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

CG 36 CODE RT-443-D PKG. _____

→ JAN 25 34011

EST. WGT. 1334 LBS. 7AM

STD. HRS. 5.0 TIME _____ M

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

Done

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		82-C	424
		3619	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
		B.O. U-322	50	7-D	25
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 100% %		549-C	399
		700 84 98.5	85		
		774 315 98.63	319		
	25	Weigh on postal scale & add	1	148-C	1
	26	Heat to 75-80°F			

13828 REV.

EQUIPMENT		PAGE 2 CO: 36 CODE RT-443-D (0) EST. WGT. 1534 LBS.	USE LBS.	N CODE	ACCT. LBS.
DV 6 cont	27	Record: pH 11.8 (5.0-10.5)			
	28	Stir 20-30 min to dissolve Record: Start 4.45 P.M			
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~~	~~3300~~
CV 8	31	Heat CV to 93-95°F & Record: HT 94 °F & Rec 94 °F			
	32	~~Dump in N-65-A from S 30~~			
DV 9	33	When S 28 stir complete, Record: DV pH 11.8 (9.0-11.0)			
		& if necessary adj to pH 10.0-10.5 Assume 50%		7-D	
		& Record: pH 10.5 Assume 32%	10	28-D	7
	34	Adj to 20" (668 G) at 28-32°F 10	5 X 330	57-A	5300
	35	Add for maintaining 28-32°F thru S 40 4	2 X 330	57-A	1320
	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# "AsIs" increments Assume 32%		28-D	
		Record: CR (+); KI (+)			
		2. if CR+KI- add 5# "AsIs" increments Assume 33%		725-A	
		Record: CR (+), KI (Must be +)			
	39	Record: Temp 30 °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 6.55 P.M Total Min 40			
	41	Stir 15 min & Record: Base + (+), Diazo — (S + to -)			
		pH 10.3 (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	UPTR
7.00 P.M	3:00 P.M	32.0
8.30 P.M	9.00 P.M	38

K 13830 REV.

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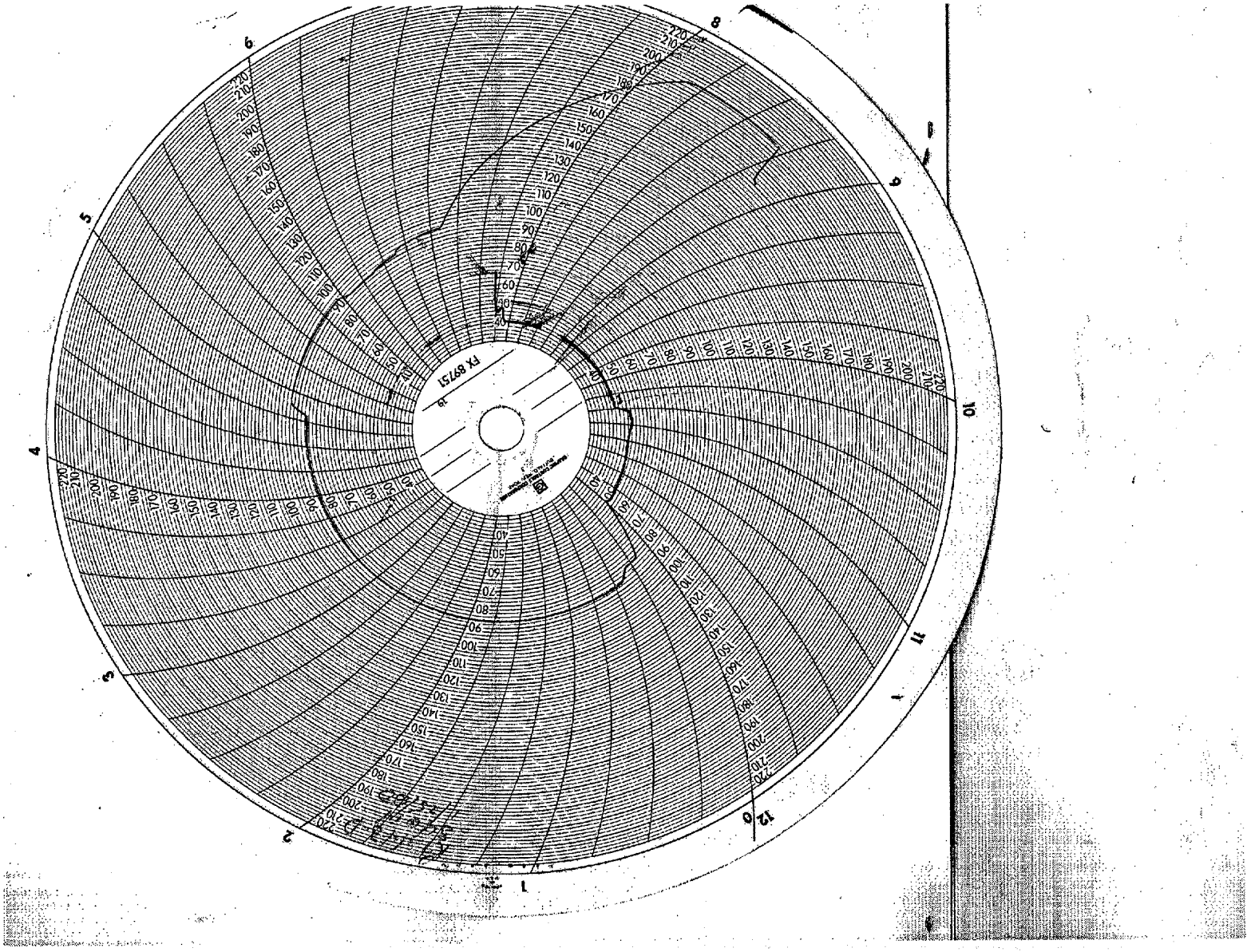

N 31936.01

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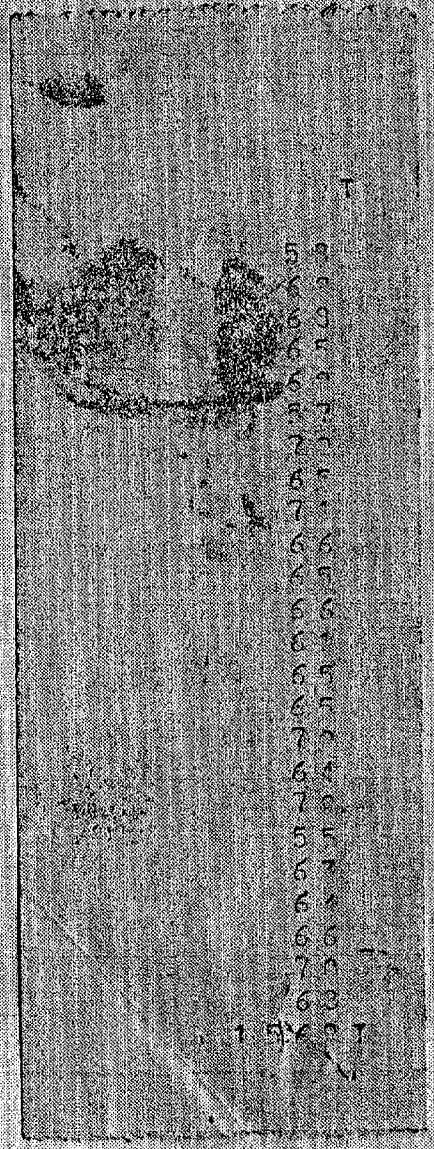

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