

CG CODE RC-14-A PRG
 →
 EST WGT 2997 LBS
 STD HRS _____ TIME _____ M

PROCESSES APPROVED BY
 () RC-14-A () JJG
 () ()
 () ()
 () ()
 Re- TYPED BY
 MNM

NON-BLEEDING

EQUIPMENT	NAME:	USE LBS	N CODE	ACCT. LBS
	"WATCHUNG" RED B			
	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 / P.R. Supv Start Making _____ M / Making Supv			
PREP 1	1 If necessary, clean, dress Sparkler & pre-coat with 15# (Filter Aid) 2 Obtain for S 11 (RED 38 Acid Dn PONT) 3 Obtain for S 35 (BOJ CYANAMID) 4 Install DV & CV Recorder & Controller charts		777-A 740-D 253-C	
921 2	5 Run 10" (100 G) water into V-921 & heat to 80-100°F 6 Add in 2-3 min (DREINATE X) 7 Stir 5 min & Record: pH 9.7 (9.5-10.5) 8 Stir 20 min or longer to dissolve for S 45	125	530-A	125
922 3	9 Run 38" (222 G) water into V-922 10 Weigh in V-926 & run in M 2 50.01 % (CAUSTIC SODA) 11 Turn on agitator & steam & dump in from S 2 100% Lot # 100% 129 960 = 98.5 128 147 = 98.24	437 975 150	7-D 740-C	216 1107
	12 Dump in (ACTIVATED CARBON) 13 Dump in 14 Heat to 212-214°F Record: HT 212 °F; Rec 212 °F Watch Foam 15 Record: BY + (+) if necessary adj to +BY Assume 50% 16 Stir 30 min at 212-214°F then shut off steam Watch Foam 17 Circulate 15 min or longer thru Sparkler until sol'n is clear Maintain at 190-195°F for S 20 Record: Start 9:20 A Total Min 55 Clarity O.K HT 192 °F & Rec 195 °F	25 10 30	113-A 777-A 7-D	25 10 30
MISC 4	18 Measure 98% units in V-928 for S 30 M1- .31.61 % (Hydrochloric Acid) 1086		28-D	333
CV 5	19 Run 6" (669g) water into V-903 20 When S 17 complete, pump in V-922 thru Sparkler. Maintain V-922 at 190-195°F. Record: Start 10:15 A Total Min 15			
904 6	21 Run 90" (2600g) water into V-904 22 Dump in & stir to smooth slurry. (LIME HYDRATED) 23 Add and stir for S 39 Assume 50%	525 52	542-A 7-D	525 26

V.

RC-14-A

JAN 15 1981
C.V. (901, 903)

MAKING INSTRUCTIONS: BATCH UNIT

D.V. 902, 904

CG-32 CODE RT-428-D PKG.

→ JAN-26-81 38740
EST. WGT. 3066 LBS.

STD. HRS. TIME 7P M

PROCESSES		APPROVED BY	
() RT-428-D	(V)	JJG	07-10-78
(X) RC-14-A	()	DCG	08-10-78
() RT-139-P	(O)	MW	08-11-78
()	()		
TYPED BY			
emw081878			

NON-BLEEDING

EQUIPMENT	NAME: WATCHUNG® RED B	USE LBS.	N CODE	ACCT. LBS.
	Note: Do not start if press will not be available within 3 hours after making. Making Supv to review with P.R. Supv & Record: Press will be ready M / P.R. Supv Start Making M / Making Supv			
Prep 1	1 Record: batches since Sparkler last cleaned. After 5 batches, clean, dress Sparkler & pre-coat with 15#		777-A	
	2 Obtain for S 11		740-C	
	3 Obtain for S 40		82-C	
	4 Install DV & CV Recorder & Controller Charts			
921/931 2	5 Run 10" (100 G) water into V- & heat to 80-100°F 6 Add in 2-3 min 7 Stir 5 min & Record: pH (9.5-10.5) 8 Stir 20 min or longer to dissolve for S 43	125	530-A	125
922 3	9 Run 35" (722 G) water into V-922 10 Weigh in V-926 & run in M , % 11 Turn on agitator & steam & dump in from S 2 Lot #100% %		7-D 740-C	216 1107
	12 Dump in 13 Dump in 14 Heat to 212-214°F Watch Foam 15 Record: BY (+) If necessary adj to +BY Assume 50% 16 Stir 30 min at 212-214°F, then shut off steam Watch Foam 17 Circulate 15 min or longer thru Sparkler until sol'n is clear. Maintain at 190-195°F for S 21 Record: Start Total Min Clarity HT OF & Rec OF	25 10	113-B 777-A	25 10
Misc 4	18 Measure units in V-928 for S 33 M , % 19 Weigh in PT for S 36 M , %		28-D 725-A	533 352
904/CV 5	20 Run 1" (G) water into V- Note: Use CV if MTY. If CV is not available use V-904 21 When S 17 complete, pump in V-922 thru Sparkler. Maintain V-922 at 190-195°F. Record: Start Total Min			

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N 31805.01

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EQUIPMENT	PAGE	CG	32 CODE	RL-14-A	EST. WGT.	2471	LBS.	CODE	ACCY
MISC	7	23	Weigh in PT for S 32	ML	32.33	%	1029	725-A	352
922	8	24	When S 20 complete, stop pump & insert V-922 foot plug	(SODIUM NITRATE)					
		25	Run in 15" (309 G) water & heat to 180-190°F	See attached page for					525026
CV	9	26	Pump V-922 thru Sparkler into CV						
		27	When MT blow out Sparkler into CV						
		28	Pour in	(FGEPL CO-630)			60	979-A	60
		29	Heat to 165-170°F						
		30	Run in N-28-D from S 18 in 12-15 min						
		31	Adj to 44' (4080 g) at 32-38°F using Mano	(JLE)			50 x 330	57-A	1650
			Record: Mano NONE "Stick 45"						
		32	Run in N-725-D from S 23 AFAP (5-10 Min)						
		33	Stir 20 min at 32-38°F maintaining +CR, +KI						
			Record: CR + (+), KI + (+)						
			Note: (1) If CR-KI- add 20# "As is" increments Assume 32%					28-D	
			Record: CR + (+), KI + (+)						
			(2) If CR+KI- add 20# "As is" increments Assume 33%					725-A	
			Record: CR + (+), KI + (+)						
		34	Dump in	(BLANK - FIVE E)			450	65-A	450
		35	Dump in from S 3 & stir 10 min	Lot	504		675	253-C	1010
					505		225		
					502		102		
					500		8		
		36	Add for maintaining 32-38°F thru S 40 & record vol	80	"	30 x 330		57-A	8251
931	10	37	Run 37" (363 g) water into V-931 & adj to 90-110°F						
		38	Add & stir 20 min or longer to dissolve for S 44	(STANTURK NITRATE)			681	246-B	681
904	11	39	Pour into V-904	(AQUA AMMONIA)			250	122-D	250
CV	12	40	Immediately couple V-904 thru undersuface distributor into CV AFAP (45-60 min). Maintain CV at 32-38°F	(OPEN VALVE ONE FULL TURN FOR COUPLIN					
			Record: Start 320P Total Min 60						
		41	Stir 5 min & record: Base + (+), Diazo - (-) TEMP 32°F						
			pH 9.8 (10.0-10.5)						
		42	If pH is below 10.0 adj to pH 10.0-10.5 & Record: pH 10.4						
			Assume 50%				30	7-D	15
		43	Stir 3 hours & RECORD: TEMP 33°F					28-D	
		44	Steam eject V-931 into CV from S 38						
		45	Record: pH 9.8 (10.0-10.5) & if pH is below 10.0 Assume 50%				24	7-D	12
			adj to pH 10.0-10.5 & Record: pH 10.3 Assume 32%					28-D	
		46	Steam eject V-921 from S 8 into CV						
		47	Weigh in drum & pour in	(OETANOL)			25	588-A	25
		48	Heat to 193-195°F in 70-75 min & Record: HT 193°F						
			REC 193°F						
		49	Stir 15 min at 193-195°F	Record: Start 935P					
		50	Flood to 180-190" (± 18,000 g)						
		51	Record: pH 9.6 (9.5-10.0) if below 9.5, adj to pH 9.5-10.0						
			Record: pH	Assume 50%				7-D	
			If pH above 10.0 DO NOT ADJ.						
		52	Stop agitator						
			When instructed by processing halfway thru pressing Dump in & stir 5 min. Stop agitator & resume pressing				10	588-A	10
			START FIN OPTR						
			7:30 AM 3:00 PM 381						
			800 P 1000 P 209						

K 13830, EV

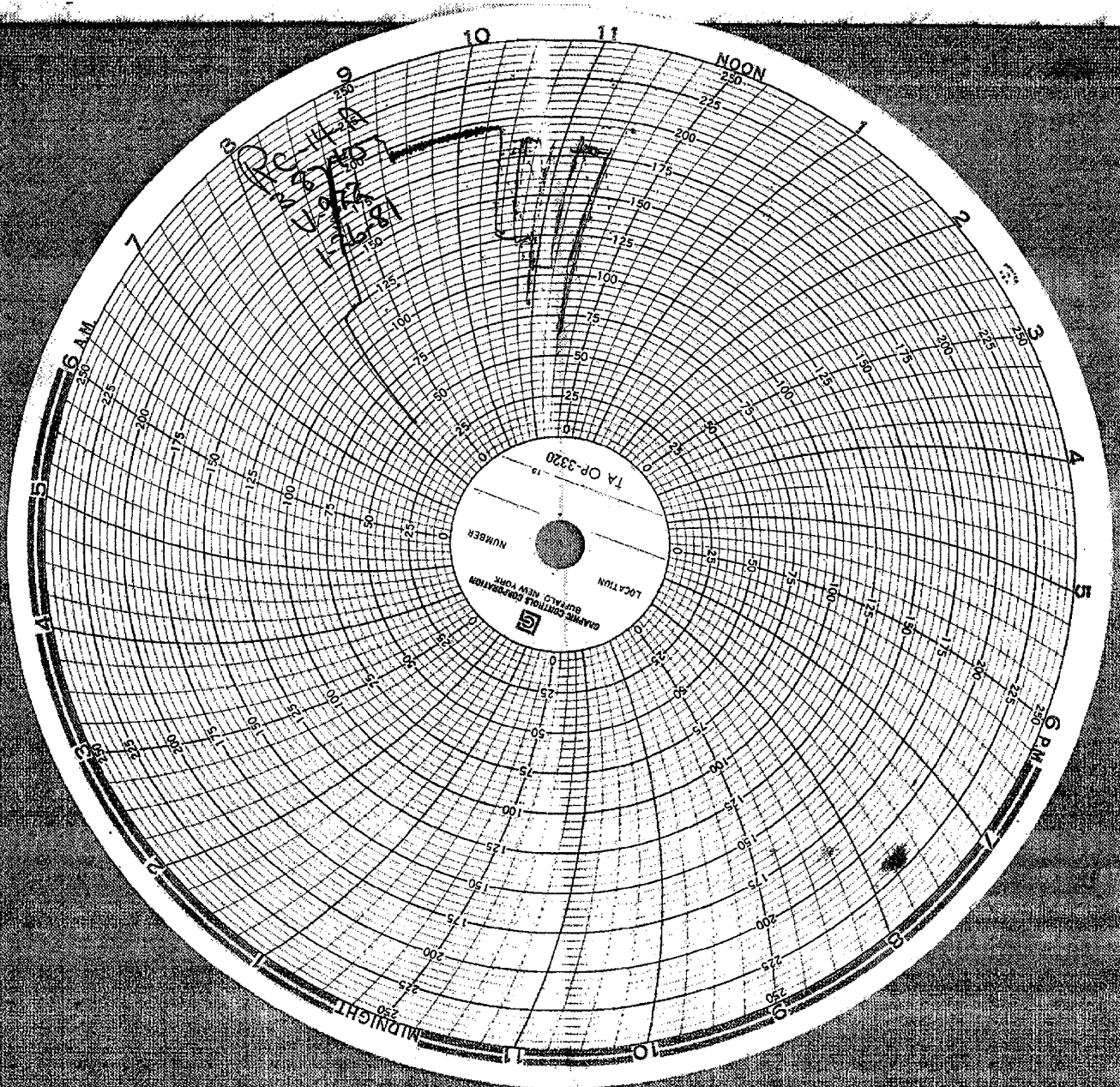
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EQUIPMENT	PAGE	CG	CODE	EST. WGT.	LBS.	USE LBS.	N CODE	ACCT. LBS.
V922	30 A							
RUN IN 8 ⁸ " (206 G) WATER INTO V922 & HEAT TO 190-195°F. CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOLUTION IS CLEAR. MAINTAIN 190-195°F DURING S- 25 ²⁵ .								
V904	30 B							
PUMP V922 THRU SPARKLER INTO V-904								
V922	30							
RUN 6" (165 GAL) WATER INTO V922 & HEAT TO 190-195°F CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOLUTION IS CLEAR. MAINTAIN 190-195°F THRU S- 25 ²⁶								
V904	30							
PUMP V-922 THRU SPARKLER INTO V-904								
CONTINUE WITH S- 25 ²⁷								

330
25
1650
660
8250

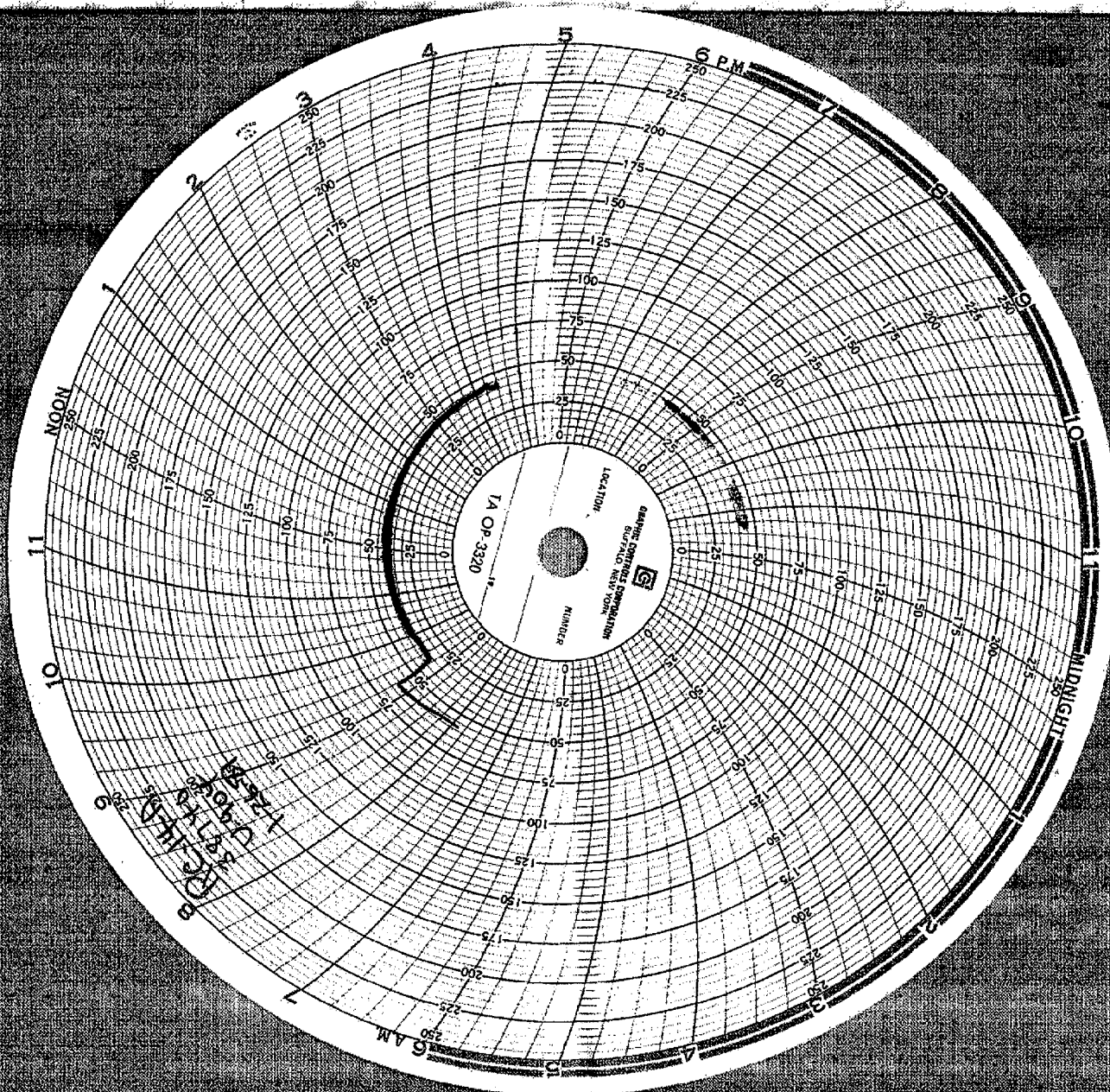
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