S.V. C.V. (105), 106

MARKING INSTRUCTIONS: BATCH / UNIT

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

CG 46 CODE YC-5-A PKG.

→ OCT -6 80 37366

EST. WGT. 2131 LBS.

STD. HRS. 8.4 TIME 1169 M

PROCESSES		APPROVED BY
(D) YC-5-A	( )	EWK 9/23/76
( ) ALTERNATE	( )	DCG10/ 6/76
( )	( )	MTW10/11/76
( )	( )	
TYPED BY		
NE 3/5/77		

-BLEEDING

EQUIPMENT		NAME: "DALAMAR" YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1	Obtain for S 6		157-C	
	2	Obtain for S 23		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 , 31.62 %	1395	28-D	441
	6	Dump & rinse in drums from S1		157-C	938
		Lot # 100% %			
		303 143 81.8	175		
		" 142 81.4	175		
		" 144 82.0	175		
		300 139 79.6	175		
		302 140 80.0	175		
		307 140 80.0	175		
		251 90 62.4	134		
	7	Stir 10 min or longer to wet			
	8	Adj DV to 37" (1295 G) at 28-32 °F 25	10x330	57-A	820
	9	Siphon in in 12-15 min M 11 , 33.21 %	1265	725-A	~~955~~ 420
	10	Stir 30 min at 28-32°F maintiting + CR; + KI for S13			
		Record: Time start 11 Am , CR + KI + .			
		Note: (1) CR-, KI - Add 20#"As is" increments Assume 32%		28-D	
		Record: CR (+); KI (+)			
		(2) if CR +, KI - Add20# "As is" increments, Assume 33%		725-A	
		Record: CR (+), KI (+)			
Misc 3	11	Slurry in 50 gal water in drum & precoat clarif press with	5	777-A	5
	12	Slurry in 20 gal water in drum for S 20	82	39-A	82
DV 4	13	When S 10 stir complete, dumpin	10	777-A	10
	14	Dumpin	15	113-A	15
	15	Stir 30 min at 28-32°F maintaing +CR; + KI for S21			
		Record: time start 1135 ; CR + KI +		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 (+)			

13129 REV.

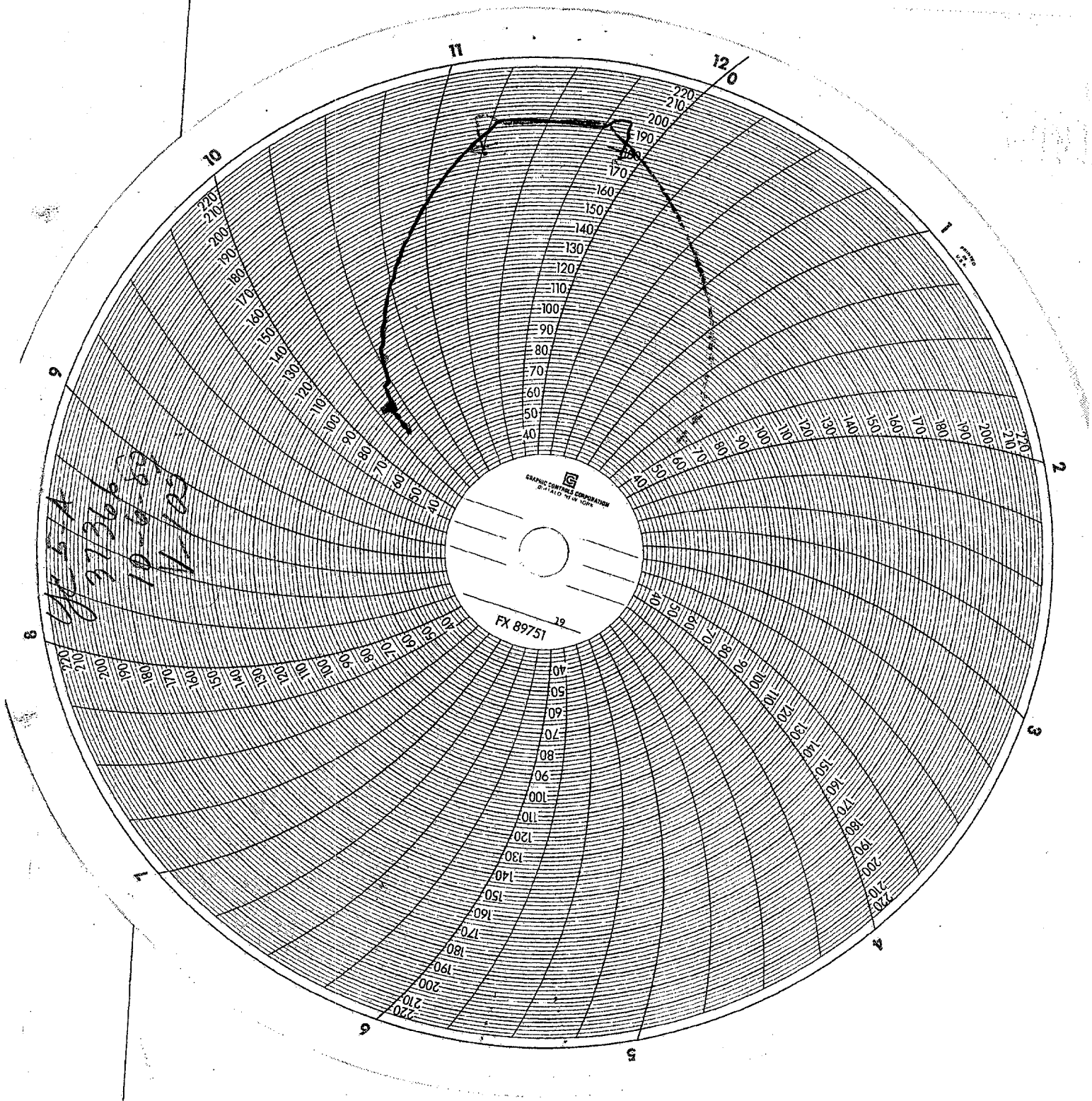
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EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-5-A ALT EST. WGT. 2131 LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 5	16	Run 10" (970 G) water into V- 10 & install temp chart			
105.	17	Pour in M 11 , 49.64%	900	7-D	447
	18	Adj to 37" (3611 G) at 66-70 °F	8x330	57-A	1320
	19	Close stack Damper			
	20	Pour in N-39-A slurry from S 12 & Stir for S 23			
DV 6	21	When 15 stir complete test DV & Record: CR + (+); KI + (+); Temp 30 28-32°F			
32 4/10 13		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 (+)			
	22	Pump DV thru clarif press into V- 12.5 maintaining	2x330	57-A	660
		Temp at 28-32°F Record: time start 2:10 Total min 80			
CV 7	23	Dump into CV from S2 Lot #100 % %		46-C	1240
		Note: break up lumps 01100 1000 93.4	1070		
		01250 200 93.6	207		
		01370 65 96.2	68		
	24	Stir 10 min to dissolve			
	25	Open stack Damper			
	26	Runnin undersurface in 20-25 min M 10 , 79.23 %	865	30-D	685
	27	Stir 5 min & Record: pH 6.3 (5.8-6.3)			
	28	If necessary adj to pH 5.8-6.3 & Assume 50%		7-D	
		Record: pH (5.8-6.3) Assume 77%		30-D	
DV 8	29	When S 22 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 22)			
		Record: time start 1:30 CR + (- or +)			
	30	Stir 5 min & record: Temp 30 (28-32°F) &		57-A	
		if necessary adj to 28-32°F. Record: °F			
	31	Record: Vol 53 "			
CV 9	32	When S 31 complete, adj CV to 44" (4268 G) at 80 - 84°F			
	33	Check accuracy: HT 83 °F & Recorder 83 °F			
	34	Immediately run in DV thru undersurface distributor in 60-65 min, maintain CV at 80-84°F 2:10 PM Record: Time start 2:10 PM Total Min 63			
	35	Stir 10 min			
	36	Record: Daizo - (-) Base + (+) pH 4.3 (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. Pourin		46-C	
		CV & stir 10 min			
		(3) Repeat above AS necessary to - diazo, + Base			
	37	Heat to 190-194°F in 58-62 min			
	38	Stir 30 min at 190-194°F Record: Time Start 4:30 PM			
	39	Flood to 94" (9174 G) & stop Agitator			
	40	RECORD: TEMP 124 °F			
		START FIN OPTR			
		7 5			
		3:00 PM 5:15 PM 144			

K 13830 REV.

DUP050108189



DUP050108190