

V. 105 (106)

ALM #2

C.V.

MAKING INSTRUCTIONS: BATCH UNIT

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

GO 46 CODE YT-858-D PKG.

DEC 13 33088

EST. WGT. 2430 LBS.

STD. HRS.

TIME

7 A M

PROCESSES		APPROVED BY	
()	YT-858-D	(A)	FWK 10-18-76
()		()	EAS 05-24-78
()		()	DCG 05-30-78
()		()	MW 05-30-78
TYPED BY			
emw030778			

RED TO FOLLOW

CLEAN #2 ALM - Move up hoses to V-300. Pump Hot Soda
 up from aln thru logs to sewer
 All other equipment old clean

Jenny-61264

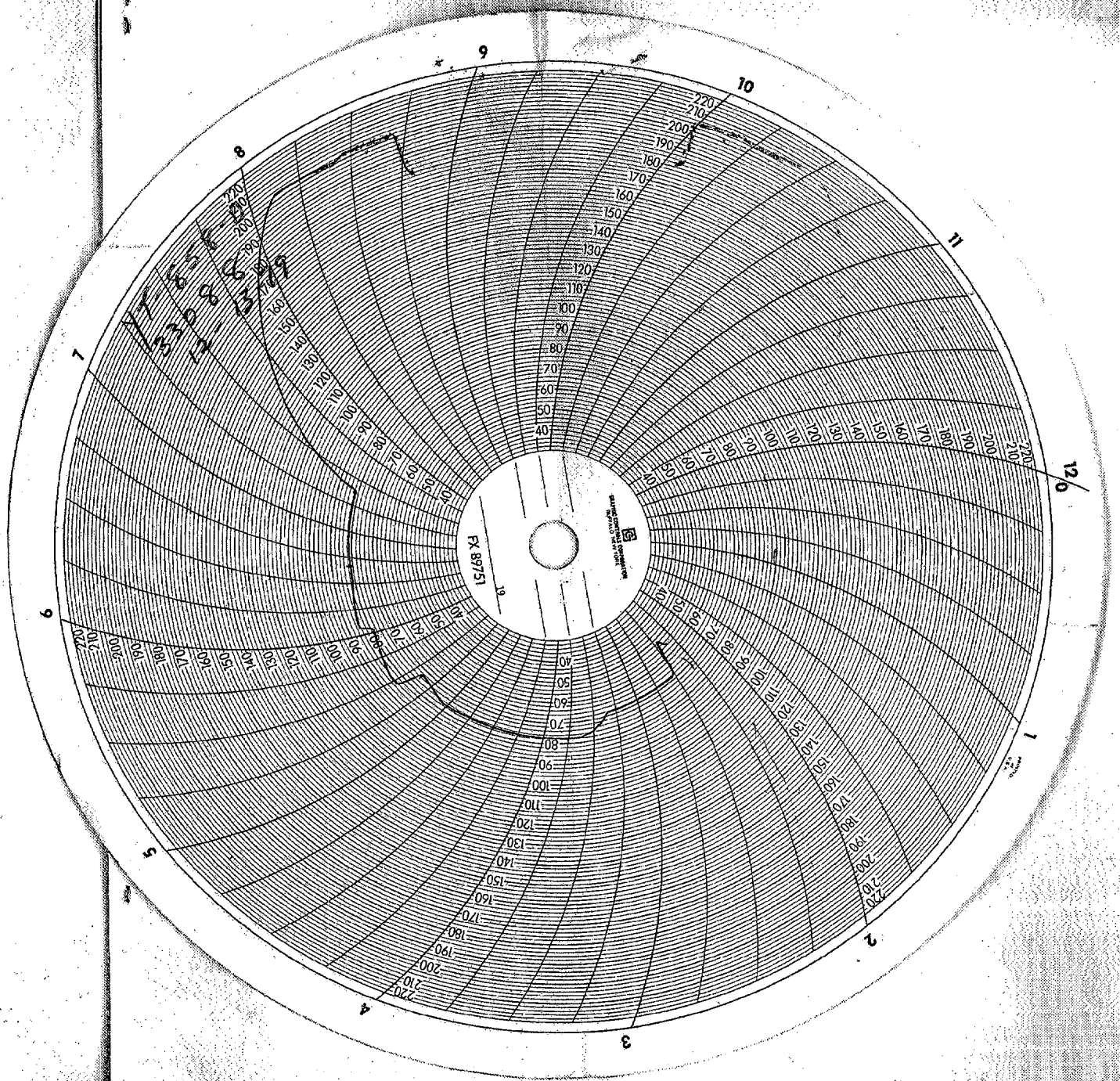
BLEEDING

U/PMENT	NAME: DALAMAR® YELLOW EAST PRESS	USE LBS.	N CODE	ACCT. LBS.
PREP	1 OBTAIN FOR 53 LOT 1 110300 300%		157-C	
1	1A CLEAN PRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
ALM	2 CHASE ALM #2 OUTLET		157-C	1035
2	3 PUMP & RINSE IN FRAMES			
	4 1035# 1 110300 4/100 TO	3300		
3300 + 344	NOTE: WATER WATER TO RINSE IN DRAUMS, USE MINIMUM WATER RECORD: WATER USED 344			
	5 STIR 30 MIN TAKE 2-1602 SAMPLES RECORD: START 8:40 AM			
	6 TAKE 2-1602 SAMPLES TO LAB.			
V.300	7 RUN IN 2" (50 G) WATER INTO V-300			
3	8 PUMP ALM TO V-300 & WHEN ON AGITATOR DRAIN SHUT OFF			
	9 RINSE ALM WITH MINIMUM WATER & PUMP IN			
10	10 DO NOT PROCEED PAST STEP 7. WILL HOLD N-157-C IN V-300 PENDING ANALYSIS			
PREP	11 WHEN ADVISED, OBTAIN FOR 56 40 KONZA N-46-C		46-C	
303	12 Run 18" (4426) water into V-303			26
5	13 Pour in M 12 117.34 % 59	7-D		28
	14 Weigh on Postal Scale & dump in From 289	46-C		28
	15 Note: Break up lumps Lot #100% % 30693626			20
	16 Stir 45 min to dissolve for S 16			
DV	17 Run 18" (4426) water into V-303			
6	18 SHUT OFF V-303	5	777-A	5
	19 Pump thru clarif press to precoat			
303	20 When stir complete weigh on postal M 17 33.34 % 630	725-A		121
7	21 Scale, pour in & stir 5 min			
	22 Adj to 60-62°F Record: Temp of 57-A			
	23 Siphon in in 4-6 min M 14 72.91 % 206	30-D		150
	24 Adj to 37" (8900) at 66-70°F 57-A			
	25 Stir 5 min & Record: pH 4.7 (4.1-4.5)			
	26 If necessary, Adj to pH 4.1-4.5 Assume 77% 30-D			
	27 & Record: pH Assume 50% 7-D			
	28 Stir 3 Hrs minimum for S 16 maintaining at 66-70°F			
	29 Record: Start 7:35 PM Total min 57-A			
300	30 Take sample from V-300			
8	31 WEIGH IN FROM V-324 M 31.42 % 1550	28-D		487

CM

EQUIPMENT	PAGE 2 CG 46 CODE YF-858-D	EST. WGT. 2630	LBS.	USE LBS.	N CODE	ACCT. LBS.
300 8 Cont.	24 Stir 10 min or longer to wet					
	25 Add DV to 43" (1476G) at 20-22°F			18x330	57-A	
	26 Siphon in in 12-15 min	M 17.1	33.34 %	1290	725-A	430
	27 Stir 30 min at 28-32°F maintaining +CR, +KI for S 30			5940	57-A	5940
	Record: Time Start 10:10 P, 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 9	28 During S27 stir weigh in drums for S34 M 17.1	49.34 %		955	7-D	471
	29 Weigh in Buggy for S 43 M 14	72.91 %		1020	30-D	855
300 10	30 When S27 stir complete, dump in			15	113-A	15
	31 Dump in			10	777-A	10
	32 Stir 30 min at 28-32°F maintaining +CR, +KI for S 37				57-A	
	NOTE:					
	(1) If CR-, 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 + (+)					
CV 11	33 During S32 stir, run 10" (970G) water into V-106 & install temp chart					
	34 Pour in N-7-D from S28					
	35 Add to 35" (3416G) at 66-70°F			3x330	57-A	
	36 Close stack damper					
DV 12	37 When S32 stir complete, test DV & Record:					
	Record: CR + (+), KI + (+), temp 28°F (28-32°F)				57-A	
	NOTE:					
	(1) If CR-, KI- add 20# "as is" increments Assume 32%				28-A	
	Record: CR + (+), KI + (+)					
	(2) If CR+, KI- add 20# "as is" increments Assume 33%				725 A	
	Record: CR + (+), KI + (+)					
	38 Pump DV thru clarif press into V-316 maintaining Temp at 28-32°F Record: time start 1:45 Total min 95			2x330	57-A	660
	When clarification is complete check V-300 for brown sediment before washing in					
MISC 13	39 Dissolve in 20 gal water in drum for S59				979-D	71
CV 14	40 Dump in from S39 Lot #100% %				46-C	1450
	Note: Break up lumps 269.26.26 * 1344 100.0 1344					1344
	USE KANZA AT 46°C					
	41 Stir 10 min to dissolve					
	42 Open stack damper					
	43 Run in N-30-D from S29 undersurface in 20-25 min					
	44 Stir 5 min & Record: pH 5.6 (5.8-6.3)					
	45 If necessary, adj to pH 5.8-6.3 Assume 50%			32	7-D	16
	& Record: pH 5.85 Assume 77%				30-D	
	46 When S22 stir complete, run in V-303 on surface AFAP					

EQUIPMENT	PAGE 3 CG 46 CODE Y-858-D	EST. WGT. 2630 LBS.	USE LBS.	N CODE	ACCT. LBS.
DV 15	47 When S38 complete, wash DV lines, pump & press for 20 min or to a - CR test on a sample of total press effluent, which ever comes first. collect washings in DV (S38)				
	48 Stir 5 min & record: Temp 32 (28-32°F) & if necessary, adj to 28-32°F Record: 52		12	57-A	12
	49 Weigh in rubber bucket & wash into DV		395 D		
	50 Stir 5 min & Record: KI (-)				
	51 If necessary adjust to - KI & Record: KI			395-D	
CV 16	52 When S51 complete, adj CV to 44" (42946) at 80-84°F				
	53 Record: HT 84 °F, REC 84 °F				
	54 Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F. Record: Time Start 5:39 A.M.				
					Total min 62
MADE	55 During S51, wash in drum for 30 min	%			
	56 During S51, weigh in rubber bucket	%			
	Record for S51				
CV 17	57 When S53 complete, stir 10 min				
	58 Record: Diazo - (-) Base + (+) pH 4.3 (4.3-4.7)				
	Note: Take lgt. sample				
	(1) If Diazo +, Base -, and pH below 4.3:				
	(a) adj to pH 4.3-4.7 Assume 50%			7-D	
	(b) record: pH				
	(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 # 25 G				
	(c) add 20# 100% N-46-C			46-C	
	(d) stir to dissolve				
	(e) pour into CV				
	(f) stir to min				
	(3) Repeat (1) & (2) above as necessary to - Diazo, + Base				
	59 Dump in N-979-A from S3 39				
	60 Heat to 200-204°F in 40-45 min				
	61 STIR 30 MIN AT 200-204°F				
	62 WHEN S611 STIR COMPLETE, RECORD: PH 4.1 (4.3-4.7)				
	63 FLOW TO 94" (91746) & STOP AGITATOR				
	64 If necessary adj to pH 5.5-6.5				
	65 Record: pH				
	66 When S611, wash to 200-204°F when shut off from				
	67 Set S611 in longer				
	68 Dump in N-979-A from S60				
	69 STIR 30 min & RECORD: PH				
	70 If necessary adj to pH 5.5-6.5				
	71 Record: pH				
	72 Flow to 94" (91746) & stop agitator				
	START 1:00 PM	FIN 3:00 PM	OPTR 3:22		
	3:00 PM	3:10 PM	244		
	10:10 PM	7:10 PM	54		
	7 PM	9 AM	282		



DUP050293600

N33194.01