JAN 18 1980

V. C.V. 105, 106

MAKING INSTRUCTIONS: BATCH UNIT

D.V. 300, 315, 317, 322, 323

CG 46 CODE YT-820-D PKG.

JAN 21 33950

EST. WGT. ~~27~~ 3146 LBS.

STD. HRS. 8.8 TIME 7A M #304

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

B.O VAT 323 / DOME RUN-500A-ASH SOL. THRU PRESS EAST / DOME #269

NOTE N 196-GLUEY 2 MEN TO REMOVE FROM DRUMS.

SHIPMENT		NAME: "DALAMAR" YELLOW - R	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" (~~3236~~) water into V- 300			
	5	Weigh in from V-324 M 1 , 31.76 %	2025	28-D	643
	6	Dump in from S1 Lot #100% e/o	226	196-C	1368
	7	Stir ~~10~~ min or longer to Wet			
	8	Add BV to 33" (1155 G) at 28-32 °F 19	11x330	57-A	3620
	9	Siphon in in 12-16 min M 1 , 33.52 %	1611	725-A	540
	10	Stir 30 min at 28-32°F Maintaining + CR, + KI for S 12			
		Record: Time start 720 , 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 (+)			
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 8 , 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- 106 & install temp chart			
	16	Pour in M 2 , 49.46 %	1322	7-D	654
	17	Add to 40" (3880 G) at 66-70 °F	3x330	57-A	
	18	Close Stack Damper			
	19	Stir for S 22			

Delayed Repump V106 Chute

UIPMENT		PAGE 2 CO 46 CODE YT-820-D (D) EST. WGT. 2738 3146 LBS.	USE LBS.	N CODE	ACCT. LBS.
DV 6	20	When S 14 stir complete, test DV & Record:			
		CR + (+), KI + (+), Temp: 32 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- 323 Maintaining	2x330	57-A	660
		Temp at 28-32°F Record: Time start 520 Total min 200			
CV 7	22	Dump into CV from S 2 Lot # 100 % %		46-C	15179
		1 92280 2100 91.0	718		
		2 92290 199 91.8	194		
		3 92070 600 92.6	645		
		4 92280 600 94.2	858		
	23	Stir 10 min to Dissolve			
	24	Open stack Damper			
	25	Run in under surface in 20-25 Min M , 72.84 %	1376	30-D	1002
	26	Stir 5 min & Record: pH 5.4 (5.8-6.3)			
	27	If necessary, adj to pH 5.8-6.3 & Assume 50%	100	7-D	50
		Record: pH 6.0 (5.8-6.3) Assume 77%		30-D	
DV 8	28	When S21 Clarif complete wash DV (S4) lines, Pump & press			
		for 20 min or to A- CR test on a sample of tatal dress effluent,			
		whichever comes first, collect washings in DV (S 21)			
	29	Stir 5 min & record: Temp 32 (28-32°F) &	1	54-A	330
		If necessary, Adj to 28-32°F Record: °F			
	30	~~Weigh in rubber bucket & wash into DV~~			
	31	~~Stir 5 min & Record: KI (+)~~			
	32	~~If necess. wash into DV & Record: KI (+)~~			
	33	Record: Vol 5'			
Use 9	34	Weigh in drums for S 41 M , 49.46 %	784	7-D	388
	35	Dissolve in 20 gal water in Drum for S 43	50	979-A	50
CV 10	36	When S 33 complete, adj CV to 43" (4197 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 1120			
		Total min 65			
	39	Stir 10 min			
	40	Record: Diazo — (-) Base + (+), pH 4.35 (4.3-4.7)			
		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.			
		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			
	41	Pour in N-7-D from S-34			
	42	Stir 5 min & Record: pH 5.6 (7.1-9.0) & 6.7 Assume 50%	120	7-D	60
		If necessary, adj to pH 7.1-9.0 Record: pH 8.1 Assume 32%		28-D	
	43	Dump in N-979-A from S 35			
	44	Heat to 200-204°F in 58-62 min			
	45	Stir 30 min at 200-204°F Record: Time start 210			
	46	Flood to 94" (9174 G) & stop agitator			
		Start Fin Uptr			
		700A 300P 259-359			
		730 250 120			

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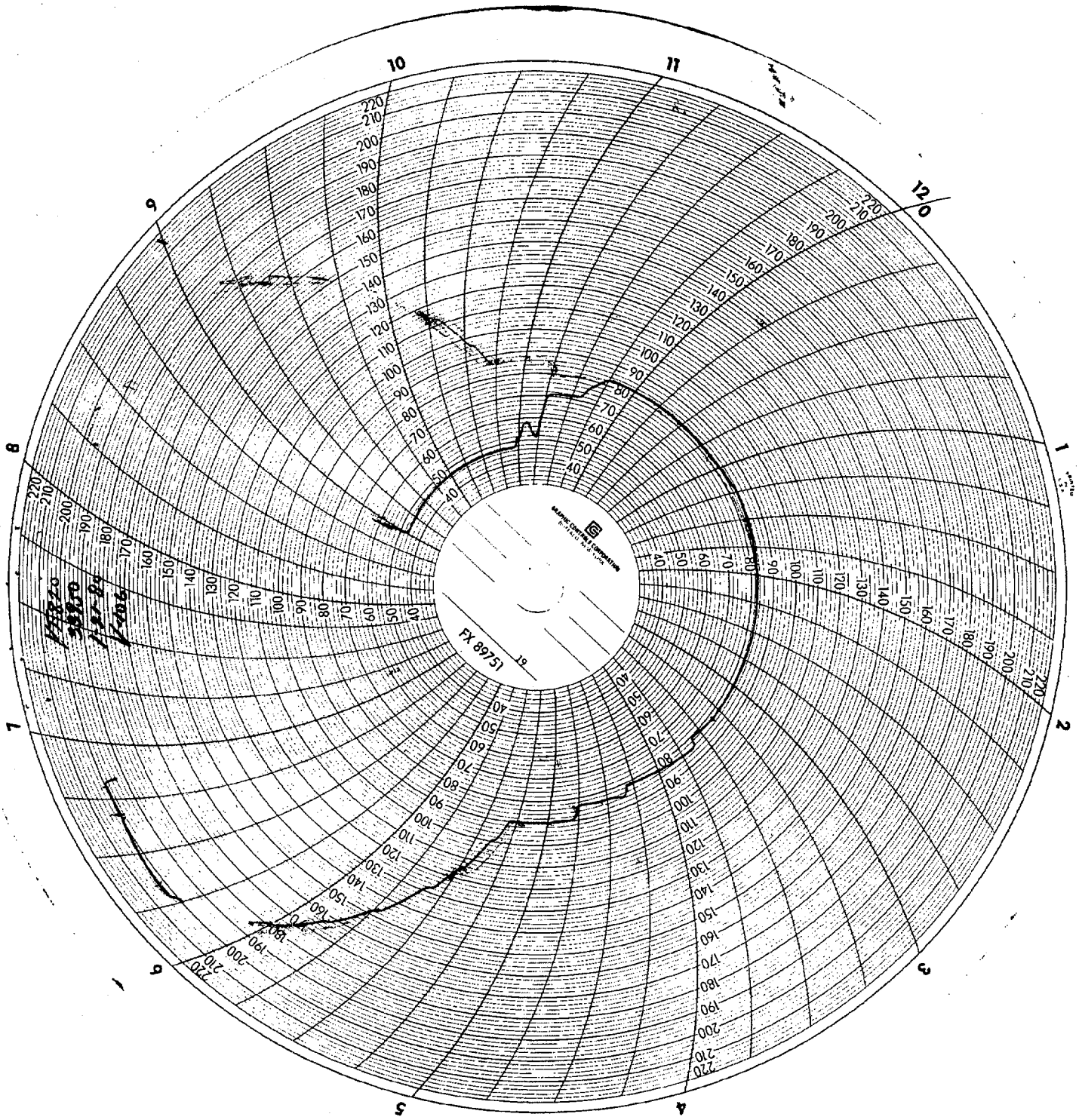

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