CG 46 CODE YC-11-A PKG. _____

NOV - 4 80 37702

EST. WGT. 2238 LBS.

STD. HRS. _____ TIME 9P M

PROCESSES		APPROVED BY
(D) YC-11-A	( )	EWK 9-27-77
( ) ALTERNATE	( )	BBK 10-17-77
( )	( )	DCG 11-29-77
( )	( )	MTW 12-1-77
TYPED BY		
JJC 12-8-77		

PUNCHED & CHECKED

EAST-PRESS NOV - 7 1980

NON-BLEEDING

JIPMENT		NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1	Obtain for S 6		157-C	
	2	Obtain for S 22		46-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
DV 2	4	Run 10" (323 G) water into V- 300			
	5	Weigh in from V-324 M 10 , 31.35 %	1461	28-D	458
	6	Dump & rinse in drums from S 1		157-C	974
		LOT # 100% %			
		253 144 71.8	200		
		253 143 71.0	200		
		253 143 71.6	200		
		253 145 72.6	200		
		253 144 71.8	200		
		253 145 72.6	200		
		253 111 71.4	155		
	7	Stir 10 min or longer to wet			
	8	Adj to 33" (1155 G) at 28-32°F	10 x 330	57-A	3300
	9	Siphon in in 12-15 min M 12 , 33.16 %	1171	725-A	~~105~~ 395
	10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
		Record: Time Start 5:50 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
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 5:50 , 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 (+)			

JW

3829 REV.

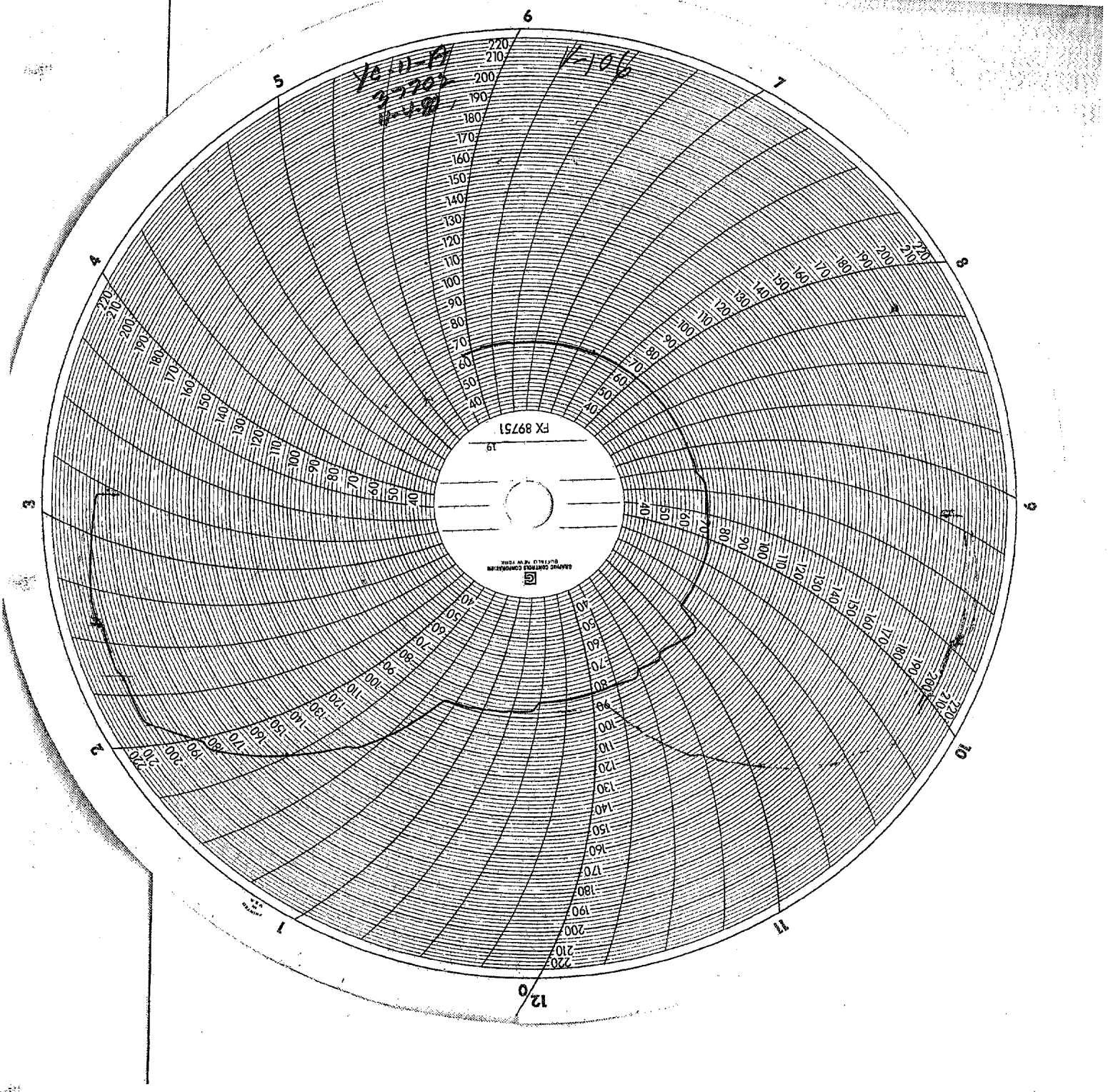
N35213

EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt EST. GT. 2238# LBS.	USE LBS.	N CODE	ACC LBS
CV 5	15	Run 10" (970 G) water into V-106, install temp chart			
	16	Pour in %	466	721-D	466
	17	Adj to 40" (3904 G) at 66-70°F 5	2 x 330	57-A	1650
	18	Close stack damper			
	19	Stir for S 22			
DV 6	20	When 14 stir complete, test DV & Record: CR + (+), KI + (+) Temp 29 (28-32°F)		57-A	
		Note:			
		(1) If CR-, KI-, add 20# "as is" increments Assume 32% Record: CR (+), KI (+)		28-A	
		(2) If CR+, KI-, add 20# "as is" increments Assume 33% Record: CR (+), KI (+)		725-A	
	21	Pump DV thru clarif press into V-315 maintaining temp at 28-32°F Record: Time Start 6:30 AM Total Min 45	2 x 330	57-A	660
CV 7	22	Dump into CV from S 2 LOT # 100% % Note: Break up lumps 01560 800 95.2 01480 465 97.0		46-C	1265
	23	Stir 10 min to dissolve			
	24	Open stack damper			
	25	Run in undersurface in 20-25 min M 11 , 7663 %	730	30-D	713
	26	Stir 5 min & Record: pH 6.0 (5.8-6.3)			
	27	If necessary, adj to pH 5.8-6.3 & ~~Assume 50%~~ Record: pH (5.8-6.3) Assume 77%	+	721-D 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 8:30 AM, CR — (- or +)			
	29	Stir 5 min & Record: Temp 30 (28-32°F) & if necessary, adj to 28-32°F. Record: 30 °F		57-A	
	30	Weigh in rubber bucket & wash into DV	10	395-D	10
	31	Stir 5 min & Record: KI + (-)			
	32	If necessary, adj to -KI & Record: KI — (-)	40	395-D	40
	33	Record: DV 57 "			
Misc 9	34	Weigh in drums for S 41 M %	296	721-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 82 °F & Recorder 84 °F			
	38	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F Record: Time Start 10:50 AM Total Min 65			
	39	When S 38 complete, stir 10 min			

EQUIPMENT		PAGE 3 CG 46 CODE (D)YC-11-A Alt. EST. WGT. 2238 LBS.	USE LBS.	N CODE	ACC LBS
CV 10 Cont'd	40	Record: Diazo — (-), Base + (+), pH 4.4 (4.3-4.7)			
		Note:			
		(1) If Diazo +, Base -, and pH below 4.3:			
		(a) adj to pH 4.3-4.7 ~~Assume 50%~~	✓	721-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	✓	721-D	
		(b) adj with water to ± 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 5.3 (8.0-8.5) & if necessary ~~Assume 50%~~	90	721-D	90
		adj to pH 8.0-8.5. Record: pH 8.5 Assume 32%		28-D	
✓	43	Dump in N-979-A from S 35			
✓	44	Heat to 200-204°F in 58-62 min HT: 202°F - REC. 204°F			
✓	45	Stir 60 min at 200-204°F. Record: Time Start 2:10 Pm			
✓	46	Flood to 94" (9174 G) & stop agitator			

START	FIN	OPTR
2:30 PM	3:10 PM	32
7:Pm	3:Pm	225
3:P.M	3:15 P.M	54

DUP050108164



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