

C.V. 260

MAKING INSTRUCTIONS: BATCH UNIT

D.V. 315, 317, 322, 323

CG 40 CODE RT-539-D PKG.

FEB-7 34291

EST. WGT. 486 LBS.

STD. HRS. TIME 3 P M

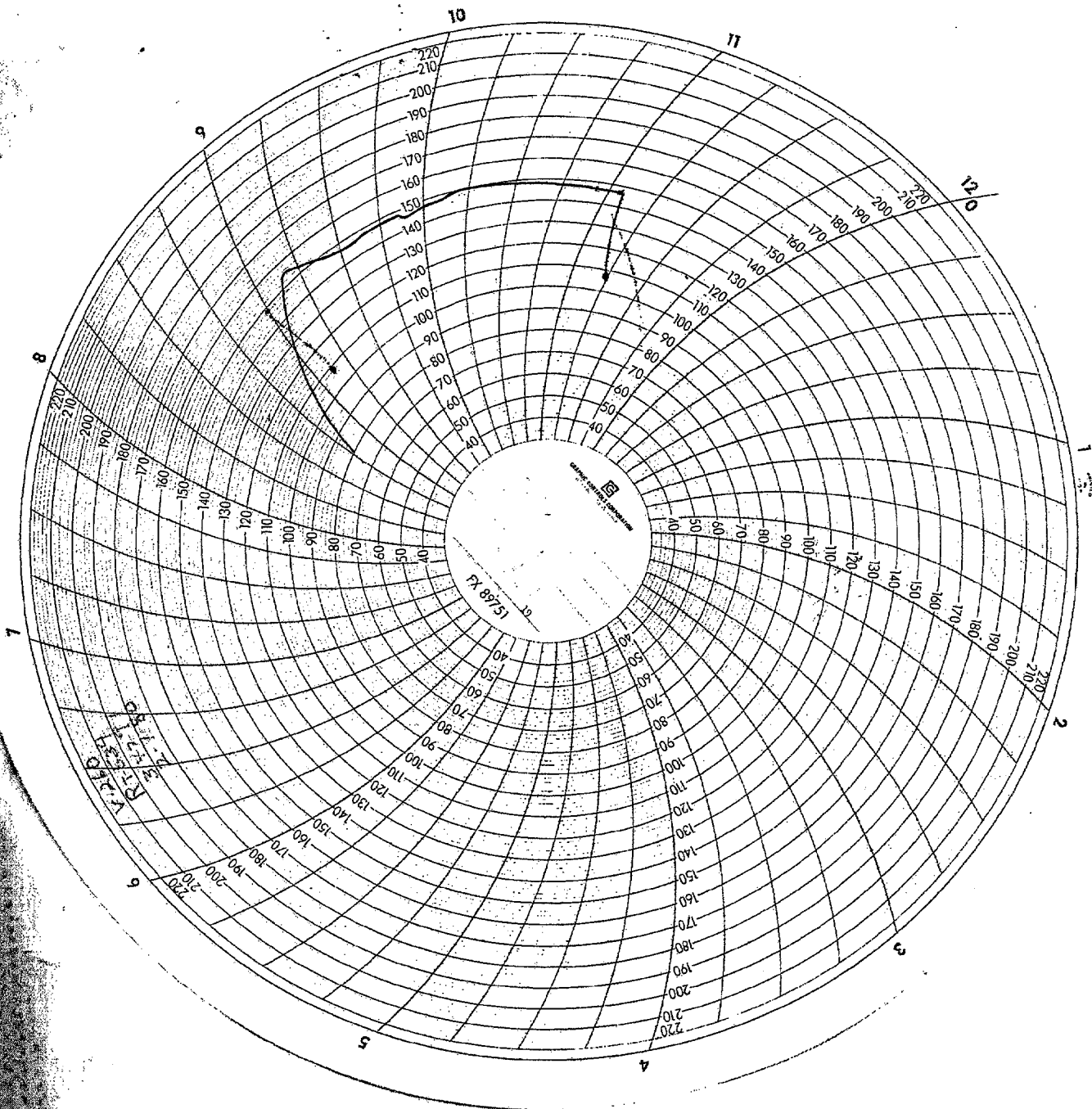
PROCESSES		APPROVED BY
() RT-539-D	(N)	EWK 10-25-77
(U) RC-15-A	()	DCG 10-25-77
()	()	MTW 10-31-77
()	()	
TYPED BY		
Jlc 11-14-77		

EAST

NON-BLEEDING

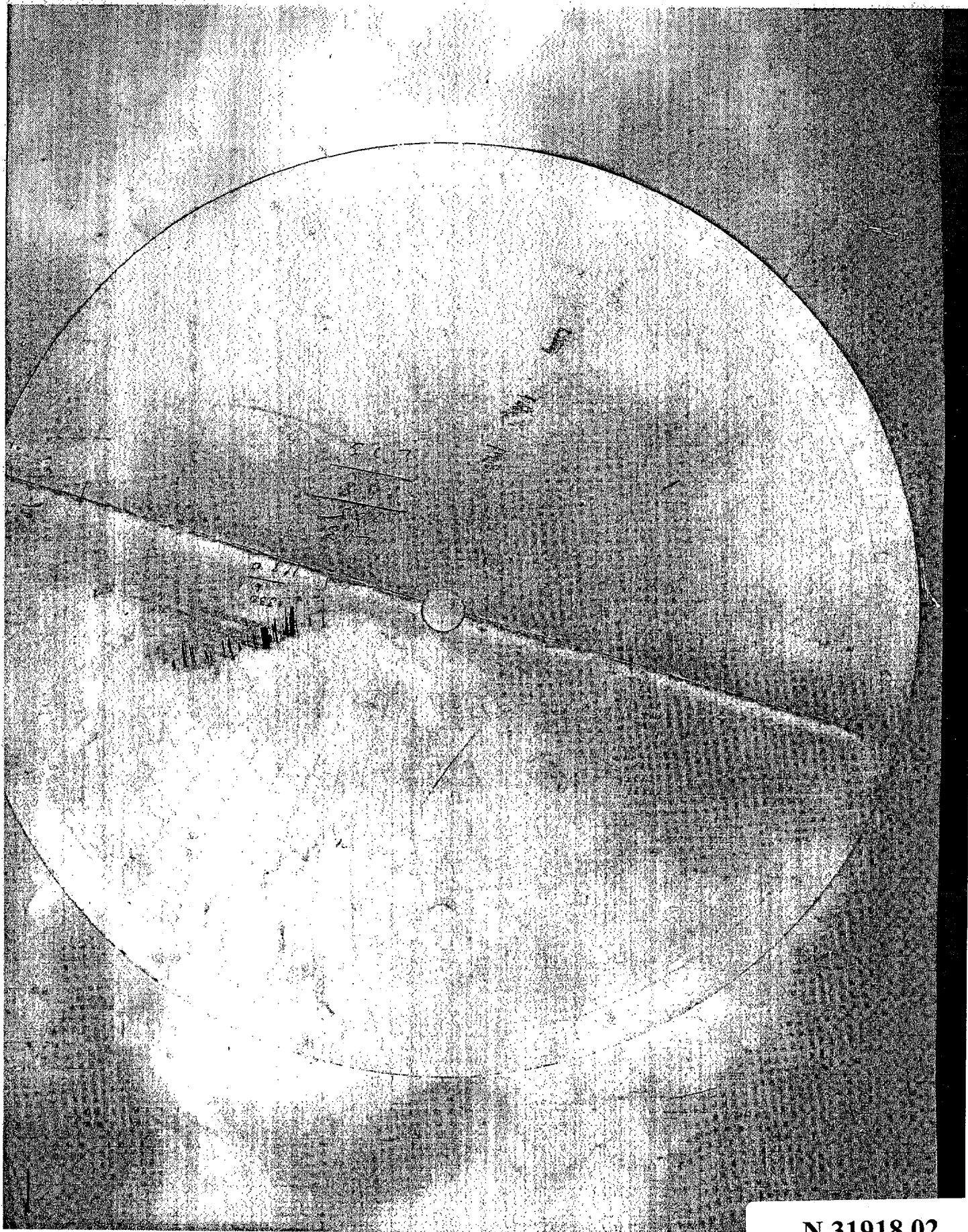
INSTRUMENT	NAME: NAPHTHANIL® RED DARK	USE LBS.	N CODE	ACCT. LBS.
Misc 1	1 Obtain for S 6		24-C	
	2 Obtain for S 31		151-C	
	3 Clean, dress, close 24" clarif press - 15 frames			
DV 2	4 Run 12" (398 G) water into V- 3.7			60
	5 Run in from V-324 M 2	194	28-D	35
	6 Dump in from S 1 LOT #100%	510	24-C	161
		161		75.5
	7 Add & stir 15 min to wet LOT 70.0 %	2	196-C	2
	8 Adj to 21" (710 G) at 28-32°F	6 x 330	57-A	198
	9 Siphon in in 8-12 min M 3	306	725-A	69
	10 Stir 5 min & 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 10# "as is" increments Assume 33%		725-A	
	Record: CR - (+); KI - (+)			
	11 Stir 30 min at 28-32°F maintaining +CR, +KI for S 17			
	Record: Time Start 5:00 PM			
Misc 3	12 Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
or 314	13 Run 5" (60 G) water into V- 3.4			
4	14 Pour in Assume 50%	78	7-D	39
	15 Pour in & stir 3 min Assume 78%	77	30-D	58
	16 Record: pH (6.5-7.5) & if necessary Assume 75%		30-D	
	adj to pH 6.5-7.5 Record: pH Assume 50%		7-D	
DV 5	17 When S 11 stir complete, test DV & Record:			
	CR - (+), KI - (+), Temp: 3 () 28-32°F		57-A	
	Note: (1) If CR-, KI-, add 20# "as is" increments Assume 32%		28-D	
	Record: CR - (+), KI - (+)			
	(2) If CR+, KI-, add 10# "as is" increments Assume 33%		725-A	
	Record: CR - (+), KI - (+)			
	18 Weigh in rubber bucket & wash into DV	5	395-D	5
	19 Stir 5 min & Record: KI - (-)			
	20 If necessary, add to -KI & Record: KI - (-)		395-D	
	21 Dump in	25	113-A	25
	22 Dump in & stir 15 min	10	777-A	10
	23 Pump DV thru clarif press into V-323 maintaining temp at 28-32°F Record: Time Start 7:20 PM Total min 35	2 x 330	57-A	

EQUIPMENT	PAGE	CG	40	CODE	RT-539-D (N)	EST. WGT.	486	LBS.	USE	N	ACCT
									LBS.	CODE	LBS.
DV	24				When S 23 clarif complete, wash DV (S 4) lines, pump & press						
5					for 20 min or to a -GR test on a sample of total press						
ent'd					effluent, whichever comes first, collect washings in DV (S23)				3x330	574A	970
	25				Stir 5 min & record: Temp 30 (28-32°F) & if necessary,						
					adj to 28-32°F Record: 30 °F						
	26				Record: Vol " & hold for S 42						
260	27				Install V-260 temp chart & set agitator at 16 rpm						
6	28				Run in 20* (1988 G) water						
330	29				Run 23* (450 G) water into V-330						
7	30				Slurry in 20 G water & pour in				13	30-A	13
	31				Dump in from S 2 & stir 10 min to wet	LOT				151-C	308
						3144			200		
						3252			108		
	32				Pour in	Assume 50%			156	7-D	78
	33				Heat to 155-162°F AFAP Record: Min 10						
	34				Stir 5 min to dissolve						
					Record: Solution Color (Dark Brown)						
					Clarity (Must be Clear)						
					Note: If solution not dark brown & clear, heat to 185-192°F						
					AFAP & Record: Color (Dark Brown)						
					Clarity (Must be Clear)						
260	35				Immediately run V-330 into CV, no agitation in CV						87
8	36				Immediately start agitator & siphon in in 15-20 min M ₂ 72.64%				120	30-D	88
	37				Stir 5 min & Record: pH 11.3 (10.5-11.0)						
	38				If necessary, adj to pH 10.5-11.0 Assume 50%				10	7-D	5
					& Record: pH 11.0 Assume 75%					30-D	
	39				Run in V-302 or V-314						
	40				Dump in					65-A	
	41				Heat to 148-152°F in 15-20 min & record: HT F & Rec F						
	42				When S 26 complete, couple DV undersurface in 65-70 min						
					Maintain CV at 148-152°F Record: Start 9:50 Total Min						
	43				Record: Diazo (- or +), Base St+ must be +						
					pH 4.2 (4.5-5.0)						
	44				Stir 15 min						
					Record: Start 11:10 AM						
	45				When S 44 stir complete, test CV &						
					Record: Diazo must be - Base must be +						
					pH (4.5-5.0)						
	46				If S 45 diazo is + and base is also +, sift in 20# N-3-A				20	3-A	20
					& stir to - diazo. WATCH FOAM						
					Record: Diazo must be - Base must be +						
					pH 4.5 (4.8-5.2) Total min since S 43						
					Flood to 82" (8126 G) & stop agitator						
					START FIN OPTR						
					3:00 PM 11:00 PM 237						
					11:00 AM 12:00 301						



N 31918.01

DUP050292788



N 31918.02

DUP050292789