

JAN 15 1981

MAKING INSTRUCTIONS: BATCH UNIT

C.V. (260)

D.V. (303), 315, 317, 322, (323)

40 CODE RT-531-D

PKG.

JAN 21 81 38774

ST. WGT.

LBS.

TD. HRS.

TIME

M

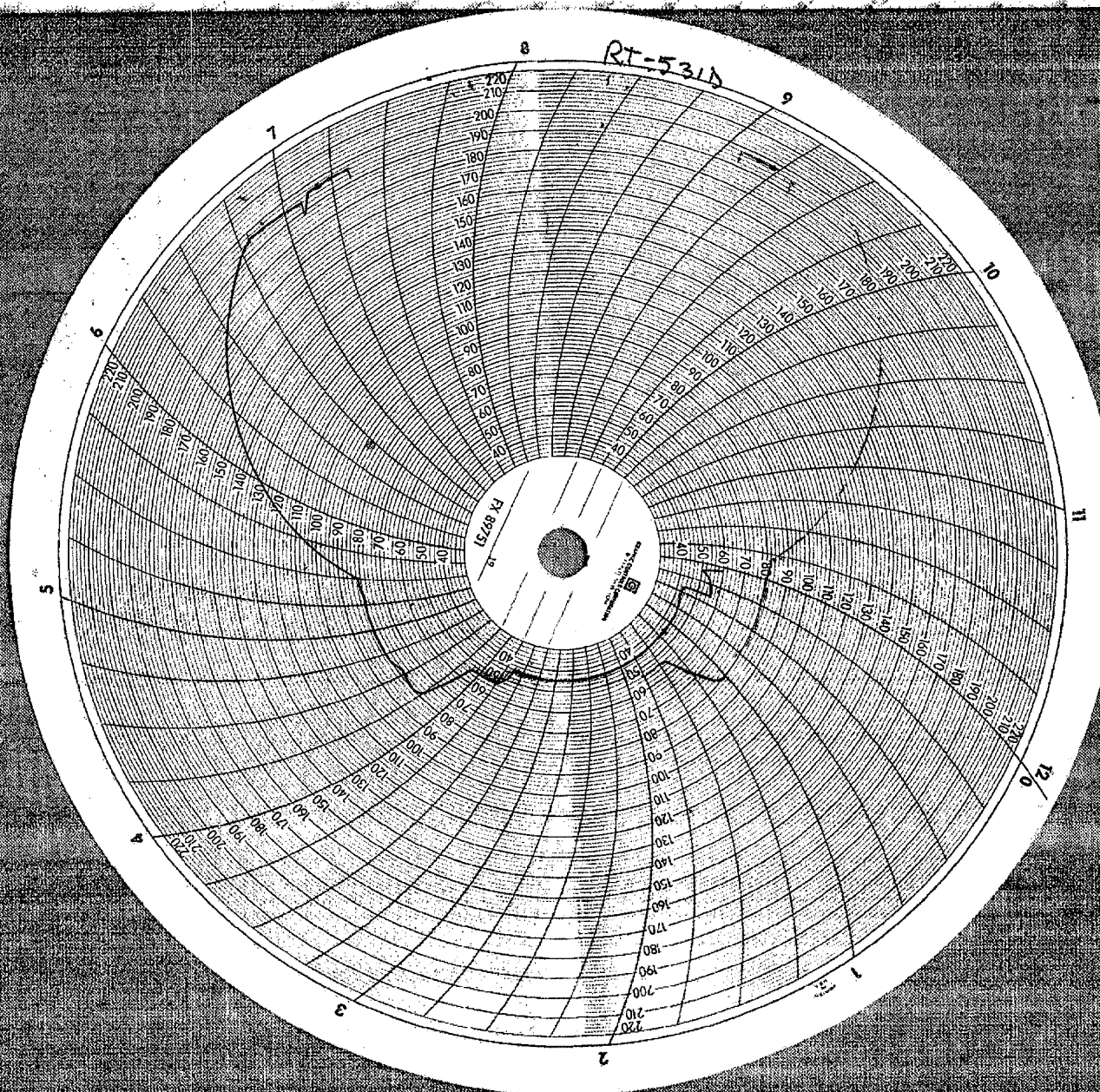
PROCESSES		APPROVED BY	
RT-531-D (N)		BBK 04-25-77	
(C) RT-160-P ()		DCG 04-26-77	
()	()	MTW 04-27-77	
()	()		
TYPED BY			
emw042977			

Run No. 3 Thru
WEST PRESS ✓

NON-BLEEDING

AGENT	NAME: NAPHTHANIL® RED LIGHT	USE LBS.	N CODE	ACCT. LBS.
1	Obtain for S 6		504-C	
1	Obtain for S 18		150-C	
3	Clean, dress, close 24" clarif press - 15 frames			
2	Run 20" (486 G) water into V-303			
5	Run in from V-324 M 1 31.61 %	399	28-D	126
6	Dump in from S 1 Lot	5055 210	504-C	210
	Add & stir 15 min to wet Lot 698 %	1.44	896-C	1
8	Adj to 20" (1020 G) at 40-45°F	3x 330	57-A	
9	Pour in AFAP M 1 32.33 %	299	725-A	95
10	Stir 5 min & Record: CR (+) M		28-D	
	KI (+), Temp (40-45°F) M		725-A	
12	Stir 10 min at 40-45°F maintaining + CR & + KI for S 13		57-A	
	Record: Start 9:30 AM CR + KI (+)		725-A	
sc 3	Slurry in 40 Gal water in drum & precoat clarif pressed	5	777-A	5
4	When S 11 stir complete, dump in	15	113-A	15
14	Dump in	10	777-A	10
15	Stir 30 min at 40-45°F maintaining + KI for S 23		725-A	
	Record: Start 9:50 KI (+)		57-A	
30	Run 13" (177 G) water into V-330			
5	Slurry in 25 G water & pour in	16	39-A	16
18	Dump in from S 2 & stir 30 min or longer to wet Lot	4768 370	150-C	370
	Record: Start 2:30 AM			
2	Run 12" (144 G) water into V-308			
6	Pour in Assume 50%	58	7-D	29
21	Siphon in & stir 3 min M 19 82.55 %	52	30-D	43
22	Record: pH 6.7 (6.7-7.5) Assume 50%		7-D	
	If necessary adj to 6.7-7.5, Record: pH Assume 75%		30-D	

INVENT	PAGE	CG	40	CODE	RT-531-D (N)	EST. WGT.	665	LBS.	USE	N	ACCT
									LBS.	CODE	LBS.
7	23	Pump DV thru clarif press into V-323 maintaining temp at 40-45°F. Record: Start <u>12:00 PM</u> Total Min <u>20</u>							2 x 330	57-A	
		NOTE: Do not use V-303 - too small									
	24	When S 23 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -CR test on a sample of total press effluent, whichever comes first collect washings in DV (S 23)									
		Record: Start <u>12:20</u> CR <u>-</u> (- or +)									
	25	When S 24 is complete, test DV (S 23) & Record: KI <u>+</u> (+), Temp <u>40</u> (40-45°F)								725-A	
										57-A	
	26	Weigh in Rubber Bucket & Rinse in & stir 3 min							10	395-D	10
	27	Record: KI <u>-</u> Must be - & if necessary adj to - KI								395-D	
	28	Adj to <u>56</u> " (1925 G) at 40-45°F							1 x 330	57-A	
		<u>39"</u>									
260	29	Run <u>83</u> " (3900 G) water into V-260									
8	30	Install Temp Chart & Set Agitator at 16 RPM									
30	31	When S 18 stir complete pour in, in 3-4 min Assume 50%							220	7-D	110
9	32	Heat to 128-132°F AFAP & stir 5 min to dissolve. Stop agitator									
60	33	Immediately run V-330 AFAP into CV. No agitation in CV									
10		Record: Start <u>3:20</u> Total Min <u>12</u>									
	34	Pour in & stir 5 min M <u>19</u> , <u>82.55</u> % <u>✓182</u>								30-D	150
	35	Record: pH <u>11.3</u> (10.5-11.0) Assume 50%								7-D	
		If necessary adj to pH 10.5-11.0 Record: pH <u>10.7</u> Assume 75%							<u>6</u>	30-D	<u>2</u>
	36	Run in V-302 AFAP									
	37	Dump in							<u>✓20</u>	65-A	<u>30</u>
	38	Heat to 78-82°F & Record: HT <u>80</u> °F & Rec <u>80</u> °F									
	39	When S 28 complete, couple DV undersurface in/65-70 min									
		Maintain CV at 78-82°F Record: Start <u>4:15</u> Total Min <u>65</u>									
	40	Record: Diazo <u>-</u> (- or +)									
		Base <u>H</u> Must be +									
		pH <u>4.4</u> (4.2-4.6)									
	41	If necessary stir to - diazo Record: Start Total Min									
		Record: Diazo Must be -									
		Base Must be +									
		pH (4.2-4.6)									
isc	42	Dissolve in 30 G water at 130-140°F in drum for S 43							30	567-B	30
11											
60	43	Pour in N-567-B sol'n from S 42									
12	44	Heat to 194-196°F in 55-60 min & Record: HT <u>196</u> °F & Rec <u>196</u> °F									
isc	45	Dissolve in 35 G water at 140-150°F in drum for S 46							60	15-A	60
13											
30	46	When S 44 heating complete, pour in N-15-A sol'n from S 45									
14		into CV									
	47	Stir 30 min at 194-196°F									
	48	Flood to 62" (4150 G) & stop agitator									
		VAT	V-303	V-315	V-317	V-322	V-323				
		S 4 (486 G)	20"	14"	14"	14"	14"				
		S 8 (1020 G)	43"	30"	30"	30"	30"				
		START	FIN	OPTR							
		<u>7:00 AM</u>	<u>3:00 PM</u>	<u>301</u>							
		<u>3 PM</u>	<u>7:30</u>	<u>130</u>							
		ASTOR	WATKINS	END	220	VAT					



DUP050291967

N 31763.01