

c. 105, 106

MAKING INSTRUCTIONS: BATCH UNIT
D.V. 300, 315, 317, 322, 323

46 CODE YT-808-D PKO.

MAR 31 35188

PUNCHED & CHECKED

ST. WGT. 2238 LBS.

APR 1 1980

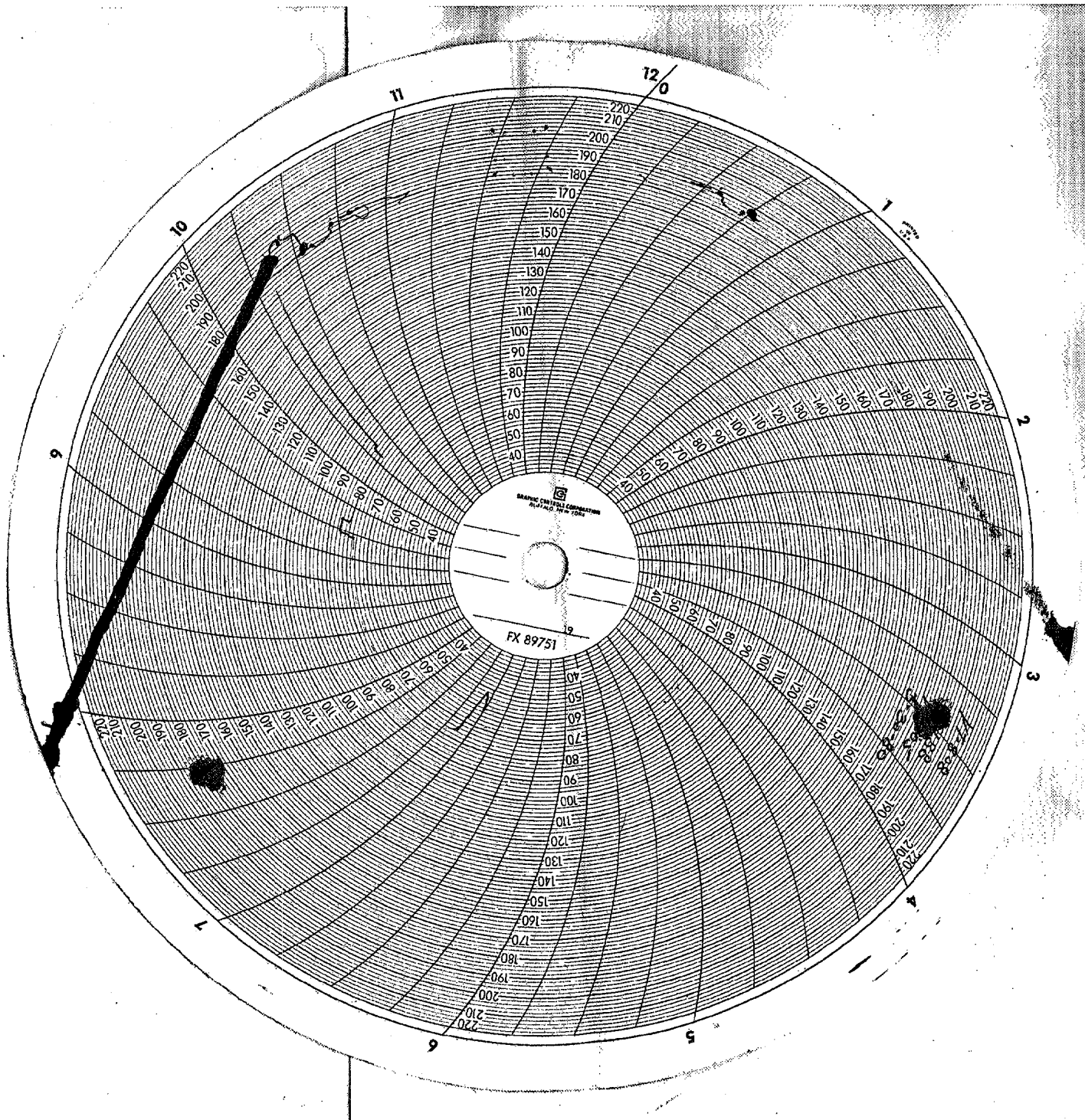
TD. HRS. TIME 7A M

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		

NON-BLEEDING

INT	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	Weigh in from V-324 M 7 31.05 % 1475		28-D	458
6	Dump & rinse in drums from ST		157-C	974
	LOT # 100% %			
	196 102 62.0 165			
	196 114 69.2 165			
	184 104 52.0 200			
	184 98 49.2 200			
	184 115 57.4 200			
	186 125 58.0 215			
	186 123 57.0 215			
	186 121 56.2 215			
	184 72 57.2 126			
7	Stir 10 min or longer to wet			
8	Adj to 33" (1155 G) at 28-32°F	14 10x330	57-A	4620
9	Siphon in 12-15 min M 3 33.46 % 1213		725-A	405
10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
	RECORD: Time Start 3:45 P 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 6:15 P 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 (+)			
	Bouled mt V106		1526	25
			70	100

QUIPMENT	PAGE	2	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-	& install temp chart					
		16	Pour	in			M 3	48.04	%	970	7-D	466
		17	Adj	to	40"	(3904 G)	at 66-70°F			3 x 330	57-A	
		18	Close	stack	dampers							
		19	Stir	for	S	22						
DV	6	20	When	S	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-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		2 x 330	57-A	660
			temp	at	28-32°F	RECORD:	Time Start 6:45	Total Min 90				
CV	7	22	Dump	into	CV	from	S 2	LOT #100%	%		46-C	1265
			NOTE:	BREAK	UP	LUMPS	00350	600	93.8	689		
							00550	400	96.9	412		
							00460	200	93.2	215		
							ENSTMAN	65		65		
		23	Stir	10	min	to	dissolve					
		24	Open	stack	dampers							
		25	Run	in	undersurface	in	20-25 min	M 5	79.22	% 974	30-D	713
		26	Stir	5	min	& Record:	pH 6.1 (5.8-6.3)					
		27	If	necessary,	adj	to	pH 5.8-6.3 and	Assume 50%			7-D	
			RECORD:	pH	(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	CR	- (- or +)					
		29	Stir	5	min	& Record:	Temp 30 (28-32°F) & if necessary,				57-A	
			adj	to	28-32°F.	RECORD:	°F					
		30	Wash	in	rubber	bucket	& wash DV					
		31	Stir	5	min	& Record:	KI (+)					
		32	If	necessary,	adj	to	KI & Record: KI					
		33	RECORD:	DV	48	"						
MISC	9	34	Weigh	in	drums	for	S 41	M 3	48.04	% 616	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	81	°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 9:30	Total	Min 65					
		39	When	S	38	complete,	stir 10 min					



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