MAKING INSTRUCTIONS: BATCH UNIT

C.V. 260 PUNCHED & CHECKED D.V. 315, 317, 322, 323

10 CODE RT-539-D PKG.

JUL - 9 1980 36386 JUL - 9 1980

WGT. 486 LBS.

HRS. TIME 7:AM

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

QC

WEST-PRESS

NON-BLEEDING

	NAME: NAPHTHANIL® RED DARK	USE LBS.	N CODE	ACCT. LBS.
1	Obtain for S 6		24-C	
2	Obtain for S 31		151-C	
3	Clean, dress, close 24" clarif press - 15 frames			
4	Run 12" (398 G) water into V-317			60
5	Run in from V-324 M 6 [illegible] %	[illegible]	28-D	[illegible]
6	Dump in from S 1 LOT 1324 100% 162 26.6	211	24-C	162
7	Add & stir 15 min to wet LOT 259 @ 61.4	2	896-C	2
8	Adj to 21" (710 G) at 28-32°F	8 x 330	57-A	2640
9	Siphon in in 8-12 min M 8 [illegible] %	[illegible]	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 2:35 PM			
12	Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
13	Run 5" (60 G) water into V-319			
14	Pour in Assume 50%	78	7-D	39
15	Pour in & stir 3 min Assume 78%	77	30-D	58
16	Record: pH 6.9 (6.5-7.5) & if necessary Assume 76%		30-D	
	adj to pH 6.5-7.5 Record: pH Assume 50%		7-D	
17	When S 11 stir complete, test DV & Record:			
	CR (+), KI (+), Temp: 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 38%		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, adj 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	8 x 330	57-A	2640
	28-32°F Record: Time Start 12:45 Total min 192			
			7-D	100
	Bail out V106		152-C	25

NT	PAGE 2 CG 40 CODE RT-539-D (N) EST. WGT. 486 LBS.	USE LBS.	N CODE	ACCT LBS.
24	When S 23 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -GR test on a sample of total press effluent, whichever comes first, collect washings in DV (S23)		87-A	
25	Stir 5 min & record: temp 30 (28-32°F) & if necessary, adj to 28-32°F Record: °F			
26	Record: Vol 43 " & hold for S 42			
27	Install V-260 temp chart & set agitator at 16 rpm			
28	Run in 20" (1988 G) water			
29	Run 23" (450 G) water into V-330			
30	Slurry in 20 G water & pour in	13	39-A	13
31	Dump in from S 2 & stir 10 min to wet LOT		151-C	308
	4078	280		
	3752	86		
32	Pour in Assume 50%	156	7-D	78
33	Heat to 155-162°F AFAP Record: Min 9			
34	Stir 5 min to dissolve			
	Record: Solution Color OK (Dark Brown)			
	Clarity OK (Must be Clear)			
	Note: If solution not dark brown & clear, heat to 185-192°F			
	AFAP & Record: Color (Dark Brown)			
	Clarity (Must be Clear)			
35	Immediately run V-330 into CV, no agitation in CV			
36	Immediately start agitator & siphon in in 15-20 min M 8 20	111	30-D	87
37	Stir 5 min & Record: pH 11.5 (~~11.0-12.0~~) 10.5-11.0			
38	If necessary, adj to pH ~~11.0-12.0~~ 10.5-11.0 Assume 50%		7-D	
	& Record: pH 10.9 Assume 75%		30-D	
39	Run in V-302 or V-314			
40	Dump in		~~[illegible]~~	
41	Heat to 148-152°F in 15-20 min & record: HT F & Rec 152 F			
42	When S 26 complete, couple DV undersurface in 65-70 min			
	Maintain CV at 148-152°F Record: Start 2.10P Total Min 70			
43	Record: Diazo VVS+ (- or +), Base + must be +			
	pH 4.5 (4.5-5.0)			
44	Stir 15 min Record: Start 3:20 PM			
45	When S 44 stir complete, test CV &			
*	Record: Diazo — must be -, Base VVVS+ must be +			
	pH 4.5 (4.6-5.0)			
46	If S 45 diazo is + and base is also +, sift in 20# N-3-A		3-A	
	& stir to + diazo, WATCH FOAM			
	Record: Diazo must be -, Base must be +			
	pH (4.8-5.2) Total min since S 43			
47	Flood to 82" (8126 G) & stop agitator			

START	FIN	OPTR
7:00 Am	3:00 Pm	144
3:00 PM	4:00 PM	381

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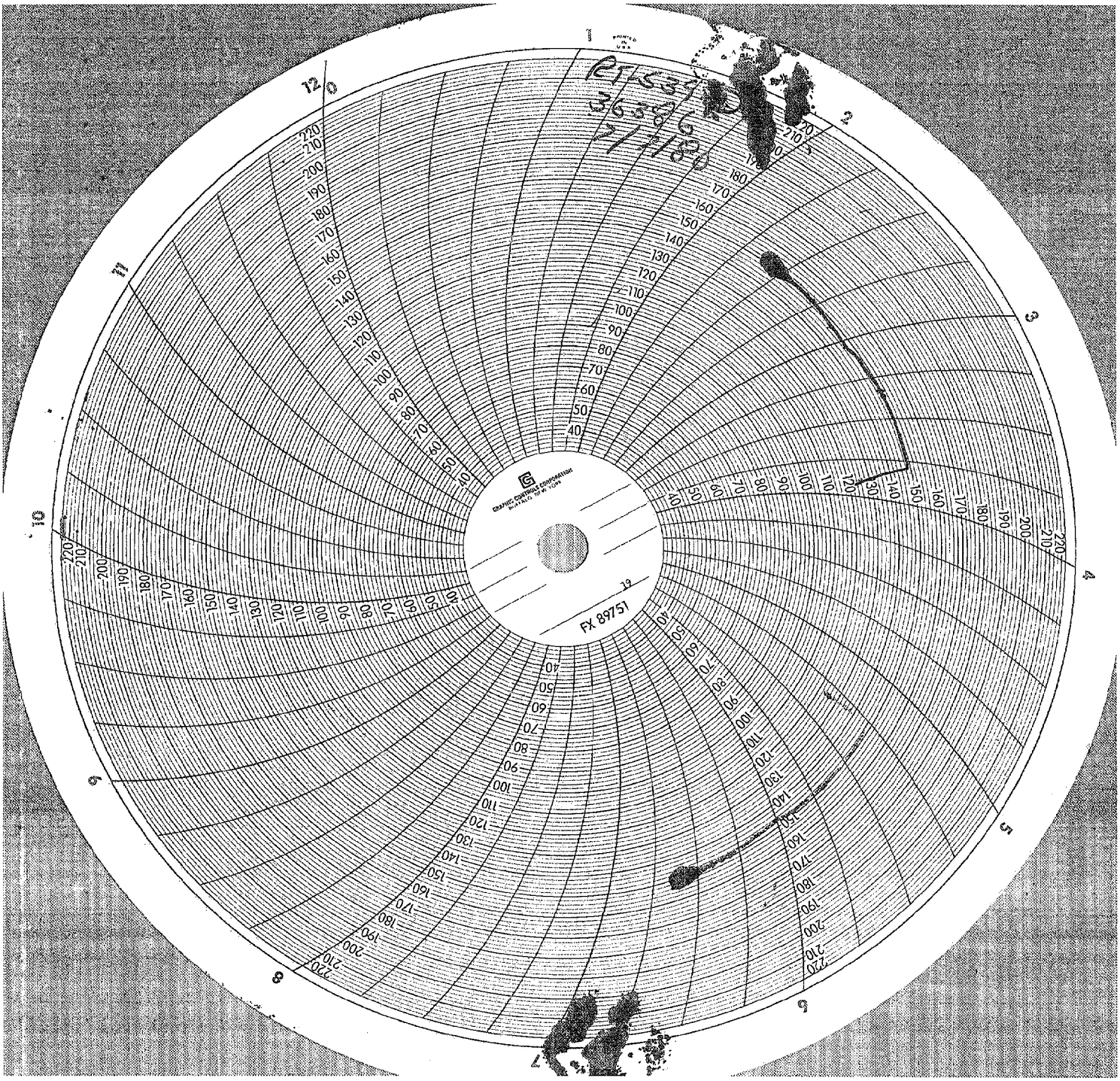
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