C.V. 105, 106 D.V. 300, 315 317, 322, 323

CG 46 CODE YC-11-A PKG.

→ SEP·29·80 37257

EST. WGT. 2238 LBS.

STD. HRS. TIME 7H 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		

EAST-PRESS

NON-BLEEDING

PMENT		NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
rep 1	1	Obtain for S 6		157-C	
	2	Obtain for S 22		46-C	
	3	Clean, dress, close 24" clarif press - 15 frames			
V 2	4	Run 10" (323 G) water into V- 300			
	5	Weigh in from V-324 M 7 , 31.62 %	1448	28-D	458
	6	Dump & rinse in drums from S 1		157-C	974
		LOT # 100% %			
		251 128 69.3	185		
		251 127 68.4	185		
		251 126 68.2	185		
		251 127 68.4	185		
		251 127 68.4	185		
		251 119 64.0	185		
		226 160 72.8	220		
		251 61 66.6	92		
	7	Stir 10 min or longer to wet	16		
	8	Adj to 33" (1155 G) at 28-32°F	10 x 330	57-A	5280
	9	Siphon in in 12-15 min M 11 , 32.2 %	1185	725-A	325
	10	Stir 30 min at 28-32°F maintaining + CR, + KI for S 12			
		Record: Time Start 8:45 AM 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
V 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 9:50 AM 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 (+)			

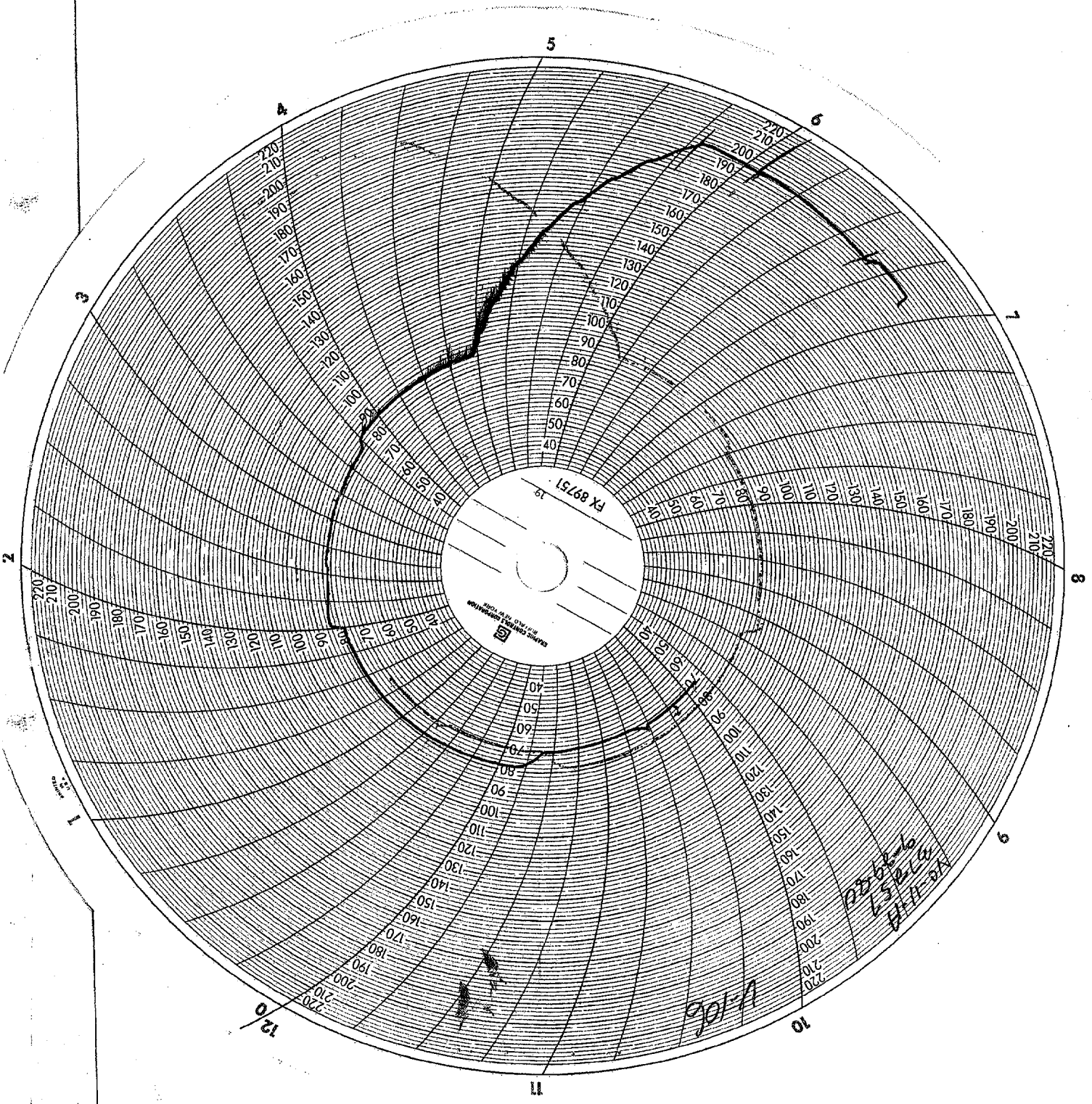
REV.

N35220

EQUIPMENT		PAGE 2 CG 46 CODE (D)YC-11-A Alt EST. WGT. 2238 LBS.	USE LBS.	N CODE	ACI LB
CV 5	~~15~~	~~Run~~ 10" (970 G) water into V-106 & install temp chart	937		
	~~16~~	~~Pour~~ in M 11 , 49.64 %		7-D	466
	~~17~~	~~Adj~~ to 40" (3904 G) at 66-70°F	3 x 330	57-A	990
	~~18~~	Close stack damper			
	~~19~~	Stir for S 22			
DV 6	~~20~~	When 14 stir complete, test DV &			
		Record: CR + (+), KI + (+), Temp: 28 (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-315 maintaining temp	2 x 330	57-A	660
		at 28-32°F Record: Time Start 10:25AM Total Min 105			
CV 7	~~22~~	Dump into CV from S 2 LOT # 100% %		46-C	126
		Note: Break up lumps 01500 300 96.6	207		
		01250 800 96.6	824		
		01330 200 93.4	214		
		01410 65 90.8	69		
	~~23~~	Stir 10 min to dissolve			
	~~24~~	Open stack damper			
	~~25~~	Run in undersurface in 20-25 min M 10 , 79.23 %	900	30-D	713
	~~26~~	Stir 5 min & Record: pH 5.7 (5.8-6.3)			
	~~27~~	If necessary, adj to pH 5.8-6.3 & Assume 50%	40	7-D	20
		Record: pH 5.9 (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 of total press			
		effluent whichever comes first. Collect washings in DV (S 21)			
		Record: Time Start 12:45PM CR — (- 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	10	395-D	10
	~~31~~	Stir 5 min & Record: KI + (-)			
	~~32~~	If necessary, adj to -KI & Record: KI — (-)	10	395-D	10
	~~33~~	Record: DV 53 "			
Misc 9	34	Weigh in drums for S 41 M 11 , 49.64 %	576	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 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 1:40 Total Min 60			
	~~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	AC LI
CV 10 Cont'd	40	Record: Diazo — (-), Base + (+), pH 4.2 (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 ± 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 7.3 (8.0-8.5) & if necessary Assume 50%	4	7-D	2
		adj to pH 8.0-8.5. 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 60 min at 200-204°F. Record: Time Start 5:25 P.M.			
	46	Flood to 94" (9174 G) & stop agitator			

START	FIN	OPTR
3:00 P.M	6:46 P.M	381



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