

S.V.

C.V. 901, 903

D.V. 902, 904

APK

CG 32 CODE RT-867-D PKG

PROCESSES APPROVED BY:
() RT-867-D (G) EWK 01/21/82OCT 12 1982
(DATE)**K2K14**
(LOT NUMBER)

COMTYP JOB NAME: 32RT867DMG

EST. WT. 2386* LBS.

STANDARD HRS.

TIME M

PREPARATION NOTES:

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 SUPVR TO REVIEW WITH P.R. SUPV & RECORD: PRESS WILL BE READY M PR SUPVR START MAKING M MAKING SUPV

NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V-922

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	RECORD: BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15# DICALITE,		
	2	FILTER AID	777-A	
	3	OBTAIN FOR S7 2-CHLORO-4-AMINOTOLUENE-5-SULFONIC ACID	740-C	
	4	OBTAIN FOR S23 3-HYDROXY-2 NAPHTHOIC ACID	82-C	
	5	INSTALL DV & CV RECORDER & CONTROLLER CHART		

922	6	RUN 38" (783G) WATER INTO V-922		
2	7	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN		

M 12, 50.16 % 451

CHECK
WEIGH
RECORD
BACK PAGE

8	TURN ON AGITATOR & STEAM & DUMP IN FROM S2	7-D	226
9	2-CHLORO-	740-C	1157
10	4-AMINOTOLUENE		
11	5-SULFONIC ACID		

12	DUMP IN ACTIVATED CARBON	25	113-B	25
13	DUMP IN FILTER AID	10	777-A	10

HEAT TO 212-214 DEG F WATCH FOAM

RECORD: BY 7, MUST BE + SODIUM HYDROXIDE ASSUME 50%

STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM WATCH FOAM

RECORD: SPARKLER PRESSURE 0 PSI. IF NOT ZERO, NOTIFY SUPERVISOR

CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S16 RECORD: START 8:50 PM

TOTAL MIN 20 CLARITY 0.1
RECORD: HT 194 DEG F & REC 195 DEG F

OCT 14 1982

MAKING INSTRUCTIONS BATCH UNIT

EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-867-D (G)	USE LBS	N-CODE	ACCT LBS
904/CV 3	15	RUN 1" (___G) WATER INTO V- <u>901</u> NOTE: USE CV IF MTY, IF CV IS NOT AVAILABLE USE V-904 16 WHEN S13 COMPLETE, PUMP IN V-922 THRU SPARKLER MAINTAIN V-922 AT 190-195 DEG F <u>9:10 A.M.</u> <u>20 min</u>			
MISC 4	17	WEIGH SODIUM NITRITE IN PT FOR S35 M <u>9</u> , <u>33.36</u> %	<u>1124</u>	725-A	375
	18	WEIGH SODIUM NITRITE IN DRUM FOR S40 M _____ %	<u>77</u>	725-A	33
<u>1/2 Pump</u>	19	WEIGH SODIUM NITRITE IN DRUM FOR S41 M _____ %	<u>77</u>	725-A	33
	20	MEASURED <u>346%</u> UNITS IN V-928 FOR S32 HYDROCHLORIC ACID M <u>2</u> , <u>31.01</u> %	<u>1223</u>	28-D	556
902 5	21	RUN 66" (1720G) WATER INTO V-902			
	22	WEIGH IN V-926 & RUN IN M <u>12</u> , <u>50.16</u> %	<u>1421</u>	7-D	713
<u>CHECK WEIGH</u> <u>RECORD ON</u> <u>BACK PAGE</u>	23	DUMP IN FROM S3 3-HYDROXY- 2-NAPHTHOIC ACID <u>8292</u> <u>7670</u>	<u>1008</u> <u>48</u>	82-C	1056
	24	ADJ TO 70-90 DEG F & STIR 10 MIN OR LONGER TO DISSOLVE FOR S41			
922 6	25	WHEN S18 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG			
	26A	RUN IN 10" (167G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER			
904/CV 7	26B	PUMP V-922 THRU SPARKLER INTO V-904/CV			
922 8	27A	RUN IN 5", (80G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER			
904/CV 9	27B	PUMP V-922 THRU SPARKLER INTO V-904/CV			
	28	WHEN MT BLOW OUT SPARKLER INTO V-904/CV			
	29	HEAT TO 165-170 DEG F			
CV 10	30	NOTE: IF N-740-C SOL'N (S15 & 16) WAS PUMP- ED DIRECTLY FROM SPARKLER TO CV OMIT S30,31 31 RUN IN 1" (95G) WATER INTO V- 32 PUMP V-904 AT 165-170 DEG F THRU UNDERSUR- FACE DISTRIBUTOR INTO CV AFAP (12-15 MIN) MAINTAIN 165-170 DEG F IN CV 33 RUN IN N-28-D HYDROCHLORIC ACID FROM S20 IN 12-15 MIN 34 STIR 15 MIN AT 165-170 DEG F 35 ADJ TO 47" (4442G) AT 32-38 DEG F 36 RUN IN N-725-A SODIUM NITRITE FROM S17 AFAP (5-10 MIN) & RINSE IN PT.	<u>40</u> <u>20X330</u>	57-A	<u>1320d</u>

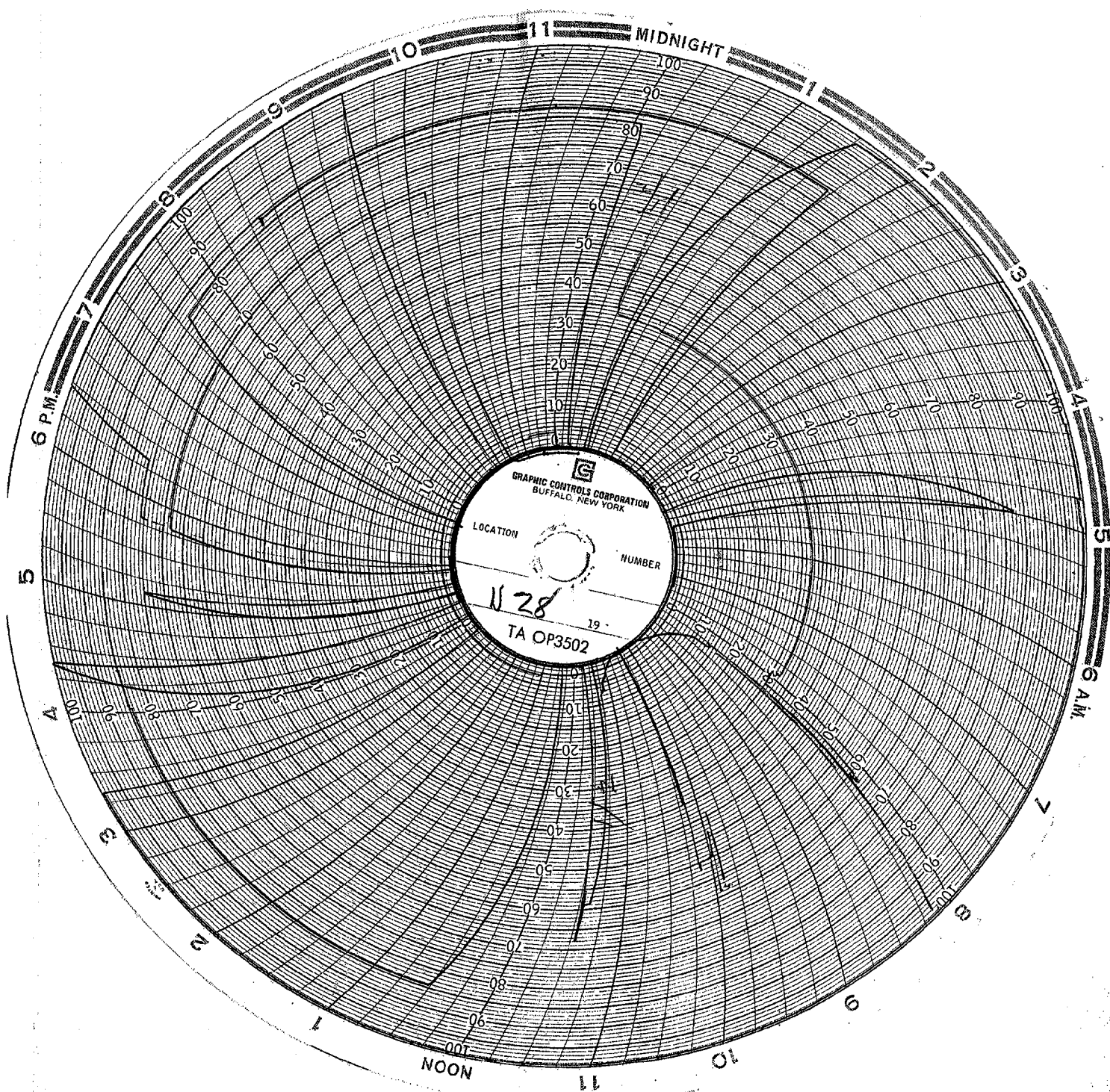
MAKING INSTRUCTIONS: BATCH UNIT

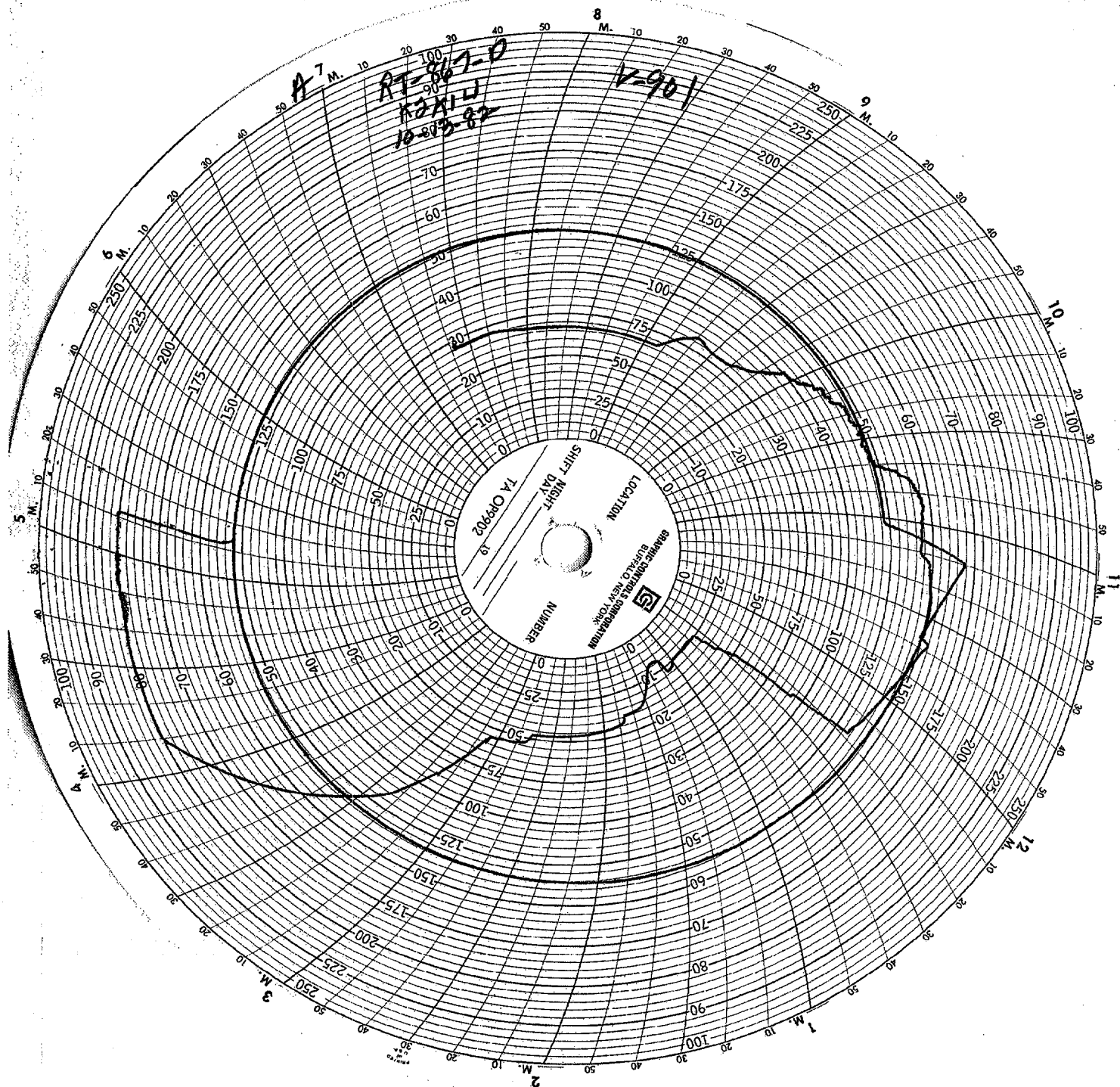
EQUIP MENT		PAGE 3 OF 3 CG 32 CODE RT-867-D (G)	USE LBS	N-CODE	ACCT LBS
CV 10 CONT	34	STIR 20 MIN AT 28-32 DEG F MAINTAINING +CR, +KI. RECORD: TIME START <u>1750</u> CR <u>4</u> (+), KI <u>+</u> (+) NOTE: (1) IF CR-, KI- ADD 20% "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD CR <u> </u> (+) KI <u> </u> (+) (2) IF CR+, KI- ADD 20% "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD CR <u> </u> (+) KI <u> </u> (+)		57-A	
	37	DUMP IN CALCIUM CHLORIDE	<u>782</u>	20-A	782
	38	DUMP IN BARIUM SULFATE	<u>15 55</u>	65-A	<u>55</u>
	39	ADD TO MAINTAIN CV AT 32-38 F THRU S44	<u>33X330</u>	57-A	<u>4950</u>
	40	POUR IN N-725-A SODIUM NITRITE FROM S18			
902 11	41	POUR N-725-A SODIUM NITRITE FROM S19 INTO V-902			
	42	DUMP IN AMMONIUM CHLORIDE & STIR 2-3 MIN	226	165-A	226
CV 12	43	IMMEDIATELY COUPLE V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. MAINTAIN CV - 32-38 DEG F RECORD: START <u>130</u> TOTAL MIN <u>25</u>		57-A	
	44	STIR 30 MIN			
	45	RECORD: BASE <u>+</u> (+) DIAZO <u> </u> (-) PH <u>4.0</u> (9.0-9.8)			
	46	ADJ TO PH 9.0-9.2 SODIUM HYDROXIDE RECORD: PH <u>9.2</u> ASSUME 50% HYDROCHLORIC ACID ASSUME 32%	<u>900</u>	7-D	<u>450</u>
				28-D	
PT 13	47	RUN +/- 70G AT 135-145°F FROM HOT WATER MIXER INTO PT			
	48	DUMP IN BARIUM CHLORIDE	200	16-B	200
	49	STIR TO DISSOLVE FOR S50			
CV 14	50	WHEN S49 COMPLETE, RUN PT INTO CV & RINSE IN PT			
	51	MEASURE I OCTANOL IN CALIBRATED CONTAINER & POUR IN	38	588-A	38
	52	HEAT TO 193-195 DEG F IN 75-80 MIN			
	53	RECORD: HT <u>195</u> DEG F & REC <u>200</u> DEG F			
	54	STIR 60 MIN AT 193-195 DEG F			
	55	AFTER 20 MIN S54 STIR RECORD: PH <u>8.3</u> (8.2-8.6)			
	56	WHEN S54 COMPLETE, FLOOD TO 180-190" (+/- 18,000G) & STOP AGITATOR			
		WHEN INSTRUCTED BY PROCESS AREA HALFWAY THRU PRESSING, DUMP IN I OCTANOL & STIR 5 MIN STOP AGITATOR & RESUME PRESSING	10	588-A	10
		START <u>11 PM</u> FIN <u>5:54 AM</u> OPTR <u>282</u>			

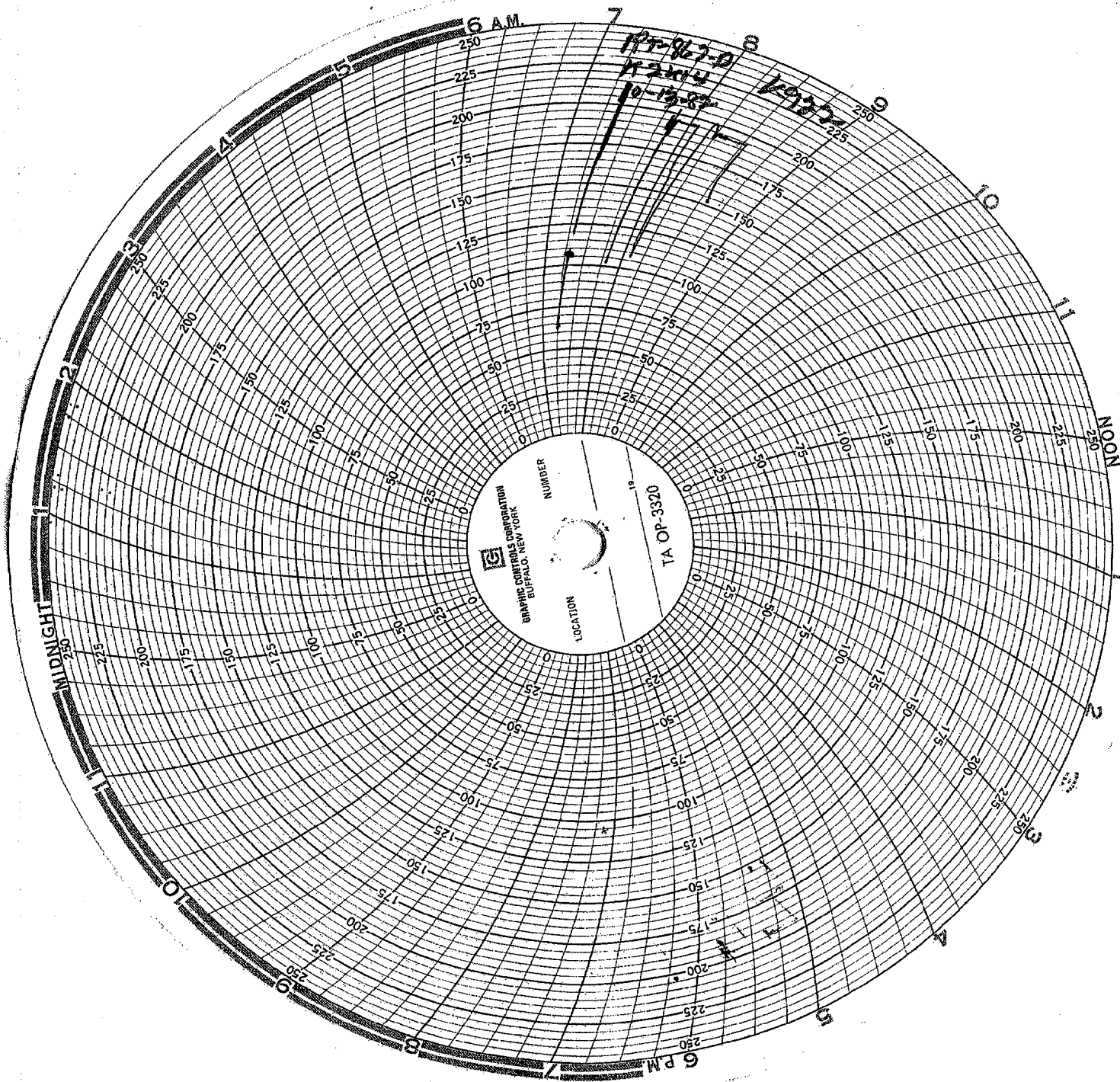
LOT K2K14

CHECK-WEIGH & CALCULATE

[illegible]







330
40

13200

3300
16500

534
8534

530
150510

530
150510

530