

C.V. (260)

(303)

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

CG 40 CODE RT-539-D PKG.

→ DEC 10 80 38214

EST. WGT. 486 LBS.

STD. HRS. TIME M

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

995
 V-303-303 DONE
 WEST AREA

NON-BLEEDING

EQUIPMENT	NAME: NAPHTHANTHO 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- 303			
	5 Run in from V-324 M 12 30.56%	232	28-D	71
	6 Dump in from S 1 LOT 1100%		24-C	168
	7 Add & stir 15 min to wet LOT 278 % 204		296-C	
	8 Add to 21" (710 G) at 28-32°F	6 x 330	57-A	1980
	9 Siphon in in 8-12 min M 13 33.47%	226	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			
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- 304			
4	14 Pour in Assume 50%	78	7-D	39
	15 Pour in & stir 3 min Assume 75%	77	30-D	58
	16 Record: pH 7.5 (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- 303 maintaining temp at 28-32°F	2 x 330	57-A	660
	Record: Time Start Total min.			

EQUIPMENT	PAGE	CG	40	CODE	RT-539-D (N)	EST. WGT.	400	LBS.	USE	N	ACC
									LBS.	CODE	LBS.
24	24	When S 23 clarif complete, wash DV (S 4) lines, pump & press									
25	25	For 20 min or to a -OR test on a sample of total press									
26	26	effluent, whichever comes first, collect washings in DV (S23)								07-01	
27	27	Stir 5 min & record: Temp <u>21</u> (28-32°F) & if necessary,									
28	28	adj to 28-32°F Record: <u>21</u>									
29	29	Record: Vol <u>21</u> & hold for S 42									
30	30	Install V-260 temp chart & set agitator at 10 rpm									
31	31	Run in 20% (1983 G) water									
32	32	Run <u>23</u> (457 G) water into V-330									
33	33	Slurry in 20 G water & pour in							13	30-A	12
34	34	Dump in from S 2 & stir 10 min to wet								151-C	308
35	35										
36	36										
37	37										
38	38	Pour in									
39	39	Heat to 155-162°F AFAP Record: Min <u>9</u>							155	7-D	78
40	40	Stir 5 min to dissolve									
41	41	Record: Solution Color <u>Dark</u> (Dark Brown)									
42	42	Clarity <u>Clear</u> (Must be Clear)									
43	43	Note: If solution not dark brown & clear, heat to 185-192°F									
44	44	AFAP & Record: Color <u>Dark Brown</u>									
45	45	Clarity <u>Clear</u> (Must be Clear)									
46	46	Immediately run V-330 into CV, no agitation in CV									
47	47	Immediately start agitator & siphon in in 15-20 min M <u>12</u> , <u>10.5</u>								30-D	
48	48	Stir 5 min & Record: pH <u>11.3</u> (11.0-12.0) <u>10.5-11.0</u>									
49	49	If necessary, adj to pH <u>11.0</u> <u>10.5-11.0</u> Assume 50%								7-D	
50	50	& Record: pH <u>11.0</u> Assume 75%								30-D	
51	51	Run in V-302 or V-314									
52	52	Dump in									
53	53	Heat to 148-152°F in 15-20 min & record: HT <u>150</u> F & Rec: <u>150</u> F									
54	54	When S 26 complete, couple DV undersurface in 65-70 min									
55	55	Maintain CV at 148-152°F Record: Start <u>7:30</u> Total Min <u>65</u>									
56	56	Record: Diazo <u>-</u> (- or +), Base <u>100%</u> must be +									
57	57	pH <u>4.4</u> (4.5-5.0)									
58	58	Stir 15 min Record: Start <u>8:30</u>									
59	59	When S 44 stir complete, test CV &									
60	60	Record: Diazo <u>-</u> must be <u>-</u> Base <u>100%</u> must be +									
61	61	pH <u>4.4</u> (4.5-5.0)									
62	62	If S 45 diazo is + and base is also +, sift in 20% N-3-A								3-A	
63	63	& stir to + diazo. WATCH PHAM									
64	64	Record: Diazo <u>-</u> must be <u>-</u> , Base must be +									
65	65	pH <u>4.8</u> (4.8-5.2) Total min since S 43									
66	66	Flood to 82" (8126 G) & stop agitator									
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