

46 CODE YT-808-D PKG.

OCT 7 80 37359

SY. WGT. 2238 LBS.

TD. MRS. TIME 3P M

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

EAST PROCESS

OCT 7 1980

NON-BLEEDING

ENT	NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
1	Obtain for S 6		157-C	
2	Obtain for S 22		46-C	
3	Clean, dress, close 24" clarif press - 15 frames			
4	Run 10" (323 G) water into V- 300			
5	Weight in from V-324 M 8 32.31	1418	28-D	458
6	Dump & rinse in drums from ST		157-C	974
	LOT # 100%	%		
	202 140 20.2	175		
	250 191 26.4	250		
	303 143 81.0	175		
	300 132 25.2	175		
	300 133 26.0	175		
	300 127 22.6	125		
	300 108 32.4	131		
7	Stir 10 min or longer to wet	15		
8	Adj to 33" (1155 G) at 28-32°F	205330	57-A	4950
9	Siphon in in 12-15 min M 12 33.16	1191	725-A	
10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			395
	RECORD: Time Start 5:00 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 (+)			
11	Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
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 6:00 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 (+)			

QUIPMENT	PAGE 2 CG 46 CODE YT-808-D (D) EST. WGT. 2238 LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 5	15 Run 10" (970 G) water into V-106 & install temp chart 16 Pump in M 12 , 49.92% 922 17 Adj to 40" (3904 G) at 66-70°F 3 x 330 57-A 466 18 Close stack damper 19 Stir for S 22			
DV 6	20 When S 14 stir complete, test DV & record CR (+), KI 2 (+) Temp: 24 (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-3025 maintaining temp at 28-32°F RECORD: Time Start 2:00 Total Min 150 2 x 330 57-A 660			
CV 7	22 Dump into CV from S 2 LOT #100% % 828 46-C 1265 NOTE: BREAK UP LUMPS 01521 800 76.6 01570 800 92.1 01210 801 92.9 01210 65 90.3 23 Stir 10 min to dissolve 24 Open stack damper 25 Run in undersurface in 20-25 min M 10 , 79.23% 900 30-D 713 26 Stir 5 min & Record: pH 5.1 (5.8-6.3) 27 If necessary, adj to pH 5.8-6.3 and Assume 50% 150 7-D 25 RECORD: pH 5.9 (5.8-6.3) Assume 77% 30-D			
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 7:40 MCR (- 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 7 (-) 32 If necessary, adj to -KI & RECORD: *KI 10 395-D 10 33 RECORD: DV 54 "			
MISC 9	34 Weigh in drums for S 41 M 12 , 49.92% 592 7-D 296 35 Dissolve in 20 gal water in drum for S 43 62 979-A 62			
CV 10	36 When S 33 complete, adj CV to 48" (4685 G) at 80-84°F 37 Check accuracy: HT 82°F & Recorder 82°F 38 Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F RECORD: Time Start 10:25 Total Min 65 39 When S 38 complete, stir 10 min			

EQUIPMENT	PAGE	3	CG	46	CODE	YT-808-D (D)	EST. WGT.	2238	LBS.	USE LBS.	N CODE	ACC LBS.
CV 30 cont'd)	40	RECORD: Diazo — (-). Base + (+) pH 4.4 (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 6.6 (8.0-8.5) & if necessary Assume 50%									7-D	5
		Adj to pH 8.0-8.5. RECORD: pH 8.3 Assume 32%									28-D	
	43	Dump in N-979-A from S 35										
	44	Heat to 100-104°F in 50-60 min 200-204°F in 50-60 min										
	45	Stir 60 min at 200-204°F RECORD: Time Start 2:15 AM										
	46	Flood to 94" (9174 G) & stop agitator										
		START 4:00 PM FIN 11:00 PM OPTR 3:00 PM										
		11:00 PM 3:15 PM 223										

