10/4/82 K2313

(DATE) (LOT NUMBER)

EWK 12/7/81

COMTYP JOB NAME = 36RT695DMO

TYPED BY: KLW

EST. WT. 2608* LBS. STANDARD HRS. _____ TIME 11P M

PREPARATION NOTES: _____

NON-BLEEDING

EQUIPMENT		NAME: "BON" RED DARK	USE LBS	N-CODE	ACCT LBS
PREP 1	1	IF NECESSARY, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15# DICALITE FILTER AID		777-A	
	2	OBTAIN FOR S 6 2-CHLORO-4-AMINO TOLUENE-5 SULFONIC ACID		740-C	
	3	OBTAIN FOR S 42 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
317 2	4	RUN 23" (732G) WATER INTO V-317			
	5	WEIGH & POUR IN SODIUM HYDROXIDE M 11, 50.09 %	429	7-D	215
	6	TURN ON AGITATOR & STEAM & DUMP IN FROM S 2 2-CHLORO-4-AMINO-TOLUENE-5-SULFONIC ACID		740-C	1103
		LOT 301 100% 1018 % 98.33	1035		
		308 85 98.26	87		
	7	WEIGH ON POSTAL SCALE 2-AMINO-TOLUENE-5-SULFONIC ACID & ADD LOT 282	1	584-C	1
	8	DUMP IN ACTIVATED CARBON	50	113-B	50
	9	DUMP IN DICALITE, FILTER AID	10	777-A	10
	10	HEAT TO 214-216 DEG. F WATCH FOAM			
	11	RECORD: BY + (+), IF NECESSARY ADJUST TO + BY SODIUM HYDROXIDE ASSUME 50%		7-D	
	12	STIR 30 MIN. AT 212-214 DEG. F; THEN SHUT OFF STEAM WATCH FOAM NOTE RECORD: SPARKLER PRESSURE 0 PSI IF NOT ZERO, NOTIFY SUPERVISOR			
	13	CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOLUTION IS CLEAR MAINTAIN AT 190-195 DEG. F FOR S 15 RECORD: HT 197 DEG.F & RECORDER 192 DEG.F RECORD: START 1:15 AM TOTAL MIN 15 CLARITY OK			
100 3	14	RUN #1 (99G) WATER INTO V-100			
	15	WHEN S-13 COMPLETE, PUMP V 317 THRU SPARKLER. MAINTAIN V-317 AT 190-195 DEG.F RECORD: START 1:30 AM TOTAL MIN 30 SAMPLE FROM HOSE. SHOW TO SUPV'R FOR OK			

EQUIP MENT		PAGE 02 OF 04 CG 36 CODE RT-695-D (O)	USE LBS	N-CODE	ACCT LBS
317 4	16	WHEN S 13 COMPLETE, CLOSE V-317 OUTLET &			
		STOP PUMP			
	17	RUN IN 7" (216G) WATER & HEAT TO 190-195 DEG F			
317 CONT'D 4	18	CIRCULATE THRU SPARKLER UNTIL SOLUTION IS CLEAR			
		MAINTAIN AT 190-195 DEG. F FOR S 19 &			
		RECORD: HT 194 DEG. F & RECORDER 195			
		RECORD: START 2:45 TOTAL MIN 15 CLARITY OK			
100 5	19	WHEN S 18 IS COMPLETE, PUMP V-317 THRU SPARKLER INTO V-100			
	20	RUN IN 5" (90G) WATER & HEAT TO 190-195 DEG. F			
	21	CIRCULATE 15 MIN THRU SPARKLER, PUMP V-317 THRU SPARKLER INTO V-100			
	22	WHEN MT, BLOW OUT SPARKLER INTO V-100			
	23	HEAT TO 165-170 DEG. F (TAKE 1 QT. SAMPLE) (WITH AGITATION ON) TEST FOR CLARITY OF SOLUTION. SHOW 1 QT. SAMPLE TO SHIFT SUPERVISOR FOR APPROVAL (EXAMPLE OF ACCEPTABLE CLARIFICATION OF N-740-C IS AVAILABLE IN OFFICE TO COMPARE WITH)			
	24	IF S 23 IS OK, CONTINUE WITH S 25. IF S 23 IS NOT ACCEPTABLE, RECLARIFY THRU SPARKLER			
	25	IF S 23 IS OK, REHEAT V-100 TO 165-170 DEG. F FOR S 26			
100 6	26	ADJ TO 16" (1590G)			
	27	HEAT V-100 TO 165-170 DEG. F			
	28	RUN IN V-324 HYDROCHLORIC ACID THRU DIRECT LINE AND RINSE IN M 2 , 31.01 %	443	28-D	443
	29	STIR 15 MIN AT 165-170 DEG. F			
	30	ADJ TO 50" (4970G) AT 34-38 DEG. F			
		RECORD: TEMP 29 DEG. F AND IF NECESSARY ADJ TO 34-38 DEG. F &	50X330	57-A	
		RECORD: TEMP 29 DEG. F		57-A	
107 7	31	RUN 45" (4320G) WATER INTO V-107			
	32	TURN ON AGITATOR AND STEAM AND DUMP IN MANGANESE SULPHATE	1400	336-B	1400
	33	DUMP IN BARIUM SULPHATE	250	65-A	250
	34	HEAT TO 150-160 DEG. F AND STIR			
	35	RECORD: PH 6.5 (5.0-5.5)			
	36	IF PH ABOVE 5.5, ADJ TO PH 5.5 OR LOWER SULFURIC ACID ASSUME 78%	6	27-D	
	37	RECORD: PH 5.4			
	38	NOTE: IF PH BELOW 5.0, DO NOT ADJ UPWARD			
	39	HOLD FOR S 58			

EQUIP MENT		PAGE 03 OF 04 CG 36 CODE RT-695-D (0)	USE LBS	N-CODE	ACCT LBS
322 8	40	RUN IN 47* (1610G) WATER INTO V-322			
	41	WEIGH AND POUR IN SODIUM HYDROXIDE M_____, 50.09 %	958	7-D	470
	42	DUMP IN FROM S 3 3-HYDROXY-2-NAPHTHOIC ACID		82-C	934
		LOT 7666	252		
		8076	504		
		8079	178		
	43	WEIGH 1-HYDROXY-2-NAPHTHOIC ACID ON POSTAL	20	180-C	20
		BALANCE AND ADD LOT 11220			
	44	HEAT TO 70-90 DEG. F			
	45	SIFT IN BLANCOL N IN ONE TO TWO MINUTES	27	567-B	27
	46	DUMP IN TETRASODIUM PYROPHOSPHATE & STIR 5 MIN OR LONGER TO DISSOLVE	8	479-D	8
302 9	47	WEIGH SODIUM NITRITE & POUR INTO V-302 FOR S 50 M 9 , 33.36 %	1094	725-A	365
322 10	48	ADJ V-322 TO 65* (2240G) AT 77-80 DEG. F & RECORD: TEMP_____DEG. F			
	49	SLURRY TRISULPHOIC SOAP D WITH 30 GALS WATER IN DRUM. POUR IN AND STIR 5 MIN.	160	39-A	160
100 11	50	RUN IN N-725-A FROM S 47 AFAP INTO V-100			
	51	STIR 30 MIN AT 36-38 DEG. F MAINTAINING +CR, +KI			
			_____	57-A	_____
	52	RECORD: TIME START 1140 , CR + KI +			
		TEMP 38 DEG. F			
		NOTE:			
		(1) IF CR-, KI- ADD 20# 'AS IS' INCREMENTS			
		HYDROCHLORIC ACID ASSUME 32%	_____	28-A	_____
		RECORD: CR_____(+), KI_____(+)			
		(2) IF CR+, KI- ADD 20# 'AS IS' INCREMENTS			
		SODIUM NITRITE ASSUME 33%	_____	725-A	_____
		RECORD: CR_____(+), KI_____(+)			
		TEMP_____DEG. F			
	53	COUPLE V-322 THRU UNDERSURFACE DISTRIBUTOR INTO V-100 IN 90-110 MIN (USE 9/16'ORIFICE)			
		RECORD: START 1210 TOTAL MIN 110			
	54	WHEN S 53 COMPLETE STIR 15 MIN			
	55	RECORD: DIAZO - (-); BASE + (+)			
		PH 8.4 (7.0-8.0) TEMP 65 DEG. F (60-65 F)			
		NOTE:			
		(1) IF PH IS 5.0-7.0, WEIGH AND DUMP IN 30# 'AS IS' N-7-D DILUTED TO 30 GAL AFAP SODIUM HYDROXIDE ASSUME 50%	30	7-D	15
		(2) (FOR PH ADJUSTMENTS USE ONLY DILUTED N-28-D AND N-7-D)			
	56	ADJ TO PH 9.0-9.5 (SEE ATTACHED PH ADJ AID)			
		HYDROCHLORIC ACID ASSUME 32%	_____	28-D	_____
		(1) IF PH IS 6.5-7.0, WEIGH 40# AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN & RINSE IN PT. STIR 5 MIN &			
		RECORD: PH 9.5 (9.0-9.5)			

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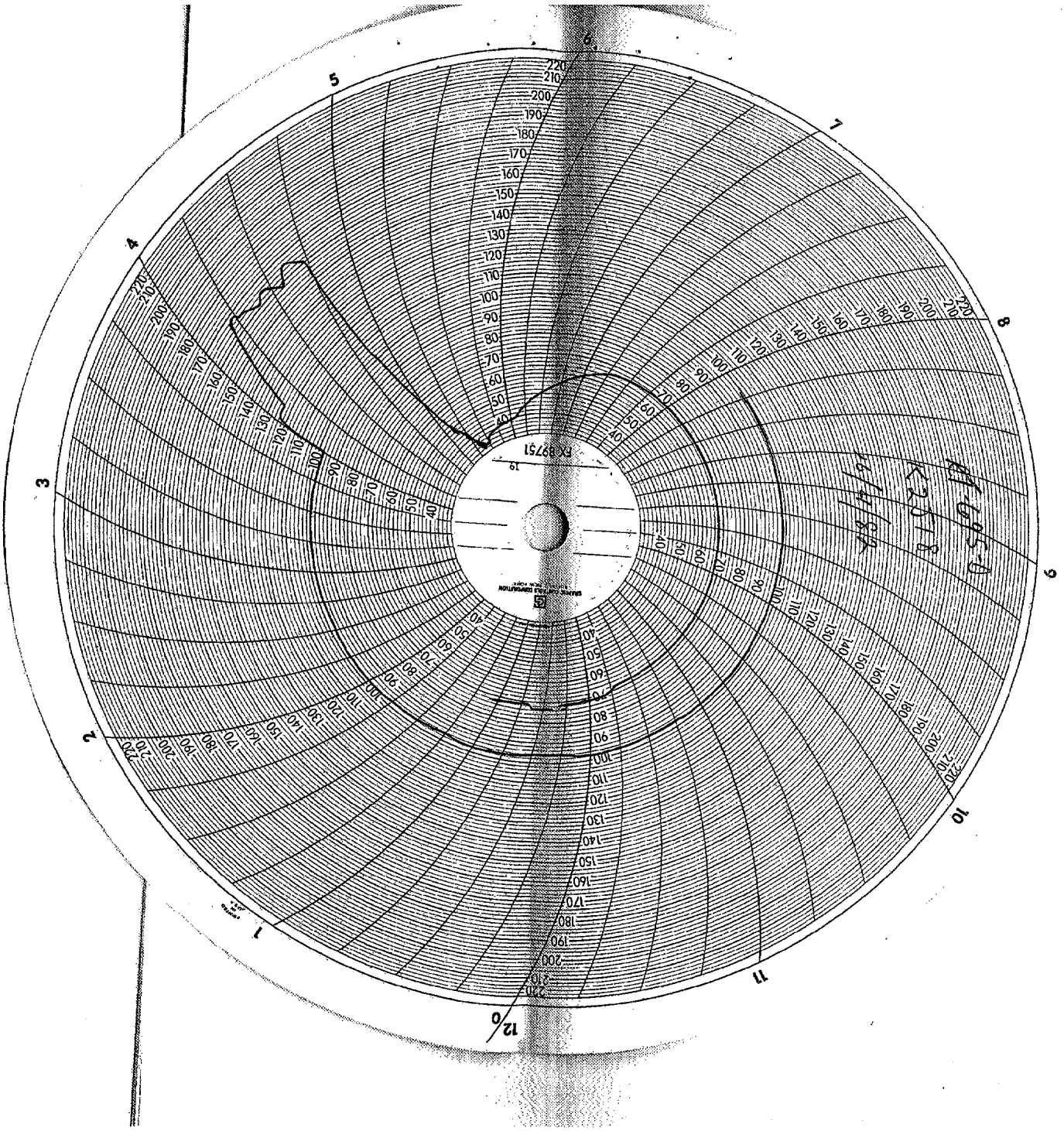
EQUIPMENT		PAGE 04 OF 04 CG 36 CODE RT-695-D (O)	USE LBS	N-CODE	ACCT LBS
100 11 CONT		2) IF PH IS 7.0-7.5, WEIGH 35# AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. & RINSE IN PT. STIR 5 MIN & RECORD: PH_____(9.0-9.5) 3) IF PH IS 7.5-8.0, WEIGH 30# AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. RINSE IN PT. STIR 5 MIN & RECORD: PH_____(9.0-9.5) 4) IF PH IS 8.0-8.5, WEIGH 10# AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. & RINSE IN PT. STIR 5 MIN & RECORD: PH_____(9.0-9.5) 5) IF PH IS 8.5-8.9, WEIGH 5# AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. & RINSE IN PT. STIR 5 MIN & RECORD: PH_____(9.0-9.5) 6) IF PH IS ABOVE 9.5, DO NOT ADJUST			
	57	RECORD: PH_____SODIUM HYDROXIDE ASSUME 50% NOTE: ADD N-28-D IN 5# "AS IS" INCREMENTS TO APPROACH PH 9.0-9.5 THEN USE LESS N-28-D HYDROXHLORIC ACID (CONCENTRATED N-28-D & N-7-D AND TOO LOW COUPLING TEMPERATURE CAUSES MASSTONE TO GO TOO LIGHT)	_____	7-D	_____
	58	SHUT OFF AGITATOR			
107 12	59	~~DURING~~ S 53 HEAT V-107 TO 210-212 DEG. F & SHUT OFF STEAM NOTE: IF NECESSARY REHEAT V-107 TO 210-212 DEG. F PRIOR TO START OF STRIKE			
	60	~~PUMP~~ V-100 INTO V-107 IN 70-75 MIN. ~~LET~~ V-107 TEMP DROP TO 200-205 DEG. F ~~DURING~~ STRIKE THEN MAINTAIN AT 200-205 DEG. F ~~FOR~~ BALANCE OF STRIKE WITH AGITATOR SHUT ~~OFF~~ IN V-100 RECORD: START 8 40a TOTAL MIN 170			
	61	~~WHEN~~ STRIKE COMPLETE, HEAT TO 210-212 DEG.F			
	62	~~STIR~~ 15 MIN AT 210-212 DEG. F			
	63	~~FLOOD~~ TO 180-190° (18240G) RECORD: PH 7.0 (6.5-7.2) AND STOP AGITATOR			

START	FINISH	OPERATOR
11:00 PM	7:00 AM	320-322
7:00 A	3:00 P	126
3 P.M.	11 PM	438
11:00 PM	11:55 PM	201

Rec'd Unt. 107 @ 12:00 Noon

DELAYED - 107 Pump Being used For Green Gold.



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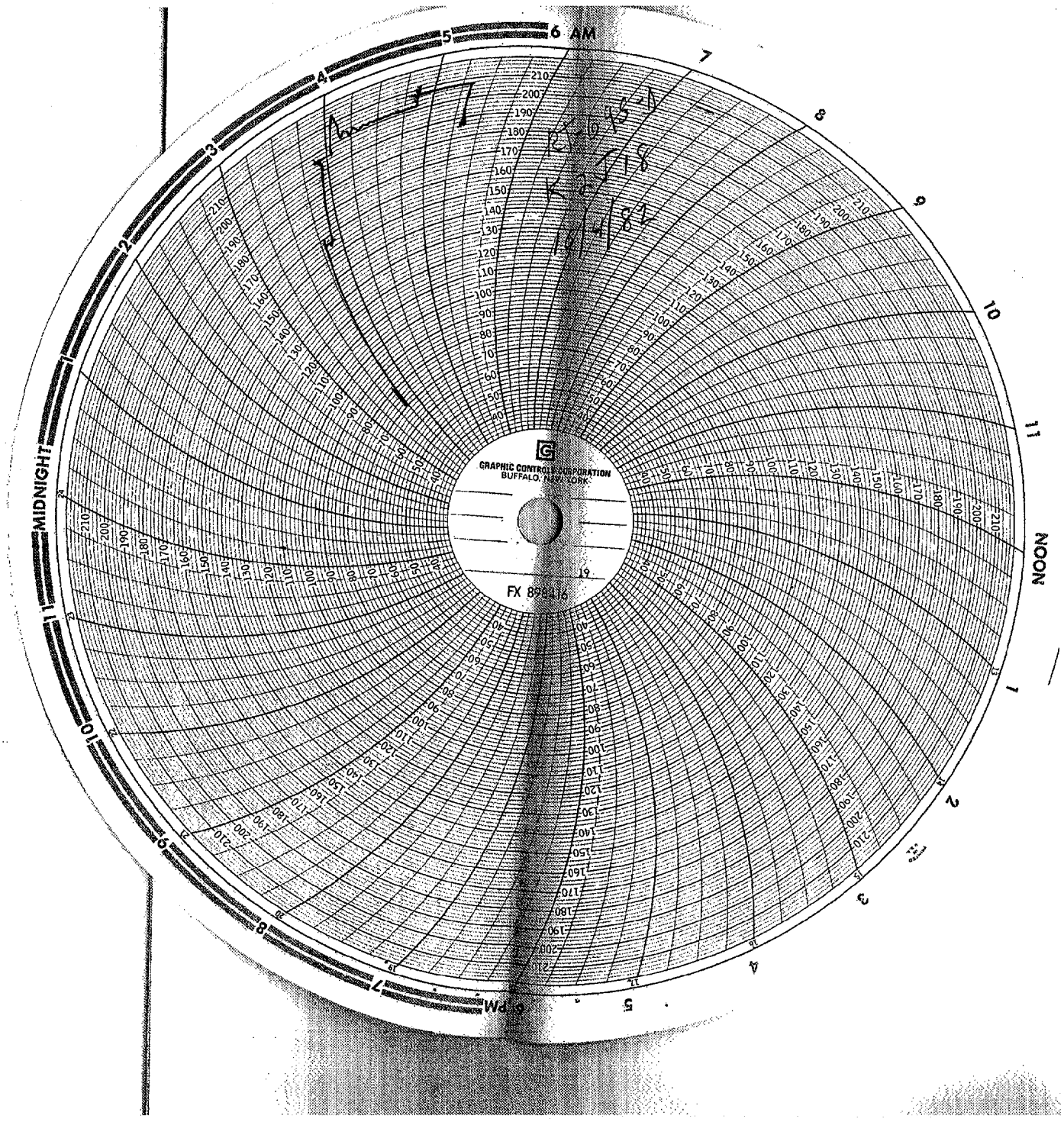

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N-760-C

LOT- #301

GROSS	TARE	NET
352	18	334
369	18	351
368	18	350

N-82-C LOT-7666

GROSS	TARE	NET
266	14	252 - LOT 7666
267	15	252 - LOT 8076
267	15	252 LOT - 8076

K-13649 REV 9-70

MEDICAL DEPARTMENT

TO _____ DATE _____

FROM _____

EMPLOYEE _____ P.R. No. _____

IS REQUESTED TO REPORT TO THE PLANT HOSPITAL ON _____ AT _____ A.M./P.M. FOR

- ☐ TREATMENT OF PLANT INJURY
- ☐ ANNUAL EXAMINATION
- ☐ SEPTUM EXAMINATION
- ☐ POST ABSENT EXAMINATION
- ☐ PERSONAL CASE
- ☐ _____

DISPOSITION

- ☐ PLACED UNDER TREATMENT
- ☐ PERSONAL: NON-PLANT CASE
- ☐ TREATMENT TERMINATED

RECOMMENDATION

- ☐ ABLE TO CONTINUE AT REGULAR WORK
- ☐ PLACE ON LIGHT WORK
- ☐ UNABLE TO WORK–SEND HOME

PLEASE HAVE EMPLOYEE RETURN TO PLANT HOSPITAL

ON _____ AT _____ A.M./P.M.

ON _____ AT _____ A.M./P.M.

ON _____ AT _____ A.M./P.M.

_____

SIGNED: PLANT HOSPITAL

DUP050101936