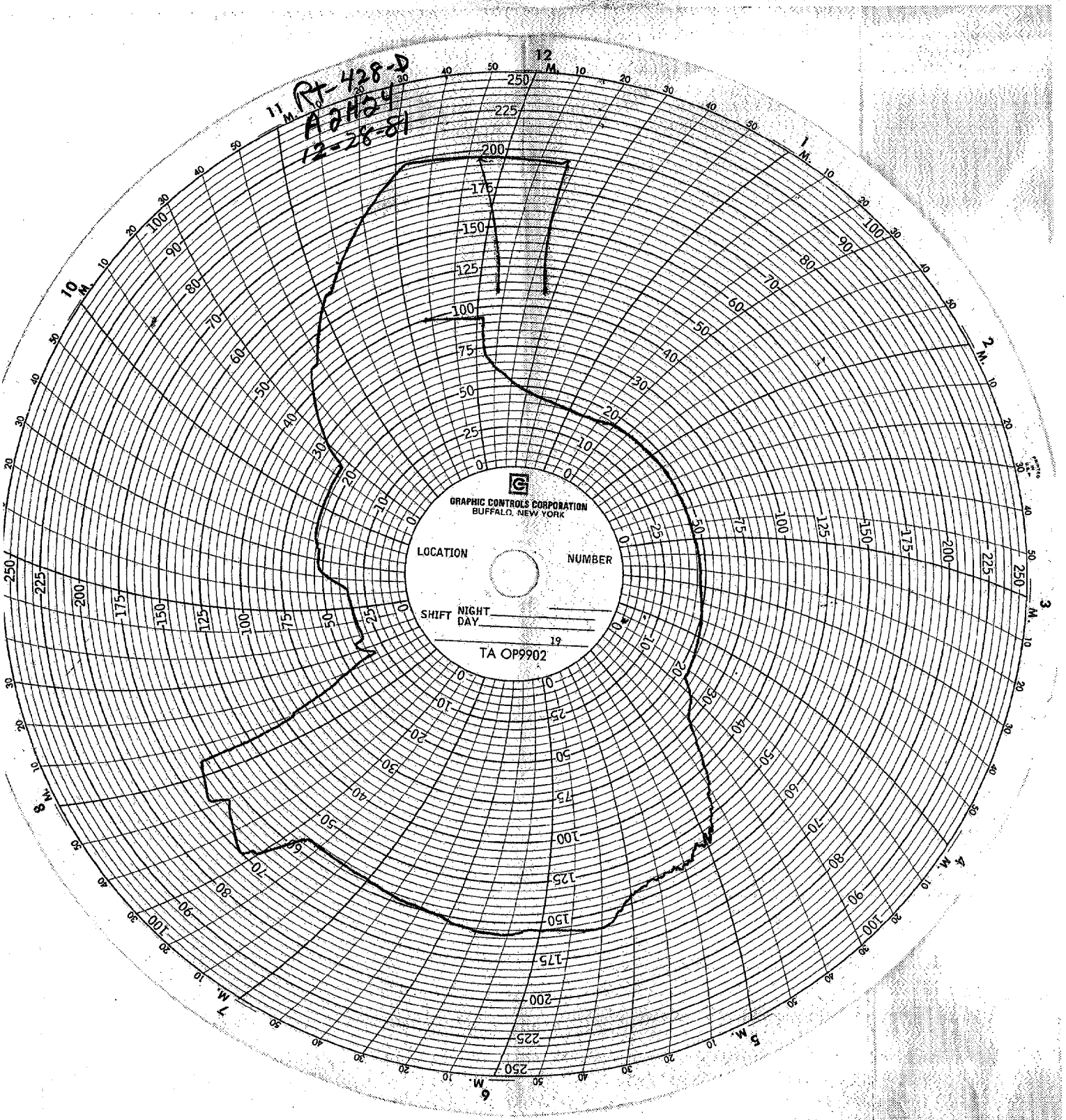
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