S.V. C.V. (100,) 106, 260 D.V. 300, 315, 317 (322) 323

CG 36 CODE RT-443-D PKG. _____

→ JAN18 33886

EST. WGT. 1334 LBS.

STD. HRS. 5.0 TIME 3P M

PROCESSES	APPROVED BY
( ) RT-443-D (0)	JJG 05-20-77
( ) ( )	DCG 05-20-77
( ) ( )	MTW 06-06-77
( ) ( )	
TYPED BY emw061777	

NON-BLEEDING

EQUIPMENT		NAME: DUOL® CARMINE	USE LBS.	N CODE	ACCT. LBS.
Prep 1	~~1~~	Obtain for S 12		82-C	
	2	Obtain for S 24		549-C	
313 2	~~3~~	Run 29" (431 G) water into V-313 & adj to 80-100°F			
	~~4~~	Add in 8-9 min	400	530-A	400
	~~5~~	Stir 5 min & Record: pH 10.1 (9.5-10.5)			
	~~6~~	Stir 20 min or longer to dissolve for S 20			
314 3	~~7~~	Run 15" (112 G) water into V-314 (only) & heat to 170°F			
	~~8~~	Dump in	192	542-A	192
	~~9~~	Dissolve in 10 G water at 140-150°F in drum & pour in	50	979-A	50
	~~10~~	Stir 30 min or longer to smooth white slurry for S 15			
330 4	~~11~~	Run 60" (1176 G) water into V-330			
	~~12~~	Dump in from S 1 Lot: 3597 / 3599 / 3839	316 / 75 / 33	82-C	424
	~~13~~	Stir 30 min or longer to smooth slurry for S 16			
CV 5	~~14~~	Run 18" (1788 G) water into CV, install temp chart & turn on agitator			
		NOTE: When V-260 used, set agitation at 16 RPM			
	~~15~~	Run in V-314 from S 10 thru screen			
	~~16~~	Run in V-330 from S 13			
	~~17~~	Heat to 70-80°F			
	~~18~~	Adj to 42" (4117 G) & stir 5 min			
	~~19~~	Record: pH 11.5 (10.5-11.5) & if necessary adj to pH 11.0-11.5 Record: pH Assume 50%		7-D	
		Assume 32%		28-D	
	~~20~~	Run in V-313 from S 6			
	~~21~~	Pour in & stir for S 31 Assume 50%	84	7-D	42
DV 6	~~22~~	Run 10" (338 G) water into V-322			
	~~23~~	Slurry with 35 G water in drum using lightning mixer & pour in thru screen	105	542-A	105
	~~24~~	Dump in from S 2 Lot: 774 / 706; 100%: 296 / 104; %: 98.63 / 98.5	300 / 106	549-C	400
	25	Weigh on postal scale & add			
	~~26~~	Heat to 75-80°F			

13829 REV.

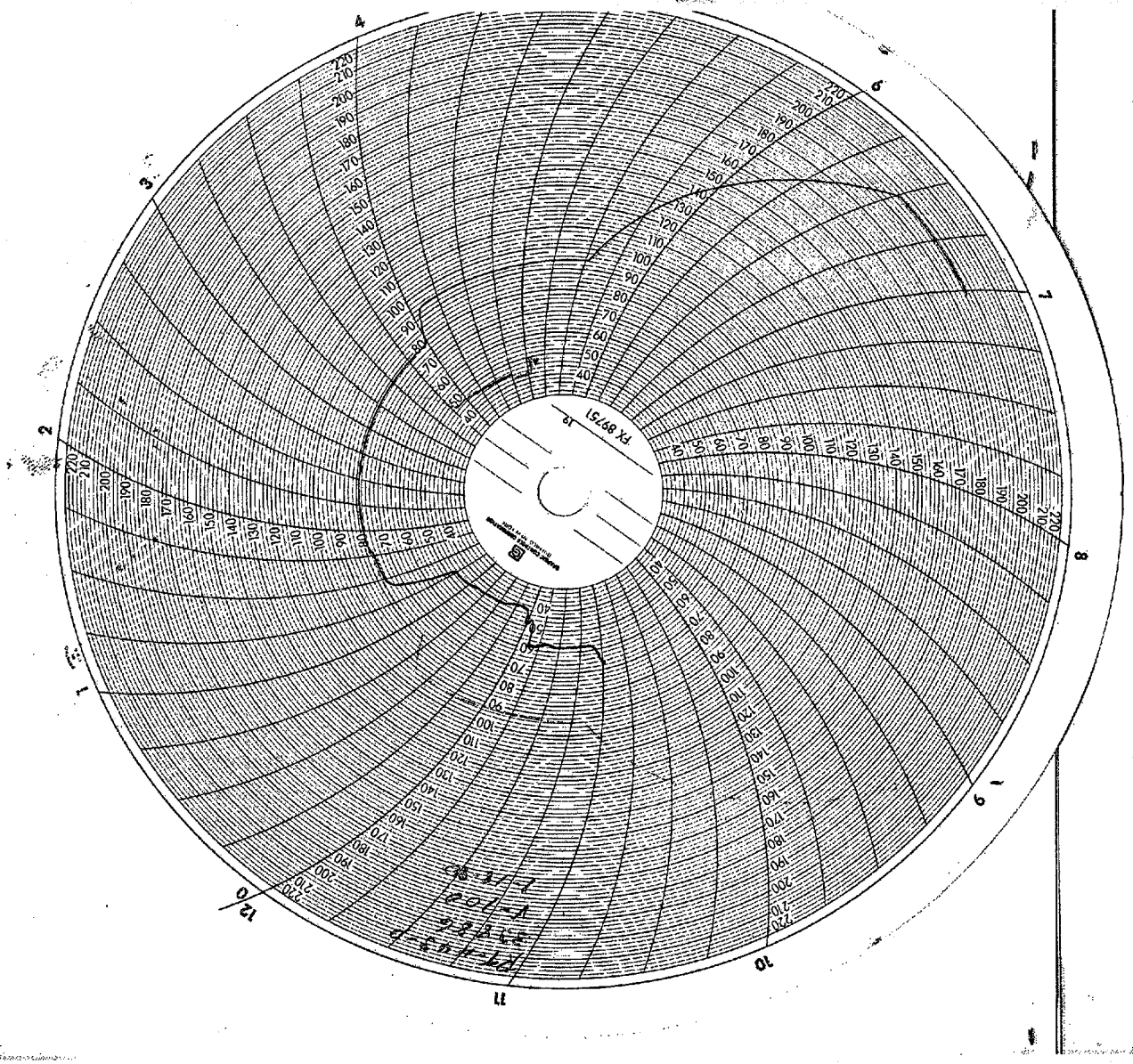
EQUIPMENT		PAGE 2 CG 36 CODE RT-443-D (0) EST. WGT. 1534 LBS.	USE LBS.	N CODE	ACCT. LBS.
DV 6 cont	27	Record: pH 12.0 (5.0-10.5)			
	28	Stir 20-30 min to dissolve Record: Start 10:45 pm			
Misc 7	29	Weigh in drum for S 36 M 1 , 33.52%	510	725-A	171
	30	Obtain for S 32	~~200~~	~~65-A~~	~~200~~
CV 8	31	Heat CV to 93-95°F & Record: HT °F & Rec °F			
	32	~~Dump in N-65-A from S 30~~			
DV 9	33	When S 28 stir complete, Record: DV pH 11.9 (9.0-11.0)			
		& if necessary adj to pH 10.0-10.5 Assume 50%		7-D	
		& Record: pH 10.4 Assume 32%	18	28-D	6
	34	Adj to 20" (668 G) at 28-32°F	5 x 330	57-A	1650
	35	Add for maintaining 28-32°F thru S 40	2 x 330	57-A	660
	36	Pour in N-725-A from S 29			
VERY IMPORTANT →	37	Weigh in drum & pour in M 1 , 31.76%	576	28-D	183
	38	Stir 5 min at 28-32°F maintaining + CR, + KI for S 40			
		Record: CR + (+), KI + (+)			
		NOTE: 1. if CR-KI- add 5# "As Is" increments Assume 32%		28-D	
		Record: CR (+), KI (+)			
		2. if CR+KI- add 5# "As Is" increments Assume 33%		725-A	
		Record: CR (+), KI (Must be +)			
	39	Record: Temp 28 °F (28-32°F)			
CV → 10	40	Couple DV thru undersurface distributor into CV in 35-45 min			
		Maintain CV at 93-95°F Start 4:05 AM Total Min 45			
	41	Stir 15 min & Record: Base w + (+), Diazo — (S + to -)			
		pH 10.7 (10.0-10.5)			
	42	If necessary adj to pH 10.0-10.5 & Record: Base / (+)			
		Diazo / (-); pH / , if pH above 10.5 do not adj			
		Assume 50%		7-D	
	43	Heat to 193-195°F in 45-50 min			
	44	Stir 30 min at 193-195°F			
	45	Flood to 80 " & stop agitator SAMPLE			

Step	V-100	V-106	V-260	V-213
36	80" (8056 G)	96" (9322 G)	82" (8126 G)	84" (8324 G)

START	FIN	OPTR
5:30 pm	4:30 AM	101

K 13830 REV.

DUP050292854



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