

c.v. 105, 106

MAKING INSTRUCTIONS: BATCH UNIT

D.V. 800 (315) 317, 322, 323

46 CODE YT-808-D PKG.

DEC 30 33555

T. WGT. 2573 LBS.

O. MRS. TIME 7 A M

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

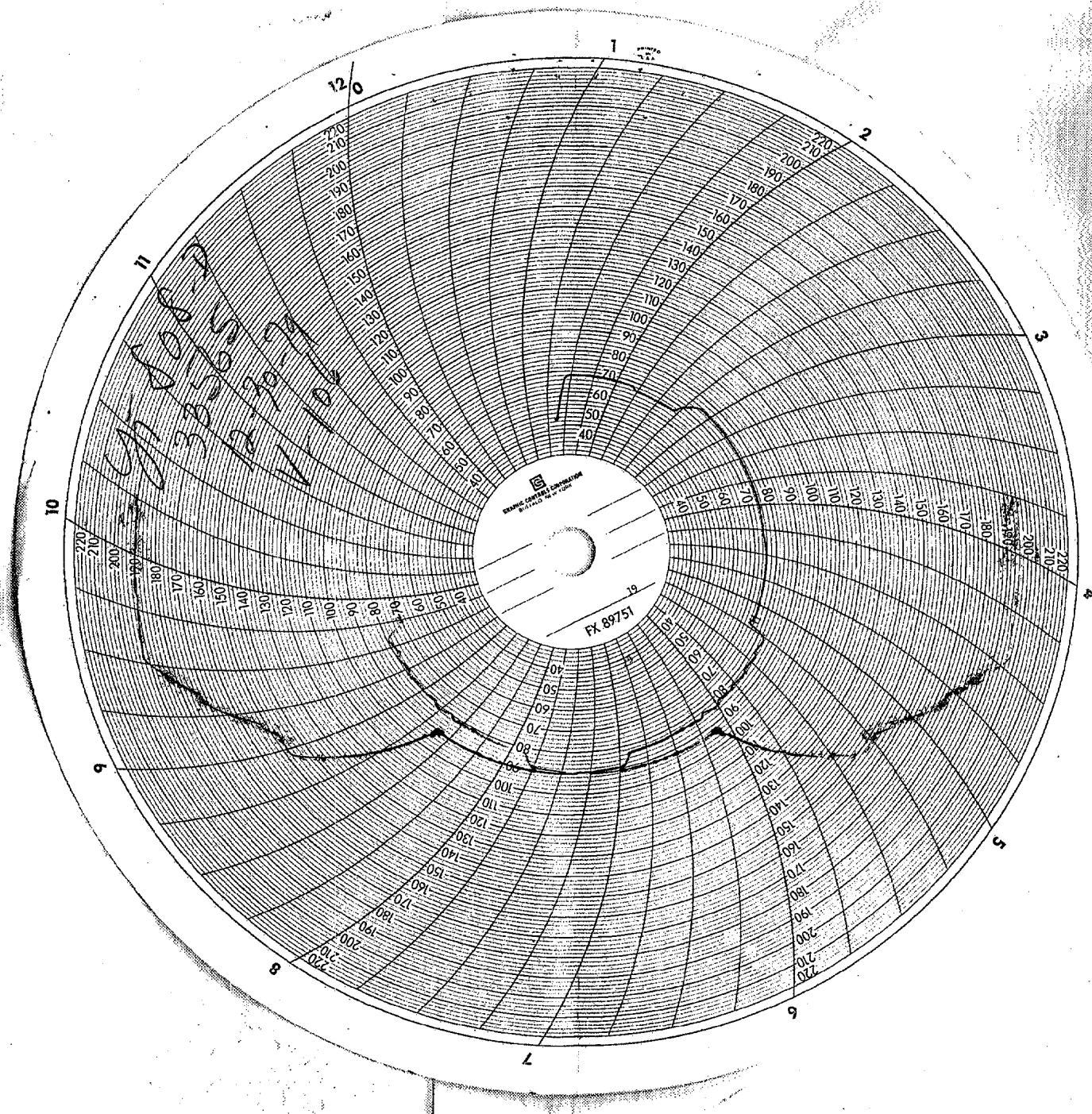
Do Not USE N-157-602

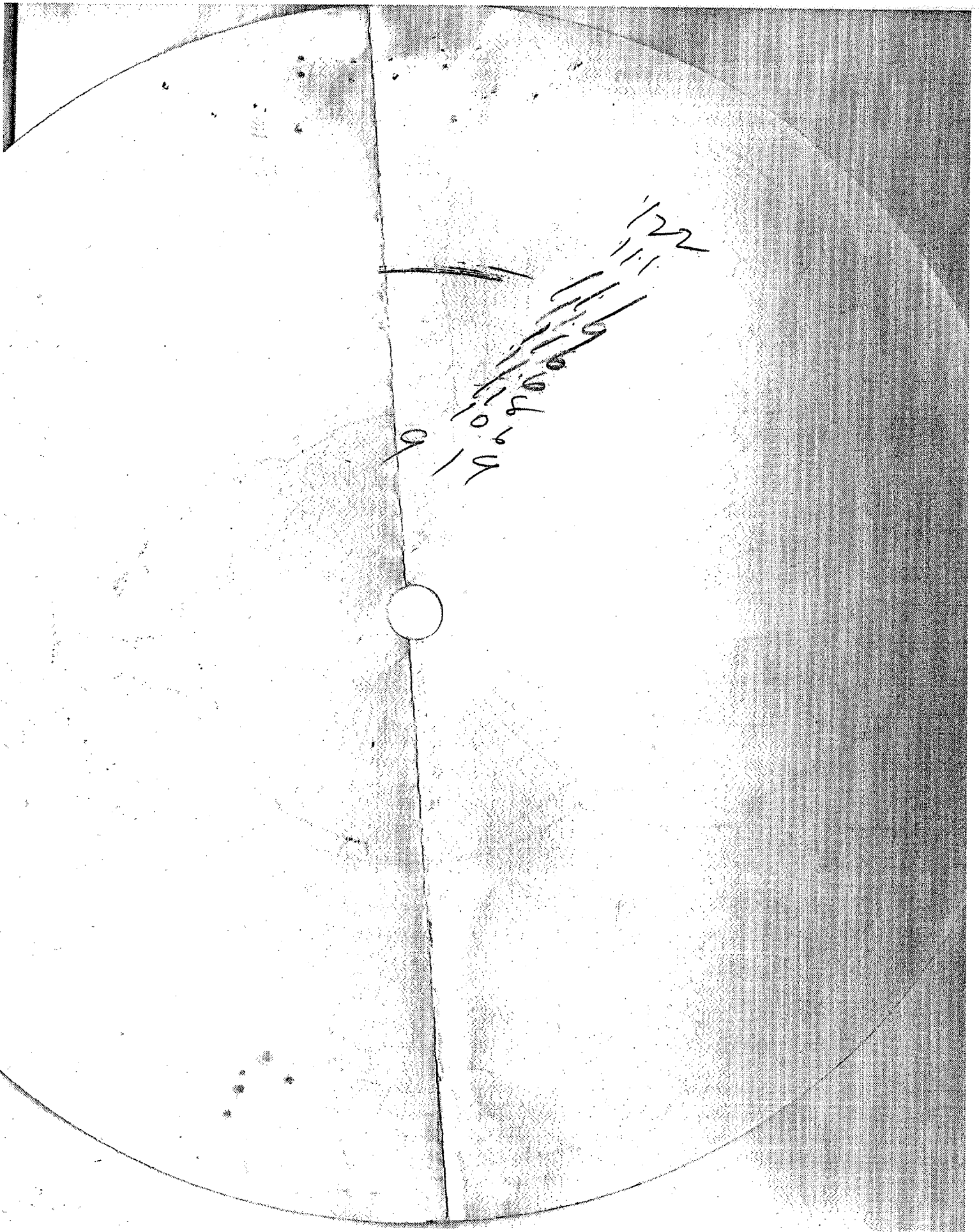
NON-BLEEDING

SHIPMENT	NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1 Obtain for S 6 Do NOT USE LOT 2		157-C	
	2 Obtain for S 22		46-C	
	3 Clean, dress, close 24" clarif press 15 frames EAST			
DV 2	4 Run 10" (323 G) water into V- 300			
	5 Weigh in from V-324 M 7 .31.42%	1677	28-D	527
	6 Dump & rinse in drums from S 1		157-C	1120
	LOT # 100%			
	100 119 59.4 200			
	160 121 60.8 200			
	160 111 50.4 200			
	160 116 57.1 200			
	160 112 56.2 200			
	160 116 58.2 200			
	160 111 55.4 200			
	160 106 52.8 200			
	160 148 58.8 200			
	160 148 56.6 157			
	7 Stir 10 min or longer to wet			
	8 Add to 43" (1470 G) at 28-32°F			
	9 Siphon in in 12-15 min M 17 .33.34%	10 x 330 1760	57-A 725-A	420
	10 Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
	Record: Time Start 7 A, 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%			
	Record: CR (+), KI (+)			
Misc 3	11 Slurry in 40 gal water in drum & precoat clarif press with	5	777-A	5
JV 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 7 A, CR + (+), KI + (+)			
	Note:			
	(1) If CR -, KI -, add 20# "as is" increments Assume 32%		28-A	
	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	VT-808-D	Alt EST. WGT.	25.73	LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 5	15	Run 10" (970 G) water into V-106	& install temp/chart							
	16	Pour in	M	17	.49.74 %			1086	7-D	536
	17	Add to 40" (3904 G) at 66-70°F						3 x 330	57-A	
	18	Close stack damper								
	19	Stir for S 22								
DV 6	20	When 14 stir complete, test DV, &								
		Record: CR (+), KI (+), Temp: 30 (28-32°F)							57-A	
		Note:								
		(1) If CR-, KI-, add 20# "as is" increments	Assume 32%						28-A	
		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-815 maintaining temp						3 x 330	57-A	990
		at 28-32°F Record: Time Start 315 Total Min 170								
CV 7	22	Dump into CV from S 2	91 LOT	# 100%	9.58	8.36	46-C	1455		
		Note: Break up lumps	91430	200	93.6	214				
			91230	200	91.4	207				
			91900	255	91.6	280				
	23	Stir 10 min to dissolve								
	24	Open stack damper								
	25	Run in undersurface in 20.25 min	M	16	.73.76 %	1118	30-D	820		
	26	Stir 5 min & Record: pH 5.9 (5.8-6.3)								
	27	If necessary, adj to pH 5.8-6.3 &							7-D	
		Record: pH (5.8-6.3)							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 of total press								
		effluent whichever comes first. Collect washings in DV (S 21)								
		Record: Time Start 5.15, CR 2+ (- or +)								
	29	Stir 5 min & Record: Temp 30 (28-32°F) &							57-A	
		if necessary, adj to 28-32°F. Record: °F								
	30	Weigh in rubber bucket & wash into DV				20	395-D	20		
	31	Stir 5 min & Record: KI - (-)								
	32	If necessary, adj to -KI & Record: KI (-)							395-D	
	33	Record: DVS 6 "								
Misc 9	34	Weigh in drums for S 41	M	17	.49.74 %	689	7-D	340		
	35	Dissolve in 20 gal water in drum for S 43				70	979-A	670		
CV 10	36	When S 33 complete, adj DV to 48" (4685 G) at 80-84°F								
	37	Check accuracy: HT 8.7 °F & Recorder 8.7 °F								
	38	Immediately run in DV thru undersurface distributor in								
		60-65 min. Maintain DV at 80-84°F								
		Record: Time Start 1.10 Total Min 60								
	39	When S 38 complete, stir 10 min								

EQUIPMENT	PAGE 3	CG 46	CODE N7-808-D	Alt. EST. WGT. 2573	LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 10 int'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 $\pm$ 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 5.7 (8.0-8.5) & if necessary		Assume 50%		110	7-D	55
		adj to pH 8.0-8.5. Record: pH 8.5		Assume 32%		5	28-D	2
	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 9.40 AM				
	46	Flood to 94" (9174 G) & stop agitator						
		START	7 PM	OPTR				
		7.00 AM	10.30 AM	120				
				145				





DUP050293293