

V. (105) 106

C.V.

MARKING INSTRUCTIONS: BATCH UNIT
D.V. 300, (315), 317, 322, 323

CG 46 CODE YT-858-D PKG. _____

MAR 15 34895

EST. WGT. 2313 LBS.

STD. HRS. _____ TIME _____

PUNCHED & CHECKED

PROCESSES		APPROVED BY	
()	YT-858-D	(A)	EWK 10-18-76
()		()	EAS 05-24-78
()		()	DCG 05-30-78
()		()	MW 05-30-78
TYPED BY			
emw080778			

MAR 19 1980 494

WEST-PRESS

MAR 14 1980

BLEEDING

IPMENT	NAME: DALAMAR® YELLOW	USE LBS.	N CODE	ACCT. LBS.
PREP 1	1 Obtain for S20		157-C	
	2 Obtain for S's 6 & 38		46-C	
	3 Clean, Dress, close 24" clarif press - 15 frames			
303 2	4 Run 24" (583G) water into V-303			
	5 Pour in M 3 . 48.04 %	67	7-D	32
	6 Weigh metal scale & dump in From S2		46-C	88
	Note: Break up lumps Lot #100%			
	91900 88 91.6	96		
	7 Stir 45 min to dissolve for S 11			
DV 3	8 During S7, Run in 10" (323 G) water into V-			
	9 Dump in & stir 5 min	5	777-A	5
	10 Pump DV thru clarif press to precoat			
303 4	11 When S7 stir complete weigh on scale M 3 . 33.46 %	78	725-A	26
	12 S20 , pour in & stir 5 min			
	13 Adj to 60-62°F Record; Temp 42°F		57-A	
	14 Siphon in in 4-6 min M 3 . 73.22 %	256	30-D	78.9
	15 Adj to 49" (7175G) at 66-70°F		57 A	
	16 Stir 5 min & Record: pH 4.25 (4.1-4.5)			
	17 If necessary, Adj to pH 4.1-4.5 Assume 77%		30-D	
	& Record: pH Assume 50%		7-D	
	18 Stir 3 Hrs minimum for S44 maintaining at 66-70°F			
	Record: Start 4:35pm Total min 420		57-A	
DV 5	19 During S 17 stir run 10" (323 G) water into V- 300			
	20 Weigh in from V-324 M 4 . 31.05 %	1475	28-D	458
	21 Dump in From S1 Lot #100%		157-C	974
	203 110 64.6 170			
	203 114 64.7 170			
	203 110 64.6 170			
	203 113 66.3 170			
	203 111 65.4 170			
	203 112 65.8 170			
	203 109 64.4 170			
	203 115 67.8 170			
	203 80 62.6 128			

IPMENT		PAGE 2 CG 46 CODE YT-858-D	EST. WGT. 2230 2313 LBS.	USE LBS.	N CODE	ACCT. LBS.
DV 5	21	Stir 10 min or longer to wet				
Cont.	22	Adj DV to 37" (1280 G) at 20-22°F		18x330	57-A	5990
	23	Siphon in in 12-15 min	M 3 33.46 %	1210	725-A	405
	24	Stir 30 min at 28-32°F maintaining + CR, + KI for S 27			57-A	
		Record: Time Start 9:00 AM, 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 6	25	During S 24 stir weigh in drums for S31 M 3 49.04%		924	7-D	444
	26	Weigh in Buggy for S 41 M 3 73.22%		941	30-D	689
DV 7	27	When S 24 stir complete, dump in		15	113-A	15
	28	Dump in		10	777-A	10
	29	Stir 30 min at 28-32°F maintaining +CR, +KI for S 34			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 8	30	During S 29 stir, run 10" (970G) water into V- 105 & install temp chart				
	31	Pour in N-7-D from S25				
	32	Adj to 30" (2928G) at 66-70°F		3x330	57-A	990
	33	Close stack damper				
DV 9	34	When S 29 stir complete, test DV & Record:				
		Record: CR + (+), KI + (+), temp 26 °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 + (+)				
	35	Pump DV thru clarif press into V- 315 maintaining Temp at 28-32°F Record: time start 10:00 AM, Total min 80		2x330	57-A	660
ISC 10	36	During S 30, weigh in drums for S 56				
	37	Dissolve in 20 gal water in drum for S 56		67	979-D	67
CV 11	38	Dump in from S2 Lot #100 %			46-C	1265
		Note: Break up lumps				
		Eastman 1265 1000		1265		
	39	Stir 10 min to dissolve				
	40	Open stack damper				
	41	Run in N-30-D from S26 undersurface in 20-25 min				
	42	Stir 5 min & Record: pH 5.9 (5.8-6.3)				
	43	If necessary, adj to pH 5.8-6.3 Assume 50%			7-D	
		& Record: pH Assume 77%			30-D	
	44	When S17 stir complete, run in V-303 on surface AFAP				

"IN PROCESS" SAMPLE LABEL

CODE 77880 LOT 34895 DATE 3/13

Take the following sample and deliver to _____

SAMPLE FOR PROCESS ENGINEERING

STEP	_____	Sample
☒ RVS	<u>LS61</u>	Sample
P/C	<u>for A. Stephens</u>	Sample
LUMP	_____	Sample
GRIND	_____	Sample

Initial PE EW

EQUIPMENT	PAGE	CG 46	CODE	YT-858-D	EST. WGT.	2313	LBS.	USE	N	ACCT.
								LBS.	CODE	LBS.
DV	45	When S35 complete, wash DV lines, pump & press for 20 min								
12		or to a - CR test on a sample of total press effluent, which ever comes first - collect washings in DV (S35)								
	46	Stir 5 min & record: Temp 23 (28-32°F) & if necessary, adj to 28-32°F Record: °F, 50 "							57-A	
	47	Weigh in rubber bucket & wash into DV					10		395 D	10
	48	Stir 5 min & Record: KI - (-)								
	49	If necessary adjust to - KI & Record: KI -					45		395-D	45
CV	50	When S49 complete, adj CV to 38" (3708G) at 80-84°F								
13		& Record: HT 84 °F, REC 90 °F								
	51	Immediately run in DV thru undersurface distributor in 60-65 min. Maintain CV at 80-84°F. Record: Time Start 12:50 PM								
		Total min 45								
REDACTED SECTION										
CV	54	When S51 complete, stir 10 min								
15	55	Record: Diazo - (-) Base + (+) pH 4.2 (4.3-4.7)								
		Note:								
		(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								
	56	Dump in N-979-A from S 37								
	57	Heat to 200-204°F in 40-45 min								
	58	Stir 30 min at 200-204°F Record: Time 3:50 PM								
	59	Shut off steam								
	60	Record pH 4.0 (4.2-4.7)								
	61	Flood to 94" (9174G) & stop agitator								
START 3:00 PM 11:00 PM FIN 11:00 PM 4:45 PM OPTR 201 320										
NOTE: VOLUME 48" AFTER STEP #44 TEMP. GAUGE OF 6" HAND TEMP 84° AND CHART 90°										

