CG 03 CODE KY-787-D

OCT -9 80 37403

STANDARD HRS. 10.6 TIME 11P M

PROCESSES
( ) KY-787-S (S)
( ) ( )
( ) ( )
( ) ( )

APPROVED BY
FWP 9/18/80
(XOB-17: 3/4
N-32-D & 240
MIN STRIKE)

TYPED BY: FWP 9/18/80

CG	CODE	PQ	LOT	LBS
14	YC002B	93	13091	4000
14	YC002B	93	13086	200
14	YC002B	93		

TOTAL EST'D WGT 5845

NON-BLEEDING

EQUIP		NAME : "KROLOR" YELLOW MEDIUM	USE LBS	NCODE	ACCT LBS
203 & ~~205~~ V-263 1	1	RUN 60"(990 GAL) WATER INTO V-203 WITH AGITATOR ON HIGH SPEED & ADD CAUSTIC	40	7-D	20
	2	WEIGH SODIUM SILICATE INTO DRUM & POUR IN	420	32-D	420
	3	DUMP IN CHROME YELLOW & STIR 5 MIN	84X50	YC-2-B	4200
		RECORD: START 1.30 pm			
		FIN 3.45 pm			
	4	ADJUST TO 75" (1275 GAL)			
	5	WITH AGITATOR ON LOW SPEED PUMP V-203 THRU HOMOG AT 2400-2600 PSI INTO V-205			
	6	WHEN V-203 MT, WASH COLOR THRU HOMOG WITH MIN HOT WATER AT 2400-2600 PSI INTO V-~~205~~ V-263			
V-263	7	RECORD: V-~~205~~ VOL. 57 " & ADJUST TO 60"(2100 GAL)			
	8	INSPECT HOMOG STRAINER & CLEAN IF NECESSARY			
208 & SV 2	9	RUN 4 "(200 GAL) WATER INTO V-246 START AGITATOR & INSTALL TEMP CHART			
	10	PUMP V-~~205~~ THRU HOMOG AT 4800-5200 PSI INTO SV. RECORD: TIME START 2:15P TOTAL MINUTES 117			
		NOTE: IF HOMOG PRESSURE FALLS BELOW 4800 PSI, 3-WAY VALVE WILL RECIRCULATE SLURRY TO V-205			
V-263	11	WHEN V-~~205~~ MT, RUN IN 5"(240 GAL) WATER & PUMP THRU HOMOG AT 4800-5200 PSI INTO SV			
349 & 384 3	12	WHILE HOMOG, RUN 6" (284 GAL) WATER INTO V-349			
	13	RUN 1000# WATER INTO V-384 & HEAT TO 110-120*F			
	14	WEIGH INTO V-384 & PUMP TO V-349	2415	32-D	2415
	15	RUN 1000# WATER INTO V-384 & PUMP TO V-349			
	16	ADJ V-349 TO 17" (805 GAL) & STIR 15 MIN			
	17	RECORD DENSITY: 1.103 G/ML (1.103-1.105)			
SV 4	18	WHEN S-11 HOMOG COMPLETE, ADJ SV TO 24"(2420 GAL)			
	19	RECORD: PH 10.5 & ADJ TO 11.1-11.3 WITH CAUSTIC AT 5% (10 PARTS WATER TO 1 PART N-7-D) ASSUME 50%	26	7-D	13
		SIPHON N-7-D INTO SV & RECORD: PH 11.1			
	20	HEAT TO 190-194*F IN 55-65 MIN & REC:HT ____*F & RECORD: ____*F			
		NOTE: STRIKE MUST BE STARTED IMMEDIATELY ON ON COMPLETION OF HEATING			
343 & ~~[illegible]~~ 5	21	WHILE HEATING SV, RUN 39" (1070 GAL) WATER INTO V-343 & METER IN SULFURIC ACID FROM V-386 MK 62, 8.951#/GAL, 40.3 GAL		27-D	361
	22	STIR 15 MIN OR LONGER			
	23	RECORD: DENSITY ____ G/ML (1.023-1.025)			

N34988

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EQUIP		PAGE 2 CG 03 KY-787-D EST WGT 5845# V-246	USE LBS	N-CODE	USE LBS
	24	WHEN S 20 HEATING COMPLETE, RECORD: PH 9.5			
	25	SET V-343 ACID PUMP AT 49 SETTING (285 MIN)			
	26	SET V-349 SILICATE PUMP AT 38 SETTING (240 MIN)			
	27	IMMEDIATELY METER IN V-343 & V-349. MAINTAIN SV			
SV		AT 190-194*F DURING STRIKE			
	28	RECORD: START FINISH MINUTES			
		V-343 9.10 2:00 Am 290			
		V-349 9.5 Pm 1:10 Am 240			
		V-343 V-349 SV NORMAL			
		TIME INCHES INCHES PH PH			
		AT 20 MIN 9.30 Pm (37) (16) 9.4 (9.3-10.0)			
		40 MIN 9.50 Pm (34) (14) 9.4 (9.3-10.0)			
		1 HR 10:10 Pm (31) (13) 9.4 (9.3-10.0)			
		2 HR 11.10 Pm (23) (9) 9.4 (9.3-10.0)			
		3 HR 12.10 Am (15) (4) 9.3 (9.3-10.0)			
		4 HR 1.10 Am 6) (0) 9.3 (9.3-10.0)			
		FINISH 1.55 Am 0) 8.2 (7.5-8.5)			
		NOTE: IF PH DROPS BELOW 9.3 IN FIRST HOUR, STOP PUMPS & SEE SUPV. IF FINAL PH IS ABOVE 8.5, ADJ TO 7.5-8.5 ASSUME 77%		27-D	
330 7	29	RUN 35" (600 GAL) WATER INTO V-330 & HEAT TO 160-170*F			
	30	ADD DRESINATE "X" IN 12-13 MIN	600	530-A	600
	31	STIR 5 MIN & RECORD: PH 10.3 (9.5-10.5)			
	32	STIR 20 MIN OR LONGER FOR S-45			
385 8	33	RUN 40"(308 GAL) WATER INTO V-385 & HEAT TO 135-140*F			
	34	DUMP IN ALUM & STIR TO DISSOLVE FOR S-41	280	15-A	280
302 9	35	ADD 42" (513 GAL) WATER TO V-302			
	36	ADD & STIR 2 MIN FOR S-43 ASSUME 50%	320	7-D	160
SV 10	37	WHEN V-349 MT, RINSE IN WITH MINIMUM WATER & SET PUMP AT ZERO SETTING			
	38	WHEN V-343 MT, RINSE IN WITH MINIMUM WATER & TURN OFF PUMP MOTOR			
	39	TURN OFF STEAM			
	40	SIFT IN BLANC FIXE	200	128-A	200
	41	RUN IN V-385 FROM S 34 & STIR 5 MIN			
	42	RECORD: PH 3.9 (3.7-4.2)			
	43	RUN IN N-7-D FROM S 36 IN 10-12 MIN & STIR 5 MIN			
	44	RECORD: PH 9.5 (9.0-9.5) & IF NECESSARY ADJ TO PH 9.0-9.5. RECORD: PH ASSUME 77%		27-D	
		DILUTE N-7-D 10 TO 1 WITH WATER ASSUME 50%		7-D	
		SIPHON N-7-D INTO SV			
	45	RUN IN V-330 THRU 20 MESH SCREEN & STIR 20 MIN			
330 11	46	RUN 11" (216 GAL) WATER INTO V-330			
	47	DUMP IN CALCIUM CHLORIDE & STIR 5 MIN FOR S-48	230	20-A	230
SV 12	48	RUN V-330 INTO SV IN 15-20 MIN			
	49	STIR 15 MIN & RECORD: PH 9.5 (9.0-10.0)			
	50	DO NOT STOP AGITATOR			
		START FINISH OPERATOR			
		7 A.M 3 Pm 54-301			
		3 Pm 11 Pm 144			
		11-P 5:00 A 201			

NOTE SHOT DOWN 8:45P HOSE BUSTED START AT 9:30 PM

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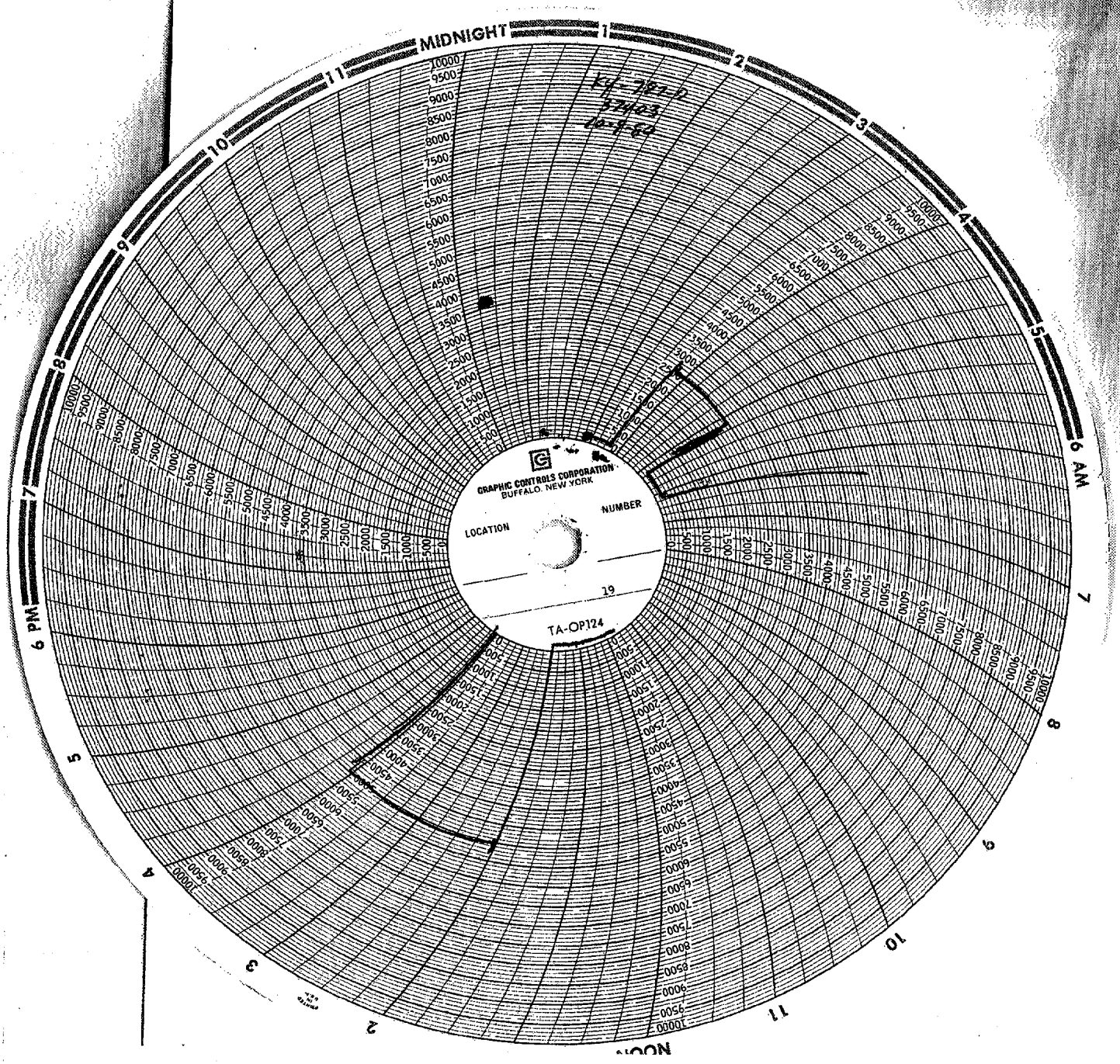

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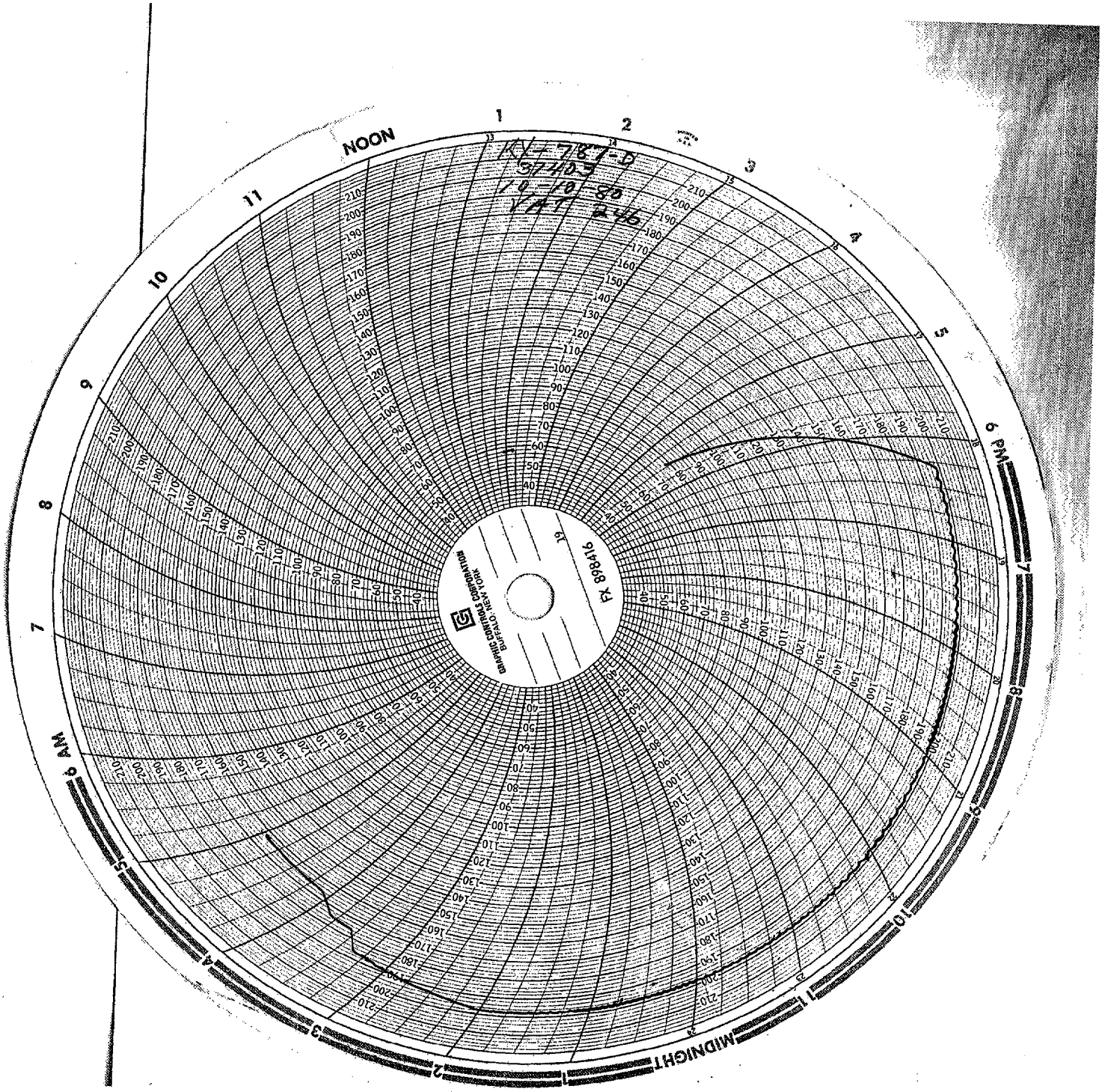

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