

DEC 21 1979

C.V.

105, 106

MAKING INSTRUCTIONS: BATCH UNIT

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

CG 46 CODE YF-889-P

PKG.

04

DEC 28 33516

EST. WGT. 222450 LBS.

STD. HRS. 8.4 TIME

PROCESSES

(n) YC-5-A

()

EWK 9/23/76

() ALTERNATE

()

DCG10/ 6/76

()

()

MTW10/11/76

TYPED BY

NE 3/5/77

Do Not Use N-157-C Lot 2

EAST PRESS
OK.

BLEEDING

EMENT	NAME	USE LBS.	N CODE	ACCT. LBS.
rep	"DALAMAR" YELLOW			
1	Obtain for S 6 Do Not Use Lot 2		157-C	
2	Obtain for S 23		46-C	
3	Clean, Dress, Close 24" clarif press - 15 Frames			
DV	Run 12" (39.2 G) water into V- 300			
2	Weigh in from V-324 M 7, 31.42 %	1614	28-D	507
6	Dump & rinse in drums from S1		157-C	1679
	Lot # 100% %			
	159 137 54.6 250			
	162 101 50.6 200			
	163 120 59.8 200			
	163 122 61.2 200			
	163 114 57.0 200			
	159 138 55.0 250			
	162 98 49.0 200			
	162 96 48.2 200			
	162 92 46.1 200			
	155 61 68.6 89			
7	Stir 10 min or longer to wet			
8	Adj DV to 43" (1466 G) at 28-32 °F	10x330	57-A	3300
9	Siphon in in 12-15 min M 17, 33.34 %	1370	125-A	458
10	Stir 30 min at 28-32°F maintitig + CR; + KI for S13			
	Record: time start 6:10pm, CR + KI +			
	Note: (1) 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 (+)			
Misc.	Slurry in 50 gal water in drum & precoat clarif press with	5	777-A	5
3	Slurry in 20 gal water in drum for S 20	94	39-A	94
DV	When S 10 stir complete, dumpin	10	777-A	10
4	Dumpin	15	113-A	15
15	Stir 30 min at 28-32°F maintaing +CR; + KI for S21			
	Record: time start 6:30pm; CR + KI +		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 (+)			

IPMENT	PAGE 2	CG 46	CODE (D)YC-5-A	ALT	EST. WGT.	2131	LBS.	USE LBS.	N CODE	ACCT. CBS.
CV	✓16	Run 12" (1165 G) water into V-	106	Install temp chart						
5	✓17	Pour in	M 12	49.34 %		1042	7-D	514		
	✓18	Adj to 43" (4175 G) at 66-70 °F				3x330	57-A	990		
	✓19	Close stack Damper								
	✓20	Pour in N-39-A slurry from S 12 & Stir for S 23								
DV	✓21	When 15 stir complete test DV & Record:								
6		CR + (+); KI + (+); Temp 30 28-32°F								
		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 (+)								
	✓22	Pump DV thru clarif press into V- 315 maintaining				2x330	57-A	660		
		Temp at 28-32°F Record: time start 7:10 Total min 75								
CV	✓23	Dump into CV from S2	Lot #100 %						46-C	1426
		Note: break up lumps	91920 800 95.0			935				
			91740 626 92.6			876				
	✓24	Stir 10 min to dissolve								
	✓25	Open stack Damper								
	✓26	Run in undersurface in 20-25 min M 16		73.36 %		1074	30-D	788		
	✓27	Stir 5 min & Record: pH 5.9 (5.8-6.3)								
	✓28	If necessary, adj to pH 5.8-6.3 & Assume 50%					7-D			
		Record: pH (5.8-6.3) Assume 77%					30-D			
DV	✓29	When S 22 clarif complete, wash DV (S 4) lines, pump								
8		& press for 20 min or to a -cr test on a sample of								
		Total press effluent whichever comes first.								
		collect washings in DV (S 22)								
		Record: time start 8:30 CR - (- or +)								
	✓30	Stir 5 min & record: Temp 30 (28-32°F) & 57-A								
		If necessary adj to 28-32°F. Record: 30 °F								
	✓31	Record: Vol 53								
CV	✓32	When S 31 complete, adj CV to 50" (4855 G) at 80 - 84°F								
9	✓33	Check accuracy: HT 82 °F & Recorder 82 °F								
	✓34	Immediately run in DV thru undersurface distributor								
		in 60-65 min, maintain CV at 80-84°F								
		Record: Time start 9:15 Total Min 65								
	✓35	Stir 10 min								
	✓36	Record: Diazo - (-) Base + (+) pH 4.6 (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								
	✓37	Heat to 190-194°F in 58-62 min								
	✓38	Stir 30 min at 190-194°F Record: Time Start 11:20								
	✓39	Flood to 94" (9174 G) & stop Agitator								
		START 3:15 PM 11:00 P				FIN 11:15 PM 12:15 A				
		OPTR 223 126								

