

S.V.

C.V.

260

D.V. 315, 317, 322, 323 (703)

CG 40 CODE RT-539-D PKG.

→ DEC 23 80 38390

EST. WGT. 486 LBS.

P. J. HRS. TIME 3P M

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

PUNCHED & CHECKED
DEC 23 1980

NON-BLEEDING

EQUIPMENT	NAME: NAPHTHANTHIL® 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-			60
	5 Run in from V-324 M 13 31.50 %	170	28-D	21
	6 Dump in from S 1 LOT 100% 224	224	24-C	163
	7 Add & stir 15 min to wet LOT			
	8 Add to 21" (710 G) at 28-32°F	6 x 330	57-A	1220
	9 Siphon in in 8-12 min M 13 33.47 %	206	725-A	59
	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			
Misc 3	12 Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
302 or 314	13 Run 5" (60 G) water into V-			
	14 Pour in Assume 50%	78	7-D	39
	15 Pour in & stir 3 min Assume 75%	77	30-D	58
	16 Record: pH (6.5-7.5) & if necessary Assume 75%		30-D	
	add 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: 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, 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	2 x 330	57-A	260
	Record: Time Start 3:27 Total min 30			

EQUIPMENT	PAGE	CG	40	CODE	RT-539-D (N)	EST. WGT.	486	LB5.	USE	N	ACCT
									LB5.	CODE	LOG.
24	When S 23 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -BR test on a sample of total press effluent, whichever comes first, collect washings in DV (S23)										
25	Stir 5 min & record: Temp 12 (28-32°F) & if necessary, adj to 28-32°F Record: 22 °F										
26	Record: Vol 12 " & 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	Stir in 20 G water & pump in								13	39-A	13
31	Dump in from S 2 & stir 10 min to wet					LOT			308	151-C	308
32	Pour in										
33	Heat to 155-162°F AFAP Record: Min 10						Assume 50%		156	7-D	78
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)										
35	Immediately run V-330 into CV, no agitation in CV										
36	Immediately start agitator & siphon in in 15-20 min W					82.5%			78	30-D	58
37	Stir 5 min & Record: pH 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										
41	Heat to 148-152°F in 15-20 min & record: HT 150 F & Rec 150 F										
42	When S 26 complete, couple DV undersurface in 65-70 min										
	Maintain CV at 148-152°F Record: Start 8:55 Total Min 65										
43	Record: Diazo + (- or +), Base + must be +										
	pH 4.85 (4.5-5.0)										
44	Stir 15 min										
	Record: Start 9:50										
45	When S 44 stir complete, test CV										
	Record: Diazo - must be - Base + must be +										
	pH 4.85 (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 4.85 (4.8-5.2) Total min since S 43										
47	Flood to 82" (8126 G) & stop agitator										
	START										
	500 P										
	FIN										
	800										
	OPTR										
	209										
	2:30 PM										
	10:30 PM										
	20.1										

