

46 CODE YT-808-D PKG.

SEP 18 80 37148

ST. WGT. 2238 LBS.

RD. NOS. TIME 7: A M

PUNCHED & CHECKED

SEP 18 1980

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

NON-BLEEDING

ENT	NAME:	USE	N	ACCT.
EP	LBS.	CODE	LBS.	
	DALAMAR® YELLOW			
	Obtain for S 6		157-C	
	Obtain for S 22		46-C	
	Clean, dress, close 24" clarif press - 15 frames			
	Run 10" (323 G) water into V-300			
	Weigh in from V-324 M 7 31.62		28-D	458
	Dump & rinse in drums from ST		157-C	974
	LOT # 100% %			
	508 149 74.6 200			
	248 156 74.8 200			
	256 141 80.4 126			
	236 136 77.6 125			
	256 137 78.6 173			
	308 109 79.9 200			
	256 40 77.6 52			
	297 26 55.6 47			
	248 183 70.6 162			
	Stir 10 min or longer to wet			
	Adi to 33" (1155 G) at 28-32°F		57-A	4620
	Siphon in in 12-15 min M 11 33.21		725-A	402
	Stir 30 min at 28-32°F maintaining + CR. + KI for S 12			430
	RECORD: Time Start 12:30 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
3	When S 10 stir complete, dump in	15	113-A	15
4	Dump in	10	777-A	10
	Stir 30 min at 28-32°F maintaining + CR. + KI for S 20		57-A	
	RECORD: Time Start 1:00 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 (+)			

EQUIPMENT		PAGE 2 CG 46 CODE YT-808-D (D) EST. WGT. 2238 LBS.				USE LBS.	N CODE	ACCT. LBS.
CV 5	17	Run 10" (970 G) water into V-10/6 & install temp chart				920		
	18	Pour in M 329, 50.64				5 x 330	7-D	466
	19	Adj to 40" (3904 G) at 66-70°F					57-A	1650
	20	Close stack damper						
DV 6	21	Stir for S 22						
	22	When S 14 stir complete, test DV & record						
	23	CR + (+), KI + (+) Temp: 32 (28-32°F)					57-A	
	24	NOTE:						
	25	(1) If CR-, KI-, add 20# "as is" increments Assume 32%					28-D	
	26	RECORD: CR (+), KI (+)						
CV 7	27	(2) If CR+, KI-, add 20# "as is" increments Assume 33%					725-A	
	28	RECORD: CR (+), KI (+)						
	29	Pump DV thru clarif press into V-376 maintaining temp at 28-32°F RECORD: Time Start 1:30 Total Min 85				2 x 330	57-A	660
	30	Dump into CV from S 2 LOT #100% %					46-C	1265
	31	NOTE: BREAK UP LUMPS						
	32							
DV 8	33	Stir 10 min to dissolve						
	34	Open stack damper						
	35	Run in undersurface in 20-25 min M 10, 79.23 %				700	30-D	713
	36	Stir 5 min & Record: pH 6.0 (5.8-6.3)						
	37	If necessary, adj to pH 5.8-6.3 and					7-D	
	38	RECORD: pH (5.8-6.3) Assume 77%					30-D	
	39	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)						
	40	RECORD: Time Start 3:30 CR - (- or +)						
	41	Stir 5 min & Record: Temp 35 (28-32°F) & if necessary, adj to 28-32°F. RECORD: 28 °F				2 x 330	57-A	660
	42	Weigh 10 rubber bucket & wash into DV				10	395-D	10
MISC 9	43	Weigh in drums for S 41 M 329, 50.64 %				585	7-D	296
	44	Dissolve in 20 gal water in drum for S 43				58	879-A	58
CV 10	45	When S 33 complete, adj CV to 48" (4685 G) at 80-84°F						
	46	Check accuracy: HT °F & Recorder 82 °F						
	47	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F						
	48	RECORD: Time Start 4:06 Total Min 57						
	49	When S 38 complete, stir 10 min						

UPMENT	PAGE 3 CG 46 CODE YT-808-D (D) EST. WGT. 2238 LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 80 ent'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 5.9 (8.0-8.5) & if necessary Assume 50%	36	7-D	18
	Adj to pH 8.0-8.5. RECORD: pH 8.2 Assume 32%		28-D	
	43 Dump in N-979# from S 35			
	44 Heat to 190-194°F in 58-62 min			
	45 Stir 30 min at 190-194°F RECORD: Time Start 8.05 PM			
	46 Flood to 94" (9174 G) & stop agitator			
	START FIN OPTP			
	7:00 AM 3:00 PM 301			
	3:00 PM 8:47 PM 144			

