

YC-13-A

C.V.

105 106

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

CG 46 CODE ~~Y223~~ PKG.

→ ~~DEC 28 80~~ 38385 JAN 5 1981
EST. WGT. 2736 LBS.

STD. HRS. 8.8 TIME M

PROCESSES		APPROVED BY	
()	YT-820-D	()	EWK 10/ 4/71
(B)	YC-13-A	()	DCG 10/ 6/71
()	()	()	MTW 10/11/71
()	()	()	()
TYPED BY			
NE 3-11-77			

PUNCHED & CHECKED
JAN 7 1981

Short Notes - 1

Run 4-2-80
BMT Press

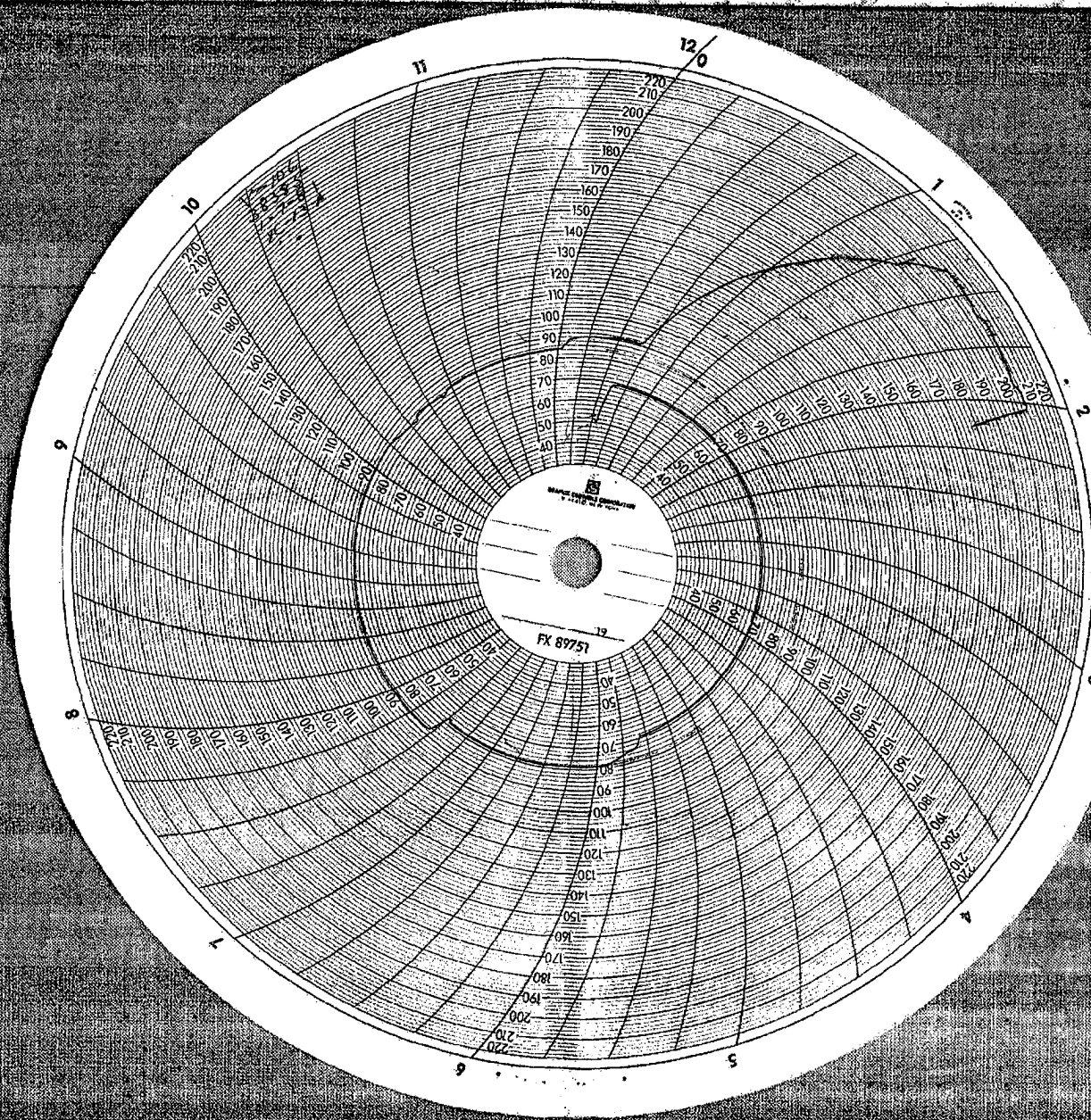
BLEEDING

IPMENT	NAME: "DALAMAR" YELLOW - R	USE LBS.	N CODE	ACCT LBS.
Prep 1	1 Obtain for S6		396-C	
	2 Obtain for S 22		46-C	
	3 Clean, dress, close 24" clarif press - 15 frames EAST			
DV 2	4 Run 17" (595 G) water into V- 300			
	5 Weigh in from V-324 M 13 .31.50% 1775		28-D	559
	6 Dump in from S1 Lot 6%		896-C	1190
Misc 3	7 Stir 10 min or longer to Wet			
	8 Adj DV to 33" (1155 G) at 28-32 °F			
	9 Siphon in in 12-15 min M 13 .33.47% 17x330		57-A	366
	10 Stir 30 min at 28-32°F Maintaining + CR, + KI for S 12		725-A	485
	Record: Time start 5:30 AM CR + (+), KI + (+)			510
	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 (+)			
	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 5:30 AM CR + (+), KI + (+)			
	Note: (1) If CR-, KI- add 20# "As Is" increments Assume 32%		28-D	
CV 5	Record: CR (+), KI (+)			
	(2) If CR + KI- add 20# "As Is" increments Assume 33%		725-A	
	Record: CR (+), KI (+)			
	15 Run 10" (970 G) water in to V- 105 & install temp chart			
	16 Pour in M 1 .50.20% 1133		7-D	569
	17 Adj to 40" (3880 G) at 66-70 °F	3x330	57-A	
	18 Close Stack Damper			
	19 Stir for S 22			

UPLMENT	PAGE 2	CG 46	CODE YI-820-D (D)	EST. WGT.	2736	LBS.	USE LBS.	N CODE	ACG LBS
DV 6	20	When S 14 stir complete, test DV & Record:							
		CR + (+), KI + (+), Temp: 30 28-32°F							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 (+)							
	21	Pump DV thru clarif press into V-3/5 Maintaining							57-A 660
		Temp at 28-32°F Record: Time start 6:30 AM Total min 215							
		See attached sheet							
CV 7	22	Dump into CV from S 2							46-C 1547
		Lot	# 100 %	%					
		07360	200	97.0		206			
		01400	600	98.6		609			
		01560	200	95.2		210			
		01470	400	94.0		426			
		01560	147	95.2		154			
	23	Stir 10 min to Dissolve							
	24	Open stack Damper							
	25	Run in under surface in 20-25 Min M 19, 82.55%							30-D 871
	26	Stir 5 min & Record: pH 5.8 (5.8-6.3)							
	27	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	28	When S21 Clarif complete wash DV (S4) lines, Pump & press							
		for 20 min or to A- CR test on a sample of total dress effluent,							
		whichever comes first, collect washings in DV (S 21)							
	29	Stir 5 min & record: Temp 25 (28-32°F) & 57-A							
		If necessary, Adj to 28-32°F Record: 25 °F							
	30	Weigh in rubber bucket & wash into DV							15 395-D 25
	31	Stir 5 min & Record: KI (-)							
	32	If necessary adj to KI & Record: KB (-)							395-D
	33	Record: V&P							
Misc 9	34	Weigh in drums for S 41 M 1, 50.20 %							7-D 337
	35	Dissolve in 20 gal water in Drum for S 43							50 979-A 50
CV 10	36	When S 33 complete, adj CV to 43" (4197 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 1115							
		Total min 70							
	39	Stir 10 min							
	40	Record: Diazo - (-) Base + (+), pH 4.1 (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, Pour in							46-C
		CV & stir 10 min							
		(3) Repeat above as necessary to - diazo, + Base							
	41	Pour in N-7-D from S-34							
	42	Stir 5 min & Record: pH 5.2 (7.1-9.0) & Assume 50%							7-D 62
		If necessary, adj to pH 7.1-9.0 Record: pH 8.8 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 30 min at 200-204°F Record: Time start 130 PM							
	46	Flood to 94" (9174 G) & stop agitator							
		Start	Fin	Optr					
		11:00 PM	7:00 AM	237					
		TAU	2:15 PM	282					

Dalman Clarification

When pumping thru press,
check effluent from press -
must be yellow & clear - Stop
if not & notify Supervisor



DUP050291986

N 31767.02