

JAN - 7 1980

C.V.

105, 106

MAKING INSTRUCTIONS: BATCH UNIT

D.V. 300, 315, 317, 322, 323

45 CODE YT-808-D PKG.

JAN - 8 33695

ST. WGT. 2573 LBS.

TD. MRS.

TIME

3 PM

East

PROCESSES		APPROVED BY	
() YT-808-D	(D)	EMK	9/27/77
() YT-810-D	(D)	BHK	10/14/77
()	()	DCG	10/17/77
()	()	MTW	10/18/77
TYPED BY			
JTC		10/26/77	

NON-BLEEDING

IPMENT	NAME	USE	N	ACCT.
	DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1 Obtain for S 6 Do NOT USE Lot 2		157-C	
	2 Obtain for S 22		46-C	
	3 Clean dress, close 24" clarif press - 15 frames			
DV 2	4 Run 10" (323 G) water into V-320			
	5 Weigh in from V-324 M 1, 31.76 %	1659	28-D	527
	6 Dump & rinse in drums from S 1		157-C	1120
	LOT # 100% %			
	167 123 62.4	180		
	167 122 67.8	180		
	167 109 60.4	180		
	167 107 59.2	180		
	167 123 68.3	180		
	167 117 64.8	180		
	167 116 64.6	180		
	167 117 65.0	180		
	167 113 63.9	180		
	167 73 61.2	119		
	7 Stir 10 min or longer to wet			
	8 Add to 43" (1670 G) at 28-32°F	10 x 330	57-A	3620
	9 Siphon in in 12-15 min M 1, 33.52 %	1253	725-A	420
	10 Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
	Record: Time Start 1:35 PM CR + (+), KI + (+)			
	Note:			
	(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-D	
	Record: CR (+), KI (+)			
	(2) If CR +, KI -, add 20# "as is" increments Assume 33%			
	Record: CR (+), KI (+)			
Misc 3	11 Slurry in 40 gal water in drum & precoat clarif press with	5	777-A	5
DV 4	12 When S 10 stir complete, dump in	15	113-A	15
	13 Dump in	10	777-A	10
	14 Stir 30 min at 28-32°F maintaining + CR, + KI for S 20		57-A	
	Record: Time Start 2:10 PM CR + (+), KI + (+)			
	Note:			
	(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-A	
	Record: CR (+), KI (+)			
	(2) If CR +, KI -, add 20# "as is" increments Assume 33%	70	725-A	23
	Record: CR (+), KI (+)			

EQUIPMENT		PAGE	CG	46	CODE	Alt. EST. WGT.	LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 5	15	Pour 10" (970 G) water into V-106 & install temp chart								
	16	Pour in M 2, 49.46 %								
	17	Adj. to 40" (3904 G) at 66-70°F								
	18	Close stack damper								
	19	Stir for S 22								
DV 6	20	When 14 stir complete, test DV & Record: CR + (+), KI + (+), Temp: 32 (28-32°F)								
		Note:								
		(1) If CR-, KI-, add 20# "as is" increments Assume 32%								
		Record: CR + (+), KI + (+)								
		(2) If CR+, KI-, add 20# "as is" increments Assume 33%								
CV 7	22	Dump DV thru clarif press into V-323 maintaining temp at 28-32°F Record: Time Start 2:50 A Total Min 80								
	22	Dump into CV from S 2 LOT # 100% 91980 1201 = 95.8 1254 46-C 1855								
		Note: Break up lumps 91980 200 = 93.6 214 54 = 958 56								
	23	Stir 10 min to dissolve								
	24	Open stack damper								
DV 8	25	Pour in undersurface in 20.25 min M 16, 73.36 % 1118 30-D 820								
	26	Stir 5 min & Record: pH 5.9 (5.8-6.3)								
	27	If necessary, adj. to pH 5.8-6.3 & Assume 50%								
		Record: pH 5.9 (5.8-6.3) Assume 77%								
	28	When S 21 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 21) Record: Time Start 4:10 A, CR - (- or +)								
Misc 9	29	Stir 5 min & Record: Temp 32 (28-32°F) & 57-A								
		If necessary, adj. to 28-32°F. Record: 0°F								
	30	Weigh in rubber bucket & wash into DV 20 395-D 20								
	31	Stir 5 min & Record: KI - (-)								
	32	If necessary, adj. to -KI & Record: KI - (-) 395-D								
CV 10	33	Record: DV 51"								
	34	Weigh in drums for S 41 M 2, 49.46 % 687 7-D 340								
	35	Dissolve in 20 gal water in drum for S 43 70 979-A 670								
	36	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F								
	37	Check accuracy: HT 82 °F & Recorder 89 °F								
	38	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F								
		Record: Time Start 5:35 AM Total Min. 65								
	39	When S 38 complete, stir 10 min								

JIPMENT	PAGE 3	CG 46 CODE YT-808-D (D)	EST. WGT. 22282573 LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 00 ont'd)	40	RECORD: Diazo — (-), Base + (+) pH 4.3 (4.3-4.7)				
		NOTE:				
		(1) If Diazo +, Base -, and pH below 4.3:				
		(a) adj to pH 4.3-4.7	Assume 50%		7-D	
		(b) record: pH				
		(2) If Diazo +, Base -, and pH 4.3 or above:				
		(a) add 8# 100% N-7-D to a 55 G drum			7-D	
		(b) adj with water to ± 25 G				
		(c) add 20# 100% N-46-C			46-C	
		(d) stir to dissolve				
		(e) pour into CV				
		(f) stir 10 min				
		(3) Repeat (1) & (2) above as necessary to - Diazo, + Base				
	41	Pour in N-7-D from S 34 & stir 5 min				
	42	RECORD: pH 6.5 (8.0-8.5) & if necessary	Assume 50%	18	7-D	9
		Adj to pH 8.0-8.5. RECORD: pH 8.4	Assume 32%	10	28-D	13
	43	Dump in N-979-A from S 35				
	44	Heat to 200-204°F in 58-62 min				
	45	Stir 30 min at 200-204°F	RECORD: Time Start 10:25 AM			
	46	Flood to 94" (9174 G) & stop agitator				
		START 10:00 PM	FIN 11:00 PM	OPTR 244		
		11:00 PM	7:00 AM	381		
		7:00 PM	11:09 AM	322		
		DELAYED VAT 106 STEAM VALVE WOULD NOT OPEN - SEE LOG				
		" " " " BEING REPAIRED				

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122
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909

11.3

1022

