

V. YC-13-A C.V. 105 106 MAKING INSTRUCTIONS: BATCH UNIT
 CG 46 CODE RECEIVED PKG. 105 106
 JAN 15 33835
 EST. WGT. 3146 LBS.
 STD. HRS. 8.8 TIME 11P M

PROCESSES	APPROVED BY
() YT-820-D (D)	EWK 10/ 4/76
(B) 46-13-A ()	DCG 10/ 6/76
() ()	MTW 10/11/76
() ()	
TYPED BY	
NE 3-11-77	

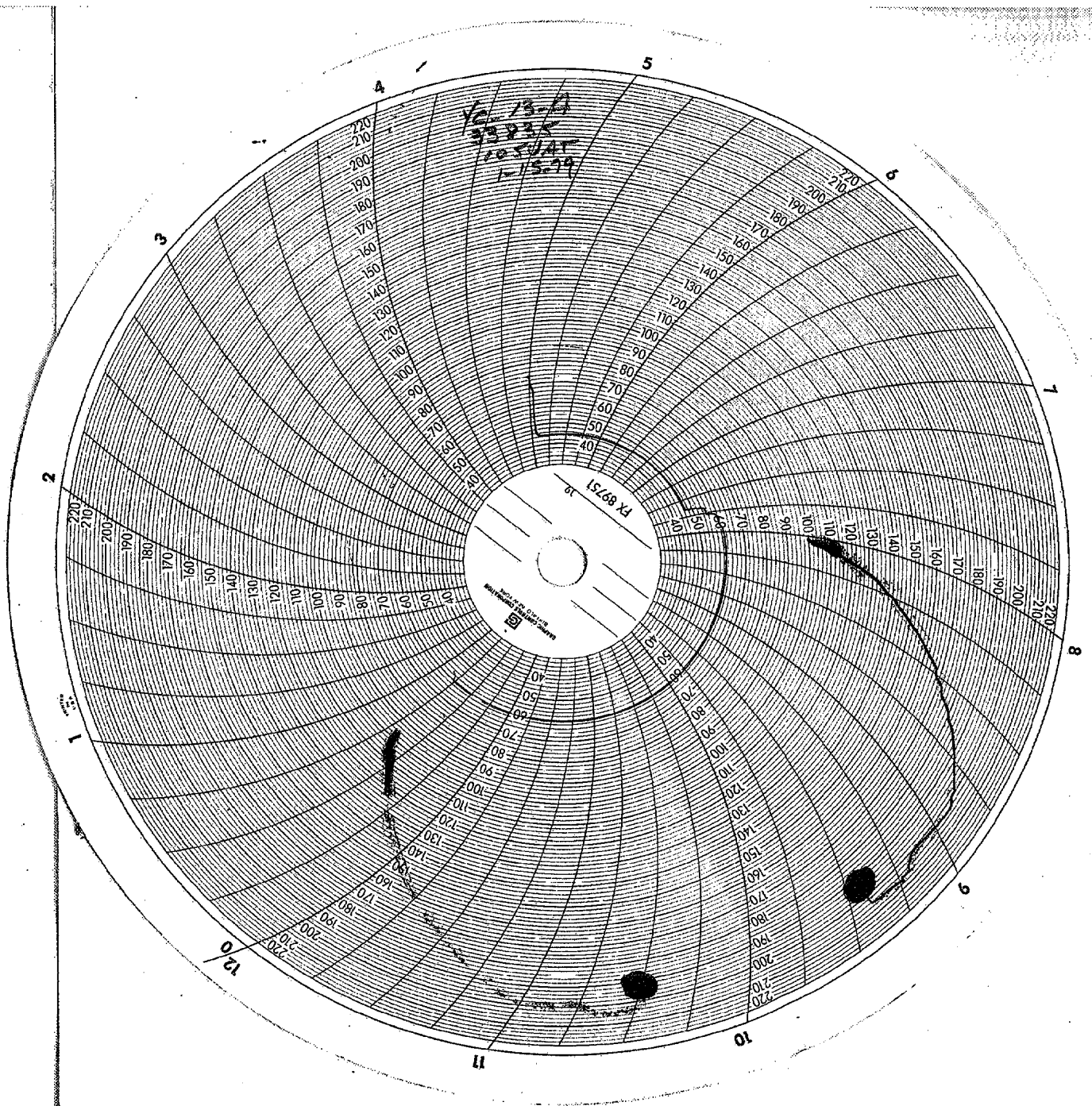
Done → CLEAN
 → EAST
 PRESS
 Run N-3 PRESS
 THRU B.O. V-300
 V-323

UIPMENT	NAME	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1 Obtain for S6		196-C	
	2 Obtain for S 22		46-C	
	3 Clean, dress, close 24" clarif press - 15 frames			
DV 2	4 Run 10" (923 G) water into V-300			
	5 Weigh in from V-324	M 1 .3176%	2025	28-D 693
	6 Dump in from S1	Lot #100% 96	196-C	1368
	SEE MARKED SHEET			
	7 Stir 10 min or longer to Wet			
	8 Add DV to 35 (1330 G) at 28-32 °F	11x330	57-A	5610
	9 Siphon in in 12-15 min	M 1 .3352%	1611	725-A 540
	10 Stir 30 min at 28-32°F Maintaining + CR, + KI for S 12			
	Record: Time start 12:00 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%		725-A	17
	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 11:18 AM, 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 (+)			
CV 5	15 Run 10" (970 G) water in to V-105 & install temp chart			
	16 Pour in	M 2 .4946%	1322	7-D 654
	17 Add to 46" (4109 G) at 66-70 °F	3x330	57-A	
	18 Close Stack Damper			
	19 Stir for S 22			

V-105

EQUIPMENT		PAGE 2 CG 46 CODE YT-820-D (D) EST. WGT. 3146 3146 LBS.			USE LBS.	N CODE	ACC LBS
DV 6	20	When S 14 stir complete, test DV & Record:					
		CR (+), KI (+), Temp: 31 28-32°F				57-A	
		Note: (1) If CR-, KI- add 20# "As Is" increments Assume 32 %				28-D	
		Record: CR (+), KI (+)					
CV 7		(2) If CR+, KI- add 20# "AS Is" increments Assume 33 %				725-A	
		Record: CR (+), KI (+)					
	21	Pump DV thru clarif press into V-323 Maintaining			2x330	57-A	140
		Temp at 28-32°F Record: Time start 1:00 PM Total min 16					
CV 7	22	Dump into CV from S 2 Lot # 100 %				46-C	1779
		92110 1200 986			1284		
		92370 400 939			428		
		92330 179 954			187		
DV 8	23	Stir 10 min to Dissolve					
	24	Open stack Damper					
	25	Run in under surface in 20-25 Min M			.7284%	1376	30-D 1002
	26	Stir 5 min & Record: pH 6.3 (5.8-6.3)					
Misc 9	27	If necessary, adj to pH 5.8-6.3 & Assume 50%				7-D	
		Record: pH (5.8-6.3) Assume 77%				30-D	
	28	When S21 Clarif complete wash DV (S4) lines, Pump & press					
		for 20 min or to A- CR test on a sample of total dress effluent,					
CV 10	29	whichever comes first, collect washings in DV (S 21)				57-A	
	30	Stir 5 min & record: Temp 32 (28-32°F) & of					
	31	If necessary, Adj to 28-32°F Record: ✓ of					
	32	Weigh in rubber bucket & wash into DV			18	395-D	18
Misc 9	33	Stir 5 min & Record: KI (-)					
	34	If necessary adj to - KI & Record: KI (-)				395-D	
	35	Record: Vol 34					
	36	Weigh in drums for S 41 M 2, 49.46%			784	7-D	388
CV 10	37	Dissolve in 20 gal water in Drum for S 43			58	979-A	58
	38	When S 33 complete, adj CV to 49" (4782 G) at 80-84 °F					
	39	Check accuracy: HT 86 °F & Recorder 86 °F					
	40	Immediately run in DV thru undersurface distributor in					
CV 10		60-65 min, Maintain CV at 80-84°F Record: Time start 5:30					
		Total min 65					
	41	Stir 10 min					
	42	Record: Diazo - (-) Base + (+), pH 4.4 (4.3-4.7)					
CV 10		Note: (1) If Diazo +, Base - & pH below 4.3, adj to					
		pH 4.3-4.7 Record: pH Assume 50%				7-D	
		(2) If Diazo +, Base- & pH above 4.3 add 8# 100% Assume 50%				7-D	
		N-7-D to A 55 gal drum. Adj with water to ± 25 gal.					
CV 10		Add 20# 100% N-46-C & stir to Dissolve. Pour in				46-C	
		CV & stir 10 min					
		(3) Repeat above as necessary to - diazo, + Base					
	43	Pour in N-7-D from S-34					
CV 10	44	Stir 5 min & Record: pH 6.5 (7.1-9.0) & Assume 50%			8	7-D	4
		If necessary, adj to pH 7.1-9.0 Record: pH 7.7 Assume 32%				28-D	
	45	Dump in N-979-A from S 35					
	46	Heat to 200-204°F in 58-62 min					
CV 10		Stir 30 min at 200-204°F Record: Time start 9 PM					
		Flood to 94" (9174 G) & stop agitator					
		Start Fin Opter					
		7:00 AM 3:00 PM 4:07					
CV 10		3 PM 9:10 PM 1:20					

788
228
10/12



Lot	100 #%	%	Net	N-196
259	182	51.2	355	
"	183	51.6	355	
"	185	52.2	355	
"	182	51.2	355	
"	176	49.6	355	
"	183	51.6	355	
"	188	53.0	355	
"	89	53.6	355	
			166	

TOTAL 1368