

4 46 CODE YT-808-D PKO.
 SEP. 16.80 37125
 ST. WGT. 2238 LBS.
 TO. HRS. TIME 11P M

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

PUNCHED & CHECKED

SEP 17 1980

SEP 19 1980

EAST-PRESS

NON-BLEEDING

ENT	NAME	USE	N	ACCT.
		LBS.	CODE	LBS.
EP	DALAMAR® YELLOW			
1	Obtain for S 6		157-C	
2	Obtain for S 22		46-C	
3	Clean, dress, close 24" clarif press - 15 frames			
4	Rdn 10" (323 G) water into V-320			
5	Weigh in from V-324 M 7 3162 % 14418		28-D	458
6	Dump & rinse in drums from ST		157-C	974
	LOT # 100%	%		
	257 107	67.0	175	
	256 139	79.2	175	
	256 140	80.0	175	
	256 139	79.2	175	
	257 112	64.0	175	
	257 111	63.6	175	
	257 114	65.2	175	
	256 102	79.6	131	
7	Stir 10 min or longer to wet			
8	Add to 33" (1155 G) at 28-32°F	104330	57-A	4620
9	Station in in 12-15 min M 10 3271 % 1315		725-A	430
10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
	RECORD: Time Start 1:30 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%		725-A	
	RECORD: CR (+), KI (+)			
ISC	Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
11	When S 10 stir complete, dump in	15	113-A	15
12	Dump in	10	777-A	10
13	Stir 30 min at 28-32°F maintaining + CR, + KI for S 20		57-A	
	RECORD: Time Start 2:00 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%		725-A	
	RECORD: CR (+), KI (+)			

N35153

INSTRUMENT	PAGE	CG	CODE	YT-808-D (D)	EST. WGT.	2238	LBS.	USE	N	ACCT.
								LBS.	CODE	LBS.
CV	5	15	Run 10" (970 G) water into V-106 & install temp chart							
		16	Pour in						7-D	466
		17	Adj to 40" (3904 G) at 66-70°F WRADY ANALYSIS 07					3 x 330	57-A	5
		18	Close stack damper							
		19	Stir for S 22							
DV	6	20	When S 14 stir complete, test DV & record							
			CR + (+), KI + (+) Temp: 32 (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 20# "as is" increments Assume 33%						725-A	
			RECORD: CR (+), KI (+)							
		21	Pump DV thru clarif press into V-315 Maintaining temp at 28-32°F RECORD: Time Start 3AM Total Min 60					2 x 330	57-A	990
CV	7	22	Dump into CV from S 2	LOT	#100%	%			46-C	1265
			NOTE: BREAK UP LUMPS	01330	400	934	422			
				01170	406	85.2	420			
				01410	200	94.8	211			
				00470	200	91.6	218			
		23	Stir 10 min to dissolve	01520	65	96.6	67			
		24	Open stack damper							
		25	Run in undersurface in 20-25 min M 10			7723	900		30-D	713
		26	Stir 5 min & Record: pH 7.6 (5.8-6.3)							
		27	If necessary, adj to pH 5.8-6.3 and						7-D	
			RECORD: pH 6.0 (5.8-6.3)						30-D	54
DV	8	28	When S 21 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -CR test on a sample to total press effluent, whichever comes first. Collect washings in DV (S 21)							
			RECORD: Time Start 4AM CR - (- or +)							
		29	Stir 5 min & Record: Temp 30 (28-32°F) & if necessary, adj to 28-32°F. RECORD: °F						57-A	
		30	Weigh in rubber bucket & wash into DV					10	395-D	10
		31	STIR 5 MIN & RECORD: KI							
		32	If necessary, adj to -KI & RECORD: KI						398-D	
		33	Record DV							
MISC	9	34	Weigh in drums for S 41 M 9			5264	585		7-D	296
		35	Dissolve in 20 gal water in drum for S 43						979-A	58
CV	10	36	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F							
		37	Check accuracy: HT 87 °F & Recorder 84 °F							
		38	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F							
			RECORD: Time Start 5:15 Total Min 70							
		39	When S 38 complete, stir 10 min							

INSTRUMENT	PAGE 3	CG 46 CODE YT-808-D (D)	EST. WGT. 2238	LBS.	USE LBS.	N CODE	ACCT. LBS.
CV ent'd)	40	RECORD: Diazo - (-), Base + (+) pH 4.5 (4.3-4.7)					
		(2) 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 11.2 (8.0-8.5) & if necessary		Assume 50%		7-D	
		Adj to pH 8.0-8.5. RECORD: pH 8.1		Assume 32%	79	28-D	32
	43	Dump in N-979-A from S 35					
	44	Heat to 190-194°F in 58-62 min					
	45	Stir 30 min at 190-194°F		RECORD: Time Start 8:45 A			
	46	Flood to 94" (9174 G) & stop agitator					
		START	FIN	OPTR			
		11 PM	7 AM	282			
		700A	9:15A	126			

