

46 CODE YT-808-D PKG.

ST. WGT. 2238 LBS. 297

YD. HRS. TIME

7/11 M

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

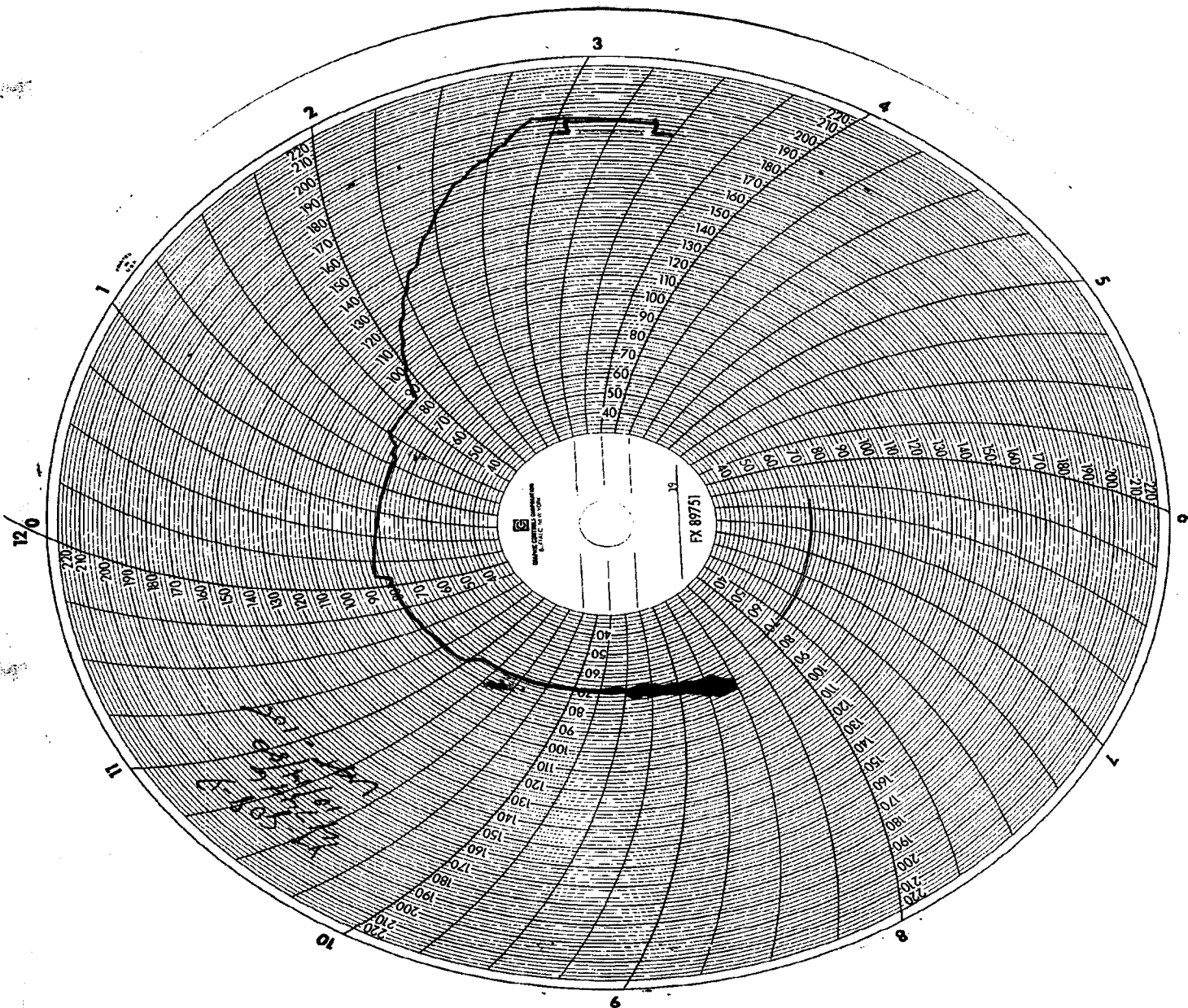
OCT 14 1980

NON-BLEEDING

ENT	NAME	USE	N	ACCT
		LBS.	CODE	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	Weigh in from V-324 M 8 32.3/ 1418		28-D	458
6	Dump & rinse in drums from ST		157-C	974
	LOT # 100%			
	303 78 80.4 - STUMP	28		
	305 145 83.0	175		
	305 143 82.4	174		
	305 146 84.0	174		
	305 138 86.0	174		
	300 137 79.0	123		
	300 136 78.8	123		
	300 99 81.4 STUMP	122		
7	Stir 10 min cr longer to wet			
8	Add to 33" (1155 G) at 28-32°F	10x330	57-A	2350
9	Siphon in in 12-15 min M 12 33.16 1221	725-A	405	
10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
	RECORD: Time Start 5:30 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	11 Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
3	12 When S 10 stir complete, dump in	15	113-A	15
4	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 (+)			

EQUIPMENT	PAGE	CG	46	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-	100		install temp chart						
	16	Pour in	M	12		49.92		933	7-D	466	
	17	Adj to 40" (3904 G) at 66-70°F						3330	57-A	1227	
	18	Close stack damper									
	19	Stir for S 22									
DV 6	20	When S 14 stir complete, test DV & record									
		CR + (+), KI + (+) Temp: 28° (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 2:15 Total Min 120						2 x 330	57-A	660	
CV 7	22	Dump into CV from S 2	LOT	#100%						46-C	1265
		NOTE: BREAK UP LUMPS	01260	665	96.8	687					
			01290	399	96.0	416					
			01250	201	96.6	208					
	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 5.11 (5.8-6.3)									
	27	If necessary, adj to pH 5.8-6.3 and RECORD: pH 5.9 (5.8-6.3)						160	7-D	80	
									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 9:05 PCR - (- or +)									
	29	Stir 5 min & Record: Temp 28° (28-32°F) & if necessary, adj to 28-32°F. RECORD: °F								57-A	
	30	Weigh in rubber bucket & wash into DV						30	395-D	10	
	31	Stir 5 min & RECORD: KI + (-)						8		8	
	32	If necessary, adj to -KI & RECORD: *KI +							395-D		
	33	RECORD: DV 53 "									
MISC 9	34	Weigh in drums for S 41	M	12		49.29		601	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 12:52 Total Min 65									
	39	When S 38 complete, stir 10 min									
		STEP 32 - NO N-395 ON THE PLANT. ADVISED BY P.E. TO GO AHEAD WITH BATCH									

REMARKS	PAGE	CG	CODE	YT-808-D (D)	EST. WGT.	2238	LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 80 ont'd)	40	RECORD: Diazo	(-)	Base	(+)	pH	4.2 (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 9.2 (8.0-8.5) & if necessary					Assume 50%		7-D	
		Adj to pH 8.0-8.5. RECORD: pH 8.4					Assume 32%	120	28-D	40
	43	Dump in N-97-A from S 35								
	44	Heat to 190°F in 58-62 min								
	45	Stir 30 min 190-194°F					RECORD: Time Start			
	46	Flood to 94°F & stop agitator								
		START	FIN	OPTR						
		3:00 P	11:00 P	126-267						
		11:00 A	6:50 A	27						



1.00%

✓ L-303-80.4-23 #15	18	17
✓ L-305-83.0-175	145	145
✓ L-305-82.4-174	143	144
✓ L-305-84.0-174	146	147
✓ L-305-86.0-174	150	151
✓ L-300-79.0-173	137	138
✓ L-300-78.8-173	136	138
L-300-81.4-173	—	142

342
135
580

0 0 0 0 0 0 0 0 0 0

11/27/5
C/C 61

974
880
94

974
875
99

20
48
100