

CG 16 CODE RC-1-A PKG

PROCESSES APPROVED BY
(RC-1-A) (C) BBK 11/5/81

MAY 28 1982 F2J09-1

(DATE) (LOT NUMBER)

ESTIMATED WGT 1849* LBS. TYPED BY: JMH
STANDARD HRS. TIME M

PUNCH B.I.P.:

PREPARATION NOTES:

EQUIP MENT		NAME: MONASTRAL RED B	5 PAGES	USE LBS	N-CODE	ACCT LBS
PREP	1	INSTALL TEMP & AMP CHARTS				
1	2	WEIGH +/-600# OF RC-1/RC-3 BORAX SLUDGE FOR S5				
	3	DIP LIQUID FROM SLUDGE & ADD TO CLASSIFIER INTAKE				
	4	OBTAIN +/-200# CHOPPED ICE FOR S13-B				
HF MILL	5	SHOVEL 600# OF BORAX SLUDGE (EQUIVALENT TO +/-300# 100% BROAX) INTO HF MILL. NOTE:				
2		TOTAL WEIGHT INCLUDES LIQUID REMOVED IN S3.				
	6	ADD	18	834-B	0	
	7	START COOLING WATER SPRAY & AGITATOR				
	8	STIR 3-5 MIN TO UNIFORMITY				
	9	STOP AGITATOR & DUMP IN. NOTE: RECORD: LOT, %100%, & "AS IS LBS" IN S35.	130	7500-A	0	
	10	STIR 3-5 MIN TO UNIFORMITY				
	11	ADD IN 5-10 MIN WHILE AGITATING	300	972-A	0	
	12	IMMEDIATELY START MILLING CYCLE				
	13	STIR FOR HOURS SHOWN BELOW MAINTAINING 38-42 AMPS & 110-130 DEG F.				
		N-7500-A LOT	MILLING HOURS			
		<u>any</u>	<u>3.0</u>			
		A. AFTER 1/2 HR MILLING ADD N-972-A OR TRICKLE IN WATER TO MAINTAIN 38-42 AMPS. DO NOT ADD N-972-A AT LESS THAN 10 MIN INTERVALS. RECORD ADDITIONAL N-972-A USED IN S35.				
		B. IF NECESSARY, ADD N-57-A TO MAINTAIN 110-130 DEG F.				
		C. IF CAKE FORMS, STOP AGITATOR, SCRAPE MILL WALL TO PERMIT HEAT TRANSFER.				
		D. RECORD NECESSARY DATA IN S19, 20, 35 AND PAGE 5.				

JUN 10 1982

N38958

EQUIP MENT		PAGE 2 OF 5 CG 16 CODE RC-1-A (C)	USE LBS	N-CODE	ACCT LBS
CLASS	14	DURING S13 STIR, HOOK UP LINES FROM DORR			
3		CLASSIFIER TO V-10. NOTE: FEED VALVE MUST			
		BE CLOSED.			
	15	OBTAIN TWO 55 GAL. DRUMS FOR S27.			
SHRIV	16	SET UP 20 PLATES EACH IN NO. 1 & NO. 2			
4		SHRIVER THICKENERS			
HF	17	ADD 5-10 GAL. WATER TO HF MILL. CAUTION:			
MILL		TOO MUCH WATER WILL CAUSE CHARGE TO SPLASH			
5		OVER EDGE OF MILL.			
	18	STOP AGITATOR & TURN OFF COOLING WATER.			

MISC	19	RECORD:					TOTAL
6		CHG	DATE	TIME	DATE	TIME	MILL
		#	START	START	FIN	FIN	HRS
		1	6-1-82	9:00 AM	6-1-82	2:00 PM	5 HRS
		2	6-1-82	9:00 AM	6-1-82	2:00 PM	5 HRS
		3	6-2-82	3:20 AM	6-2-82	8:20 AM	5 HRS
		4	6-2-82	11:30 AM	6-2-82	4:30 PM	5 HRS
		5	6-2-82	11:30 AM	6-2-82	4:30 PM	5 HRS
		6	6-3-82	9:00 AM	6-3-82	2:00 PM	5 HRS
		7	6-3-82	9:00 AM	6-3-82	2:00 PM	5 HRS
		8	6-3-82	9:00 AM	6-3-82	2:00 PM	5 HRS
		9	6-4-82	4:35 AM	6-4-82	9:35 AM	5 HRS
		10	6-4-82	1:30 PM	6-4-82	6:30 PM	5 HRS
		11	6-4-82	1:30 PM	6-4-82	6:30 PM	5 HRS
		12	6-4-82	1:30 PM	6-4-82	6:30 PM	5 HRS
		13	6-7-82	9:00 AM	6-7-82	2:00 PM	5 HRS
		14	6-7-82	9:00 AM	6-7-82	2:00 PM	5 HRS

20 RECORD ACCURACY ONCE PER SHIFT WHILE MILLING:

DATE	TIME	CHG NO.	AM- METER AMPS	RE- CORDER AMPS	HT *F	RECORD *F
		1+2				
		3+4				
		5+6				
		7+8				
6-4-82	4:30 PM	9+10	40-39	40-39	122-110	128-110
6-7-82	12:00 PM	13+14	40-38	40-38	122-110	128-110

SV-11 21 ADD 10" (122G) WATER TO V-11
7 22 HEAT TO 140-150 DEG F FOR S24.

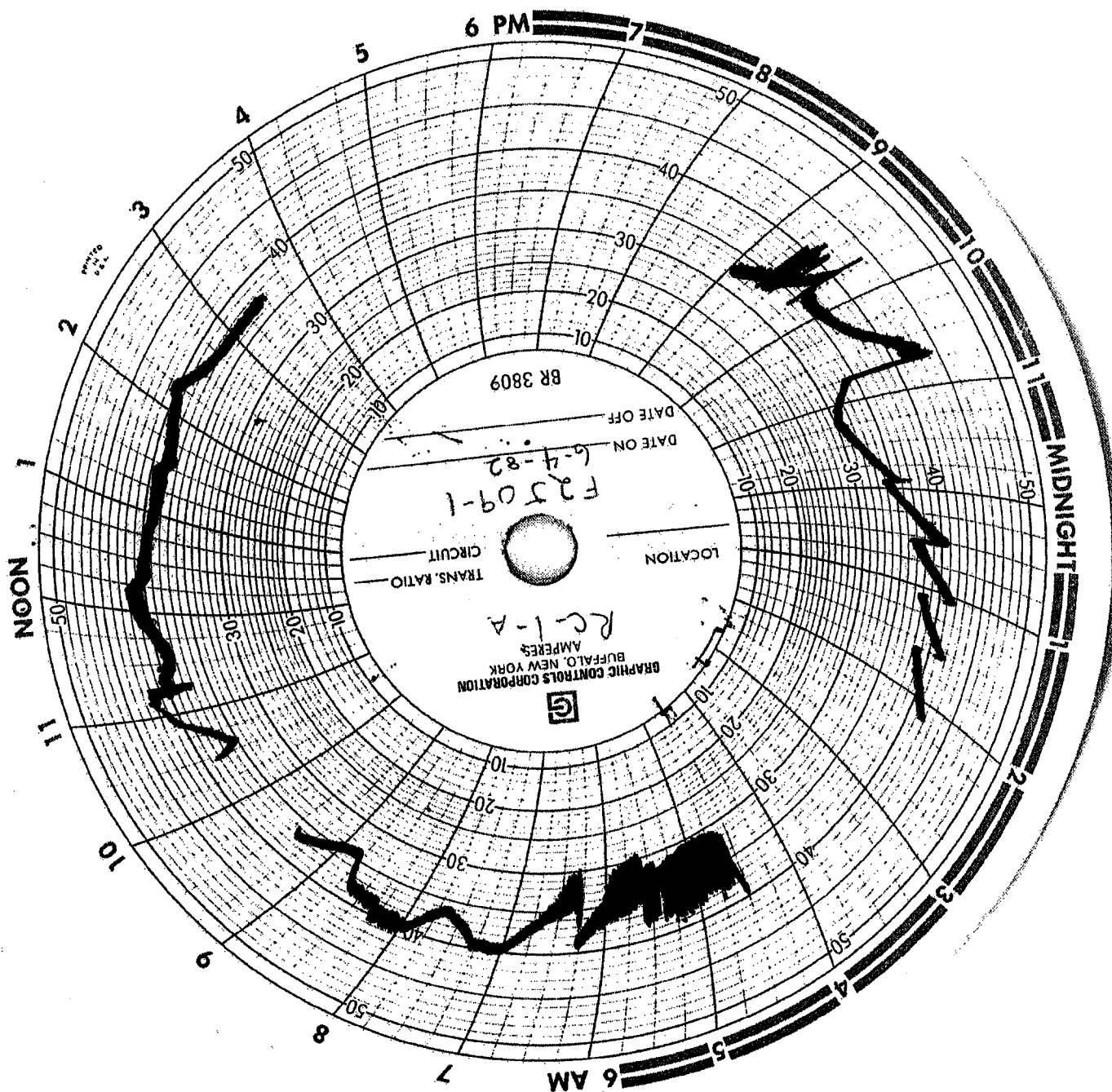
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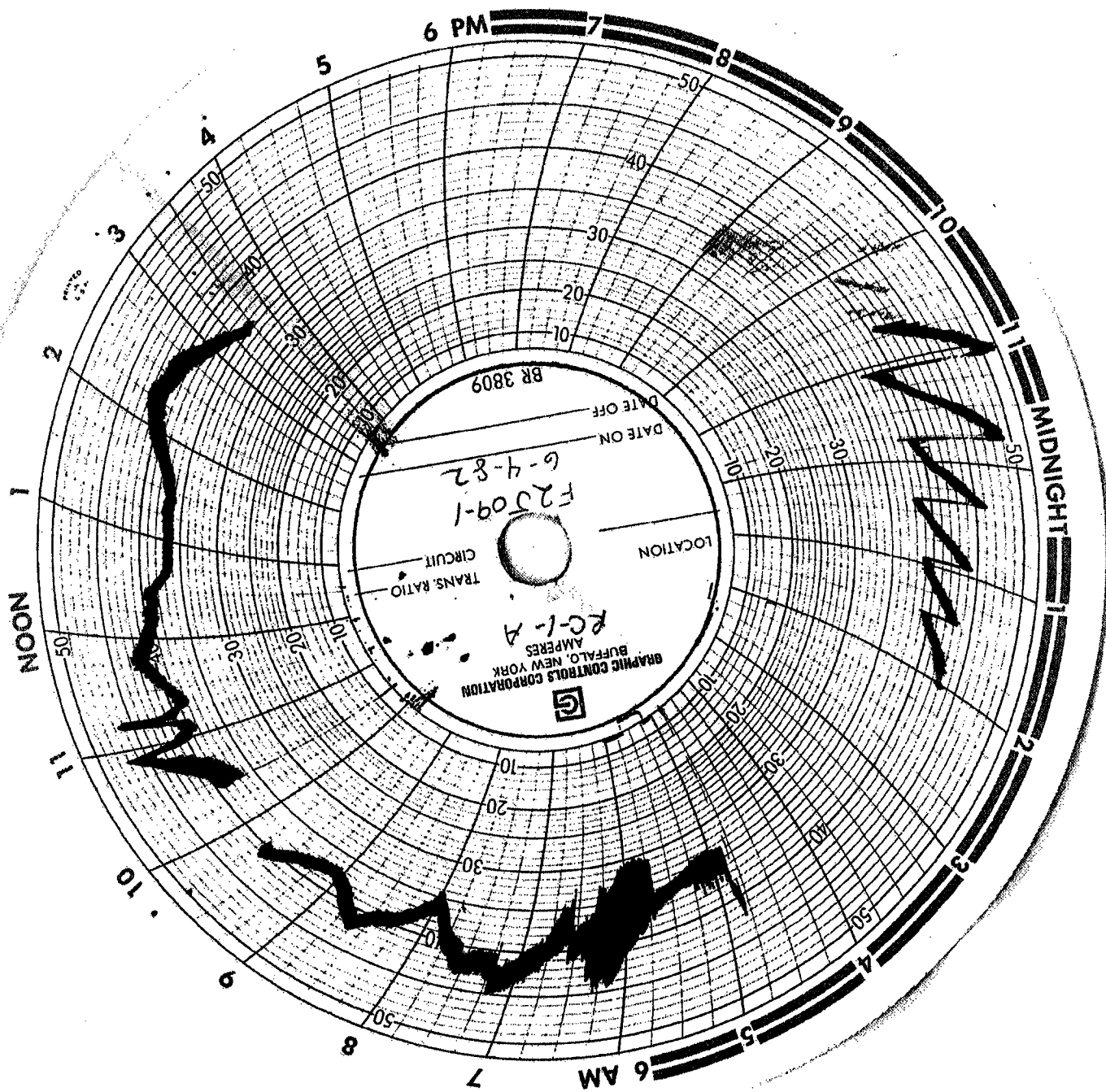
EQUIP MENT		PAGE 3 OF 5 CG 16 CODE RC-1-A (C)	USE LBS	N-CODE	ACCT LBS
13/14 8	23	PUMP 2 CHARGES FROM HF MILLS TO V13 OR V14			
	24	WASH OUT HF MILLS, WITH HEATED WATER FROM V11			
	25	ADJ TO 24" (408G) AT 140-150 DEG F			
	26	IMMEDIATELY COOL TO 75-80 DEG F	6X330	57-A	0
	27	RECORD DATE ON BOTTOM OF PAGE 5			
CLASS 9	28	BACK WASH LINES FROM CLASSIFIERS TO V-13 OR V-14			
	29	PLACE 55 GAL DRUM UNDER SLUDGE DISCHARGE & START MOTOR			
	30	OPEN INLET VALVE & RUN V-13 OR V-14 THRU CLASSIFIER TO V-10 AT 2.5-3.0 GPM			
	31	WHEN DRUM CONTAINS +/-45G OF SLUDGE, CHANGE DRUM, WEIGH & RECORD IN TABLE ON BOTTOM OF PAGE 5			
	32	WHEN V-13 OR V-14 IS MT, CLOSE FEED VALVE & BACKWASH LINE TO VAT FOR 1/2 MIN.			
	33	OPEN FEED VALVE & DRAIN VAT TO CLASSIFIER, DO NOT WASH IN VAT. NOTE: 4 OR FEWER HF MILL CHARGES MAY BE RUN FROM V-13 OR V-14 TO V-9 OR V-10, WITHOUT TREATMENT OR CLASSIFICATION. RECORD: CHARGE NO. _____			
MISC 10	34	REPEAT S'S 1-33 UNTIL 14 CHARGES ARE COLLECTED. ****CAUTION**** AFTER 9TH CHARGE WATCH VOLUME IN V-10.			
		*****CONTINUE TO NEXT PAGE FOR CHART*****			

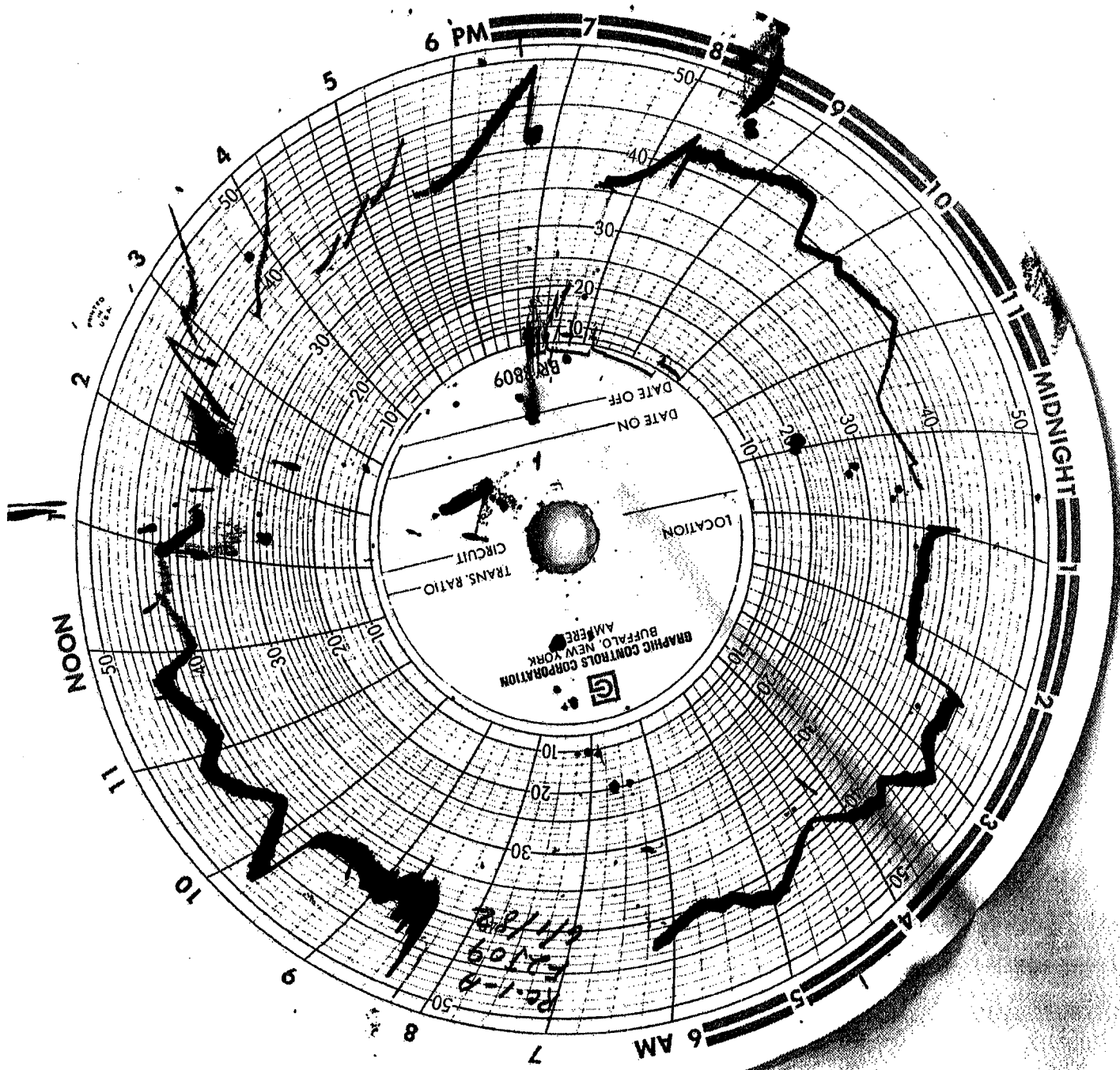
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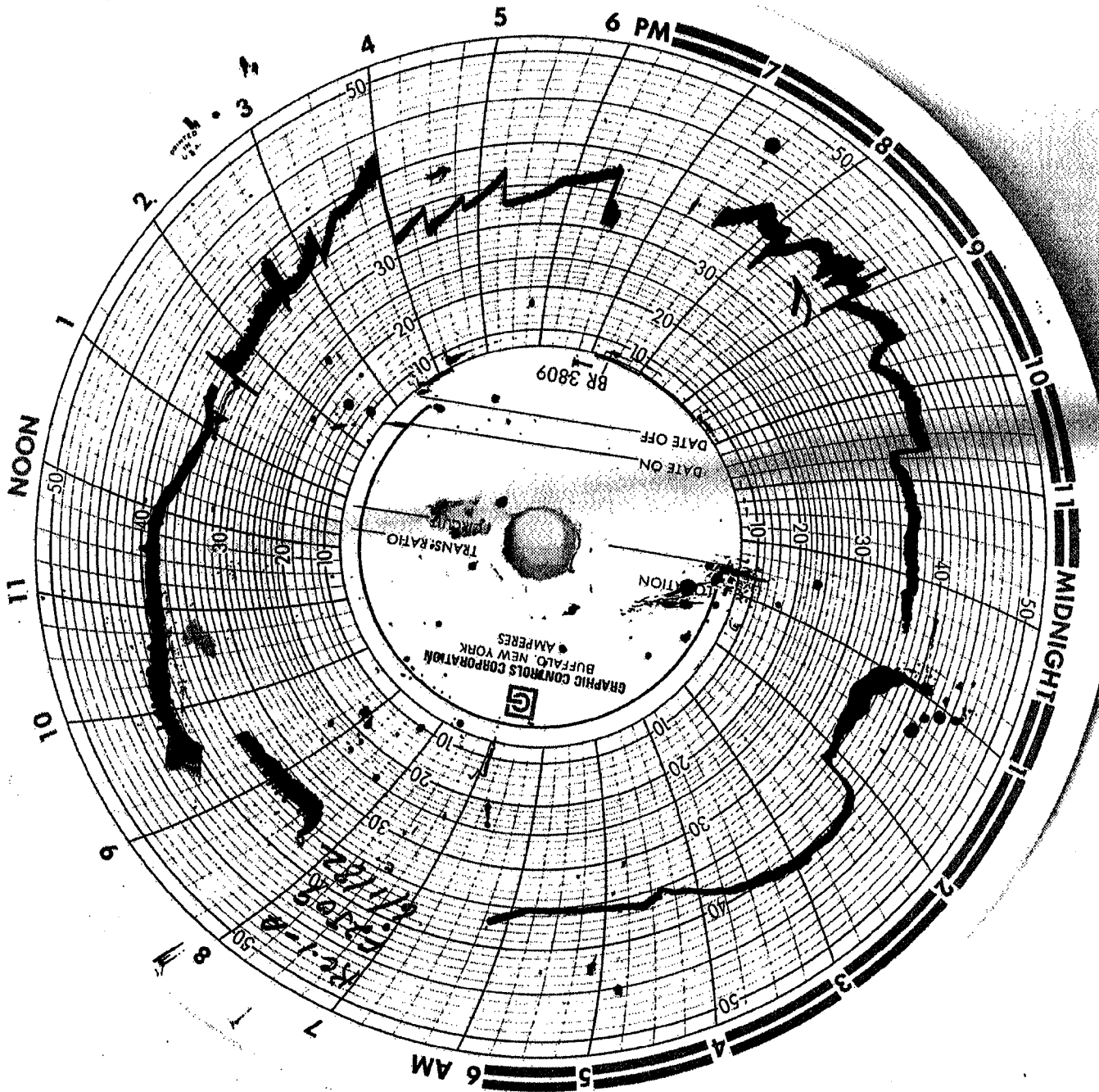
V-10 12	37	HEAT V-10 TO 150-160 DEG F
V-9 13	38	PUMP V-10 TO V-9 CAUTION DO NOT OVERFLOW V9
	39	START AGITATOR
	40	ADJ TO +/-50° MAINTAINING 150-160 DEG F
	41	RINSE IN V-10 & V-10 LINES
	42	CIRCULATE THRU SHRIVER THICKENERS TO 50°
		(2220G) AT 150-160 DEG F
	43	RECORD: START DATE <u>1-7</u> TIME <u>10 PM</u> VOL <u>50</u>
	44	CIRCULATE UNTIL EFFLUENT REACHES 4000 OHMS
	45	RECORD: FINISH DATE _____ TIME _____
		OHMS _____ PH _____ (8.4-9.0)
		TIME <u>11:00</u>
		OHMS <u>2500</u>
		TIME <u>12:00</u>
		OHMS <u>500</u>
NOTE: AFTER 16 HRS WASHING TAKE OHM READINGS EVERY 4 HRS		
	46	SHUT OFF WATER & STOP CIRCULATION PUMP

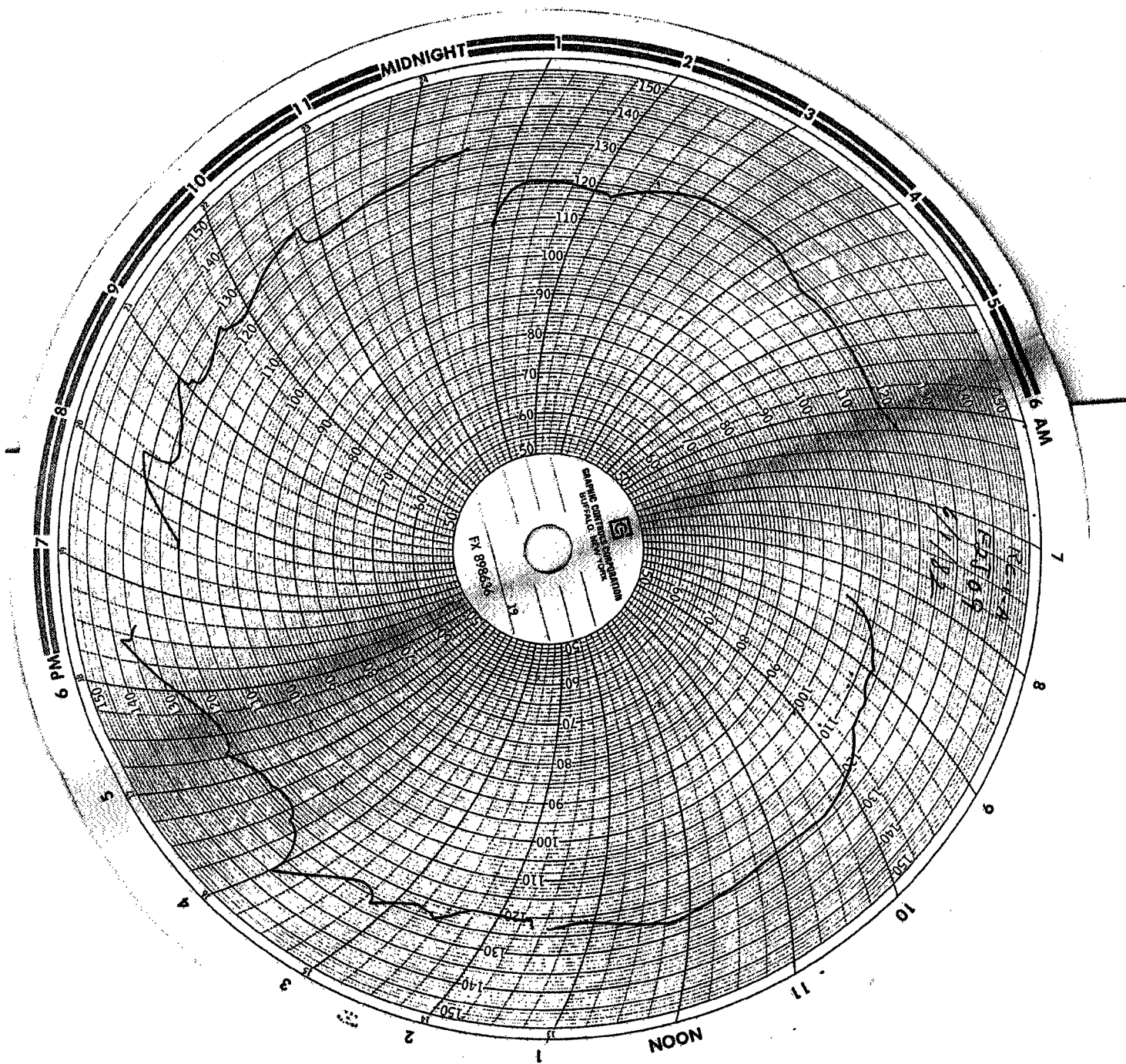
EQUIP MENT		PAGE 5 OF 5 CG 16 CODE RC-1-A (C)	USE LBS	N-CODE	ACCT LBS
V-201	47	PUMP V-9 TO V-201			
14	48	WASH IN V-9 WITH MIN AMOUNT OF WATER			
V-9	49	RUN 10" (450G) WATER INTO V-9			
15	50	HEAT TO 158-162 DEG F			
	51	RECIRCULATE THRU SHRIVER THICKENERS FOR 15 MIN OR UNTIL EFFLUENT IS CLEAR			
201	52	ADD & STIR 10 MIN TO DISSOLVE	157	707-B	157
16			157		157
304	53	RUN 30" (366G) WATER INTO V-304 & TURN ON AGITATOR	103	3-A	103
17	54	ADD & STIR TO DISSOLVE FOR S55	103		103
201	55	RUN V-304 INTO V-201 IN 5-10 MIN			
18	56	STIR 10 MIN & RECORD: PH <u>8.7</u> (8.3-8.9)			
	57	FLOOD TO 88" (5210G) & STOP AGITATOR			
		START FIN OPTR			
		<u>11:00</u> <u>12:30P</u> <u>438</u>			
CHG	VAT	VOLUME	FINAL	N-57	SLUDGE
NO.		INIT	FINAL	USED	CLASS
1&2					
3&4					
5&6					
7&8					
9&10	13	24	45	50	2310
11&12					1200
13&14					

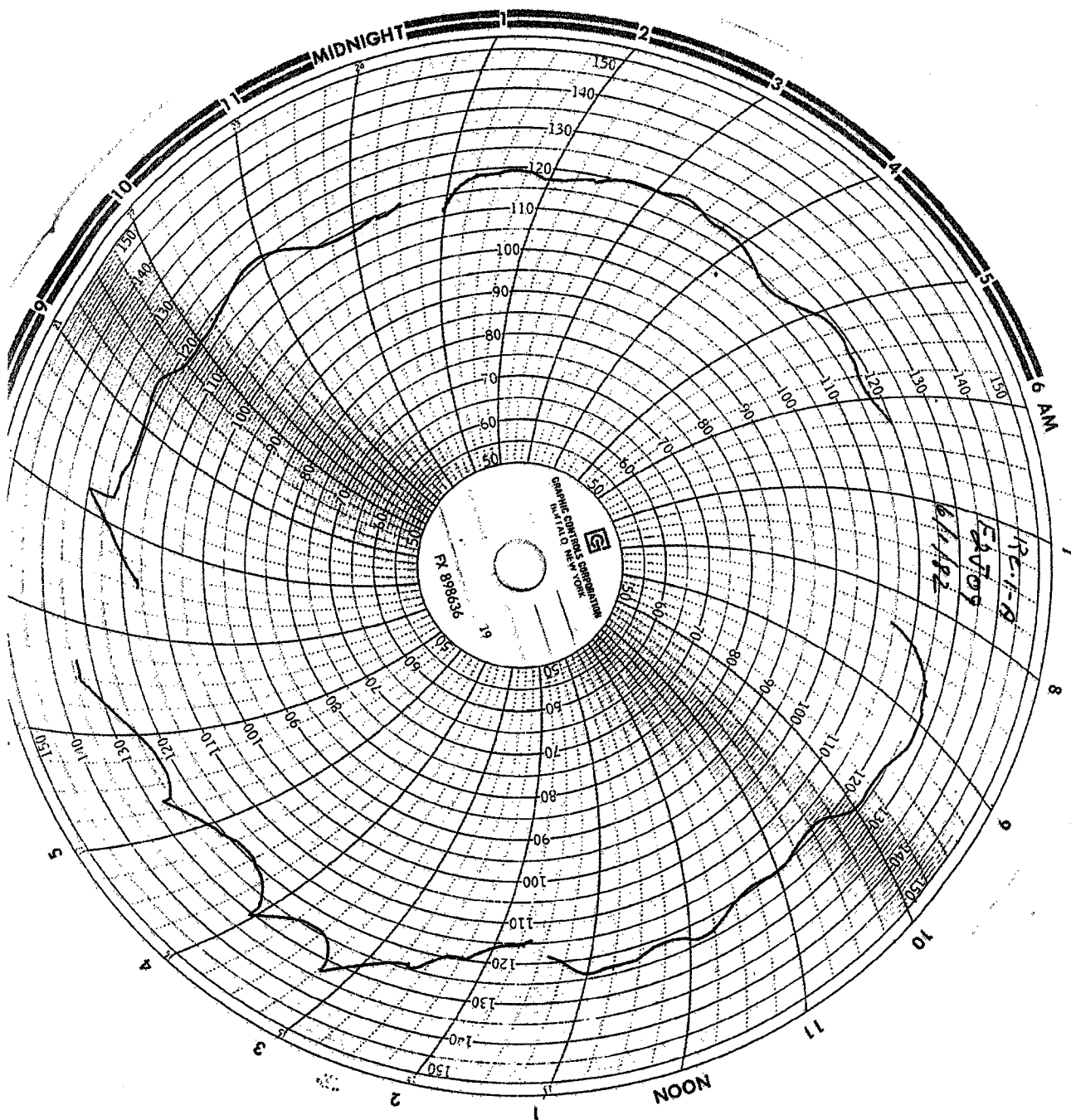


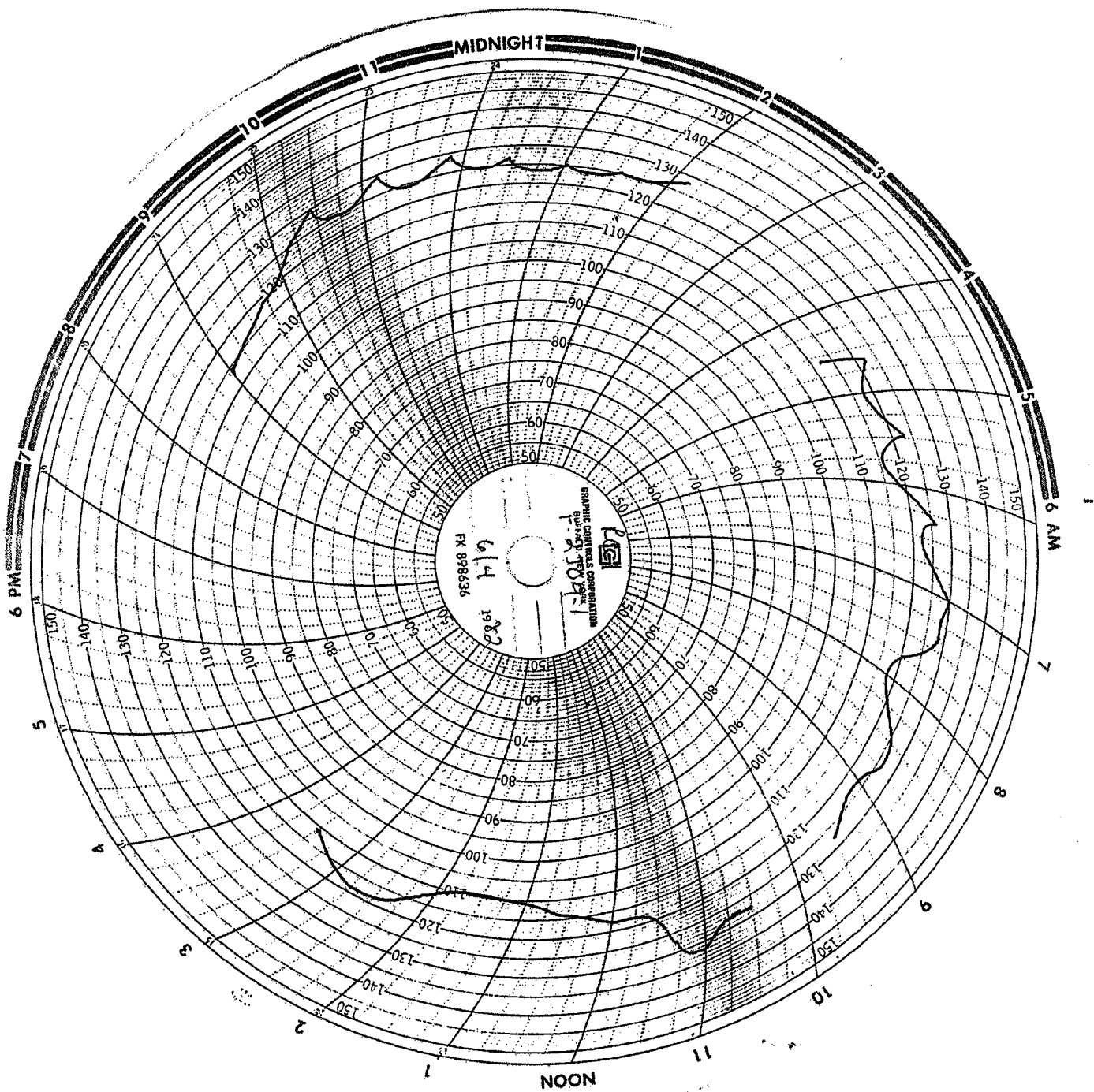


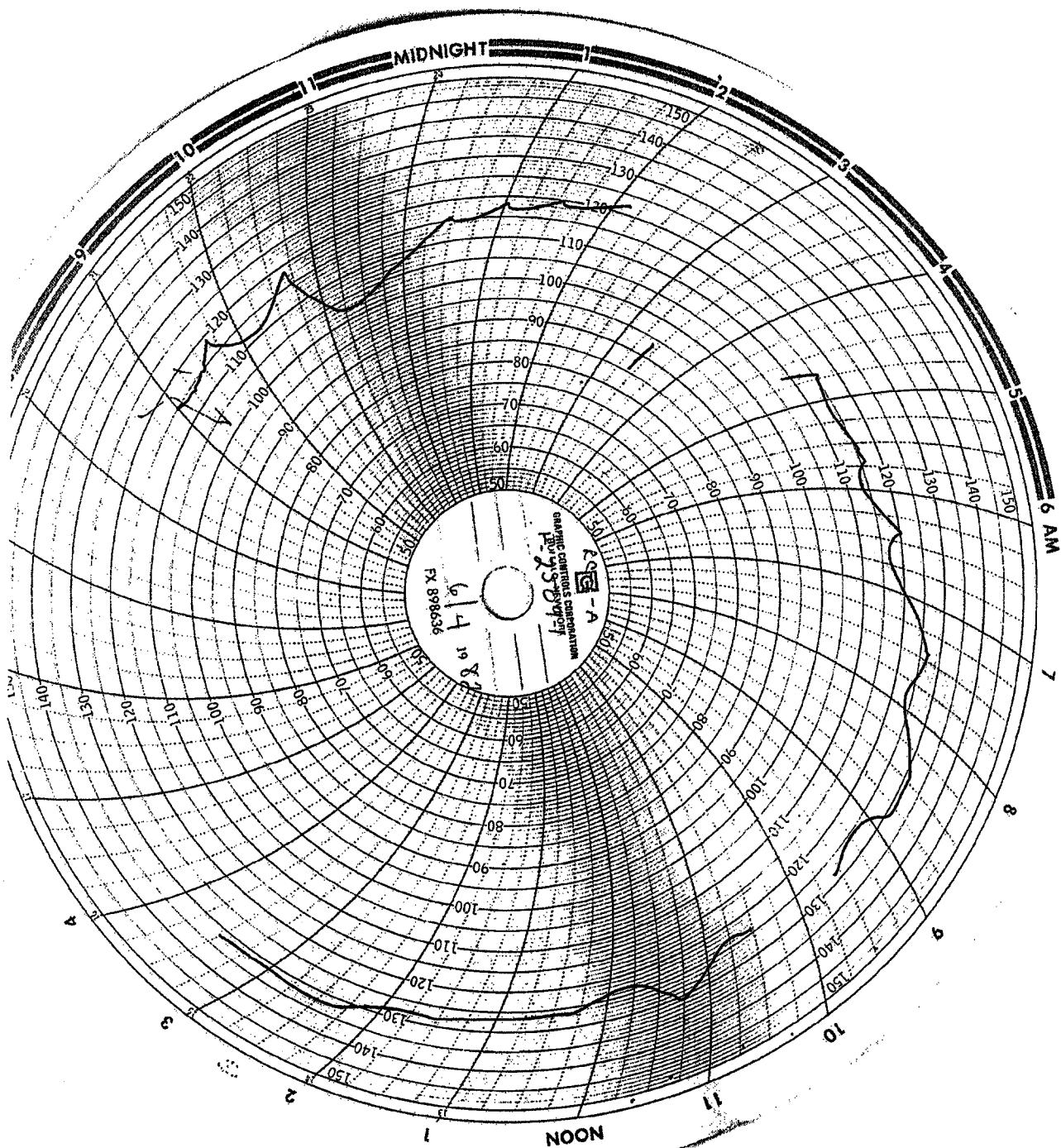












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