MAKING INSTRUCTIONS: BATCH UNIT

C.V. 260 D.V. 315, 317, 322, 323

CO 40 CODE RT-539-D PKG.

→ FEB 4 - 34259

EST. WGT. 486 LBS.

STD. HRS. TIME 11 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		

2 98

~~Rinse N-3 Thru West Press~~ Done

B.O. ~~V-317~~ Done ~~V-323~~ Done

NON-BLEEDING

PMENT		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- 317			
	5	Run in from V-324 M 1 3176 %	224	28-D	71
	6	Dump in from S 1 LOT 499 100% 162 % 77.0	210	24-C	~~151~~ 162
	7	Add & stir 15 min to wet LOT 270 % 70.0	2	195-C	1
	8	Adj to 21" (710 G) at 28-32°F	6 x 330	57-A	1980
	9	Siphon in in 8-12 min M 2 3369 %	205	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%	50	725-A	17
		Record: CR + (+); KI + (+)			
	11	Stir 30 min at 28-32°F maintaining +CR, +KI for S 17			
		Record: Time Start 12:20 PM			
Misc 3	12	Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
302 or 314 4	13	Run 5" (60 G) water into V- 314			
	14	Pour in Assume 50%	78	7-D	39
	15	Pour in & stir 3 min Assume 78%	77	30-D	58
	16	Record: pH 6.6 (6.5-7.5) & if necessary Assume 75%		30-D	
		adj to pH 6.5-7.5 Record: pH Assume 50%	2	7-D	1
DV 5	17	When S 11 stir complete, test DV & Record:			
		CR + (+), KI + (+), Temp: 30 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, 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	2 x 330	57-A	660
		28-32°F Record: Time Start 12:20 Total min 65			

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EQUIPMENT			USE LBS.	N CODE	ACCT LBS.
DV 5 Cont'd	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)		57-A	
	25	Stir 5 min & record: Temp 24 (28-32°F) & if necessary, adj to 28-32°F Record: °F			
	26	Record: Vol 22" & hold for S 42			
260 6	27	Install V-260 temp chart & set agitator at 16 rpm			
	28	Run in 20" (1988 G) water			
330 7	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 3752	308	151-C	308
	32	Pour in Assume 50%	156	7-D	78
	33	Heat to 155-162°F AFAP Record: Min 15			
	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 OK (Dark Brown)			
		Clarity OK (Must be Clear)			
260 8	35	Immediately run V-330 into CV, no agitation in CV			
	36	Immediately start agitator & siphon in in 15-20 min M	308	30-D	58
	37	Stir 5 min & Record: pH 11.8 (11.0-12.0)			
	38	If necessary, adj to pH 11.0-12.0 Assume 50%		7-D	
		& Record: pH 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 150 F & Rec 152F			
	42	When S 26 complete, couple DV undersurface in 65-70 min Maintain CV at 148-152°F Record: Start 2:40 Total Min 70			
	43	Record: Diazo V8 + (- or +), Base + must be +			
		pH 4.9 (4.5-5.0) "			
	44	Stir 15 min Record: Start			
	45	When S 44 stir complete, test CV &			
		Record: Diazo — must be -, Base + must be +			
		pH 4.8 (4.5-5.0)			
	46	If S 45 diazo is + and base is also +, sift in 20# N-3-A & stir to + diazo. WATCH FOAM		3-A	
		Record: Diazo — must be -, Base must be +			
		pH (4.8-5.2) Total min since S 43 15			
	47	Flood to 82" (8126 G) & stop agitator			
		START FIN OPTR			
		230AM 7AM 282			
		10:30P 3:00P 126			
		#1 & 3 Heated with Hot water for west pump Pipe			
		#2 & 4 Heated with Steam test 30 min			

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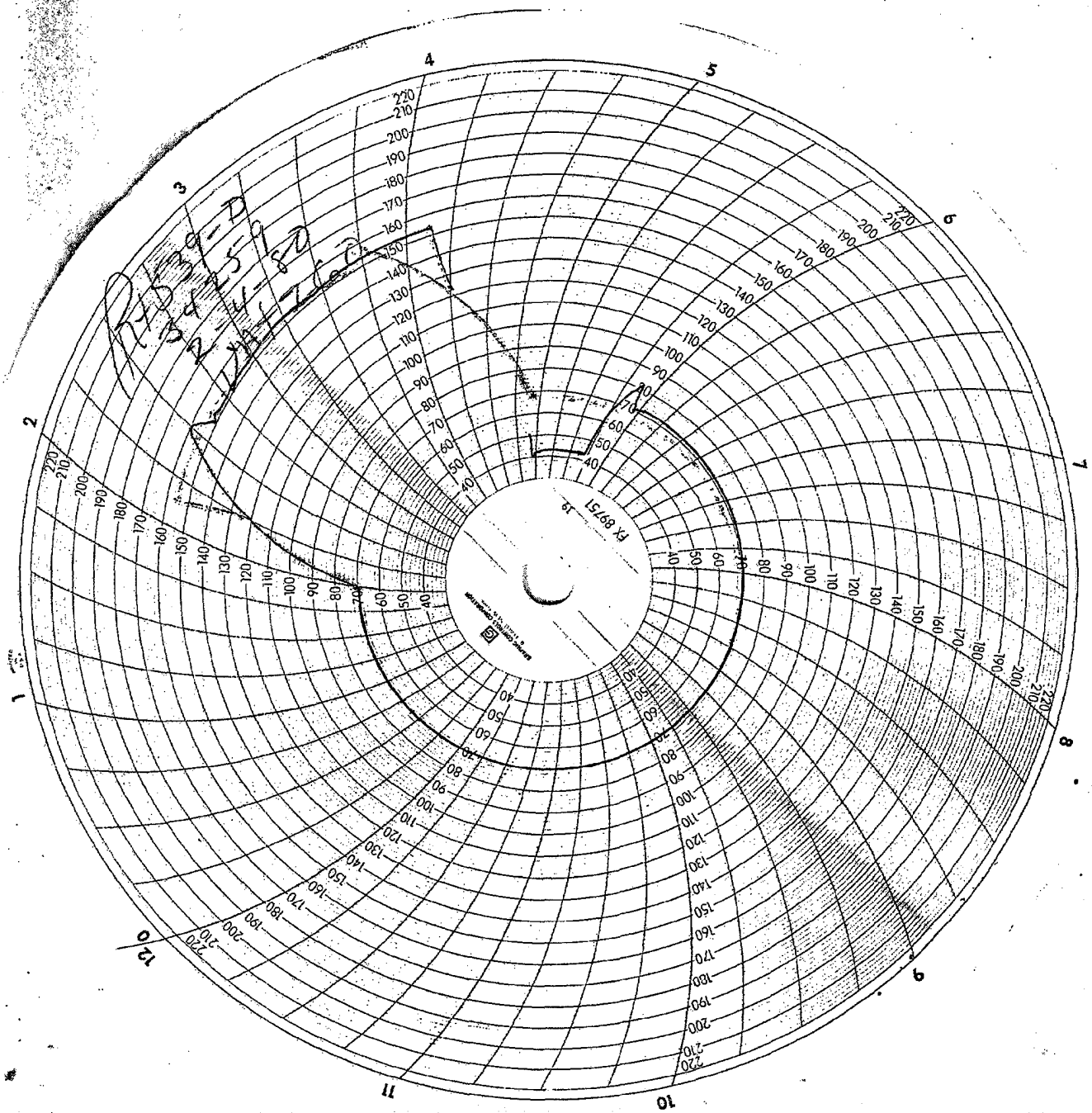

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