

LES.

REMARKS

REMARKS

BLEEDING

AMPLIES	1-62	JAR		
DELIVER TO	CI	for color	SAMPLED BY	RELEASED BY

-DRYING-

DO NOT DRY

ADDITIONAL DRYING HOURS REQUIRED

AMPLES	NO. CARS PULLED	LUMP WGT.
DELIVER TO	SAMPLED BY	RELEASED BY

-GRINDING-

EXPLAIN LOSSES

SAMPLE AFTER / WITHOUT MIXING		DATE MIXED	
SAMPLES			
DELIVER TO	CT L	SAMPLED BY	RELEASED BY

MAKING INSTRUCTIONS: BATCH UNIT

D.V. 300 315 317, 322, 323

5/13

C.V.

105 196

CO 46 CODE YT-808-D PKG.

E 1282

GST, UGT. 2238 LBS.

TIME M

PROCESSES		APPROVED BY
() YT-808-D	(D)	ENK 9/27/77
() YT-810-D	(O)	BBK 10/14/77
()	()	DCG 10/17/77
()	()	MTW 10/18/77
TYPED BY		
JIC 10/26/77		

EAST PRESS

NON-BLEEDING

PARENT	NAME	USE LBS.	N CODE	ACCT. LBS.
PREP	DALAMAR® YELLOW			
	1 Obtain for S 5		157-C	
	2 Obtain for S 22		46-C	
	3 Clean, dress, close 24" clarif press - 15 frames			
DV 2	4 Run 18" (323 G) water into V- 300			
	5 Weigh in from V-324 M 7 32.0 % 1431		28-D	458
	6 Dump & rinse in drums from ST		157-C	974
	LOT # 100% %			
	292 10.8 61.6 125			
	292 11.0 62.8 125			
	292 10.9 62.7 125			
	292 12.5 71.2 125			
	295 12.8 71.7 125			
	295 11.9 68.2 125			
	296 13.0 74.3 125			
	296 13.1 75.1 125			
	296 14 76.4 125			
	7 Stir 10 min or longer to wet			
	8 Add to 33" (1155 G) at 28-32°F	10x330	57-A	3300
	9 Siphon in in 12-15 min M 7 32.92 % 1230		725-A	405
	10 Stir 30 min at 28-32°F maintaining + CR. + KI for S 12			
	RECORD: Time Start 2:32 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%		725-A	
	RECORD: CR (+). KI (+)			
MISC	11 Slurry in 40 Gal water in drum & precoat clarif press with	5	777-A	5
DV 3	12 When S 10 stir complete, dump in	15	113-A	15
4	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 2:55 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%		725-A	
	RECORD: CR (+). KI (+)			

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EQUIPMENT	PAGE	CG	CODE	YT-808-D (D)	EST. WGT.	2238	LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 5	15	Run 10" (970 G) water into V-105 & install temp chart								
	16	Pour in	M		49.83	%	7-D	466		
	17	Adj to 40" (3904 G) at 66-70°F					3 x 330	57-A		
	18	Close stack damper								
	19	Stir for S 22								
DV 6	20	When S 14 stir complete, test DV & record								
		CR + (+), KI + (+) Temp: 31 (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 temp at 28-32°F RECORD: Time Start 11:14 Total Min 80					2 x 330	57-A	4660	
CV 7	22	Dump into CV from S 2	LOT	#100%	%			46-C	1265	
		NOTE: BREAK UP LUMPS	80597	400	100%		400			
			80598	800	"		800			
			10100	65	96.2		62			
	23	Stir 10 min to dissolve								
	24	Open stack damper								
	25	Run in undersurface in 20-25 min M 7			79.03	%	902	30-D	713	
	26	Stir 5 min & Record: pH 5.6 (5.8-6.3)								
	27	If necessary, adj to pH 5.8-6.3 and					Assume 50%	20	7-D	10
		RECORD: pH 5.8 (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 to total press effluent, whichever comes first. Collect washings in DV (S 21)								
		RECORD: Time Start 12:30 CR - (- or +)								
	29	Stir 5 min & Record: Temp 27 (28-32°F) & if necessary, adj to 28-32°F. RECORD: 27 °F						57-A		
	30	Transfer to rubber bucket & wash into DV								
	31	Stir 5 min & Record: pH 5.8 (5.8-6.3)								
	32	If necessary, adj to pH 5.8-6.3 and								
	33	RECORD: DV 51								
MISC 9	34	Weigh in drums for S 41	M	8	49.83	%	594	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 80 °F & Recorder 84 °F								
	38	Immediately run in DV thru undersurface distributor in 80-65 min. Maintain CV at 80-84°F								
		RECORD: Time Start 12:45 Total Min 65								
	39	When S 38 complete, stir 10 min								

EQUIPMENT	PAGE <u>3</u> CG <u>46</u> CODE <u>YT-808-D (D)</u> EST. WGT. <u>2238</u> LBS.	USE LBS.	N CODE	ACCT. LBS.
CV 80 (Cont'd)	40 RECORD: Diazo <u>-</u> (-), Base <u>+</u> (+) pH <u>4.1</u> (4.3-4.7) NOTE: (1) If Diazo +, Base -, and pH below 4.3: (a) adj to pH 4.3-4.7 Assume 50% (b) record: pH 7-D (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 $\pm$ 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 <u>6.3</u> (8.0-8.5) & if necessary Assume 50% 2.6 7-D 1.3 Adj to pH 8.0-8.5. RECORD: pH <u>8.5</u> Assume 32% 28-D 43 Dump in N-979-A from S 35 44 Heat to <u>190-194</u> in 58-62 min 45 Stir <u>3.5</u> min at <u>190-194</u> RECORD: Time Start <u>8:10/PM</u> 46 Flood to 94" (9174 G) & stop agitator			
	START <u>5:30 PM</u> FIN <u>7:00 PM</u> OPR <u>37</u> <u>9:30 PM</u> <u>3 PM</u> <u>438</u> <u>3: PM</u> <u>8:50/PM</u> <u>59</u>			
	Delayed - No Steam			

