

CG 40 CODE RT-531-D PKG.

→ JUL 18 80 36602
EST. WGT. 665 LBS.STD. HRS. TIME *L* M

C.V. (260)

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

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			

*West Press.**JUL 21 1980*

NON-BLEEDING

EQUIPMENT	NAME: NAPHTHANIL® RED LIGHT	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1 Obtain for S 6		504-C	
	2 Obtain for S 18		150-C	
	3 Clean, dress, close 24" clarif press - 15 frames			
DV 2	4 Run 20" (486 G) water into V-303			
	5 Run in from V-324 M 6, 30.85 %		28-D	126
	6 Dump in from S 1 Lot		504-C	210
		4868 200		
		4813 10		
	7 Add & stir 15 min to wet Lot 66.6 %	1.5 40	896-C	1
	8 Adj to 1/3" (1020 G) at 40-45°F	1 3x 330	57-A	2310
	9 Pour in AFAP M, 33.62 %	203	725-A	95
	10 Stir 5 min & Record: CR + (+) M	%	28-D	
	11 KI + (+), Temp 40 (40-45°F) M	%	725-A	
	11 Stir 10 min at 40-45°F maintaining + CR & + KI for S 13		57-A	
	Record: Start 505P CR + (+), KI + (+)		725-A	
Misc 3	12 Slurry in 40 Gal water in drum & precoat clarif press	5	777-A	5
DV 4	13 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 515P KI + (+)		57-A	
330 5	16 Run 13" (177 G) water into V-330			
	17 Slurry in 25 G water & pour in	24	39-A	24
	18 Dump in from S 2 & stir 30 min or longer to wet Lot		150-C	370
	Record: Start 530P	70583		
302 6	19 Run 12" (144 G) water into V-302			
	20 Pour in Assume 50%	58	7-D	29
	21 Siphon in & stir 3 min M 9, 79.08 %	57	30-D	43
	22 Record: pH 6.9 (6.7-7.5) Assume 50%		7-D	
	If necessary adj to 6.7-7.5, Record: pH Assume 75%		30-D	

UIPMENT		PAGE 2 CG 40 CODE RT-531-D (N)	EST. WGT. 665	LBS.	USE LBS.	N CODE	ACCT. LBS.	
DV	7	23	Pump DV thru clarif press into V- 323 maintaining temp at 40-45°F. Record: Start <u>600 P</u> Total Min <u>20</u>		2 x 330	57-A	<u>990</u>	
			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>630 P</u> CR - (- 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	5		395-D	5	
		28	Adj to <u>52</u> " (1925 G) at 40-45°F	1 x 330		57-A	<u>330</u>	
260	8	29	Run 39" (3900 G) water into V-260					
		30	Install Temp Chart & Set Agitator at 16 RPM					
330	9	31	When S 18 stir complete pour in, in 3-4 min Assume 50%	220		7-D	110	
		32	Heat to 128-132°F AFAP & stir 5 min to dissolve. Stop agitator					
260	10	33	Immediately run V-330 AFAP into CV. No agitation in CV					
			Record: Start <u>632 P</u> Total Min <u>7</u>					
		34	Pour in & stir 5 min M <u>9</u> , <u>79.08</u> %	<u>170</u>		30-D	150	
		35	Record: pH <u>11.0</u> (10.5-11.0) Assume 50%			7-D		
			If necessary adj to pH 10.5-11.0 Record: pH Assume 75%			30-D		
		36	Run in V-302 AFAP					
		37	Dump in	35		65-A	35	
		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>715 P</u> Total Min <u>70</u>					
		40	Record: Diazo <u>-</u> (- or +)					
			Base <u>V181</u> Must be +					
			pH <u>4.6</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)					
Misc	11	42	Dissolve in 30 G water at 130-140°F in drum for S 43	30		567-B	30	
260	12	43	Pour in N-567-B sol'n from S 42					
		44	Heat to 194-196°F in 55-60 min & Record: HT <u>194</u> °F & Rec <u>198</u> °F					
Misc	13	45	Dissolve in 35 G water at 140-150°F in drum for S 46	60		15-A	60	
260	14	46	When S 44 heating complete, pour in N-15-A sol'n from S 45 into CV					
		47	Stir 30 min at 194-196°F					
		48	Flood to 80" (7928 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>300 P</u>	<u>1100 P</u>	<u>259-267</u>			

