

S.V. 105-115 C.V. (303-V, OXIMINO ONLY) D.V. 300, 315, 317, 322, 323

CG 46 CODE YT-858-D PKG PROCESSES APPROVED BY
 MAY -0-81-21420 () YT-858-D (X) JJG 4-6-81
 () ()
 () ()
 TYPED BY: JMH

ESTIMATED WGT 2313 LBS. STANDARD HRS. TIME M
 "MODIFIED PROCESS"

PREPARATION NOTES: DO NOT START IF PRESS WILL NOT BE AVAILABE WITHIN 3 HRS.

AFTER MAKING: MAKING SUPV TO REVIEW WITH P.R. SUPV & RECORD:
 PRESS WILL BE READY M / P.R. SUPV
 START MAKING M / MAKING SUPV

EAST PRESS

EQUIP MENT	NAME: DALAMAR YELLOW	USE LBS	N-CODE	ACCT LBS
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PREP	1	OBTAIN FOR S27		157-C
	2	OBTAIN FOR S'S 13 & 45		46-C
	3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES		

303	4	IF NAPHTHANILS (RT-539-D, RT-531-D, RC-15-A, RT-160-P) IN V-303 LAST, BOIL OUT WITH WATER & 100# "AS IS" N-28-D. ASSUME 22%		28-D
2	5	WHEN S4 COMPLETE, DRAIN TO SEWER & RINSE OUT		
	6	WHEN S5 COMPLETE, FILL WITH WATER ADD 20# "AS IS" N-7-D TO NEUTRALIZE RESIDUAL ACID AND SEWER ASSUME 50%		7-D
	7	HOSE OUT VAT		
	8	FROM INSIDE VAT, SCRAPE RESIDUALS FROM AGITATOR AND UNDERNEATH VAT TOP		
	9	HOSE OUT VAT		
	10	ONCE V-303 CLEANED, DO NOT USE FOR ANY OTHER SERVICE WHILE CAMPAIGNING DALAMAR CODES YT-858-D, YT-868-D, YT-839-P, YT-840-P		

303	11	RUN 24" (583G) WATER INTO V-303 & HEAT TO 55-60 DEG F		
3	12	POUR IN M 8, 49.83 %	64	7-D 32
	13	WEIGH & SIFT IN FROM S2 NOTE: BREAK UP LUMPS LOT #100% %		46-C 88
	14	STIR 45 MIN TO DISSOLVE FOR S11 AT 55-60 F	95	

DV	15	DURING S14 RUN IN 10" (323 G) WATER MAY 20 1981		
4		INTO V- 300		
	16	DUMP IN & STIR 5 MIN.	5	777-A
	17	TURN DV TIGHT & LEAVE PRESS TO PRECOAT		

(Signature)

EQUIP MENT		PAGE 2 OF 4 CG 46 CODE YT-858-D (X)	USE LBS	N-CODE	ACCT LBS
303. 118	5	WHEN S13 STIR COMPLETE WEIGH M <u>7</u> , <u>32.93</u> %		725-A	26
		POUR IN & STIR 5 MIN.			
	119	ADJ TO 60-62 DEG F, RECORD TEMP <u>60</u> DEG F	<u>330</u>	57-A	<u>330</u>
	120	SIPHON IN IN 4-6 MIN. M <u>7</u> , <u>79.03</u> %		30-D	189
	121	ADJ TO 49" (1175G) AT 66-70 DEG. F		57-A	
	122	STIR 5 MIN & RECORD: PH <u>4.3</u> (4.1-4.5)			
	123	IF NECESSARY, ADJ TO PH 4.1-4.5 ASSUME 77%		30-D	
		& RECORD: PH _____ ASSUME 50%		7-D	
	124	STIR 3 HRS MINIMUM FOR S51 MAINTAINING 66-70 DEGREES F			
		RECORD: START <u>10: PM</u> TOTAL MIN. _____		57-A	

DV	125	DURING S 24 STIR RUN <u>10</u> (323 G) WATER INTO V- <u>300</u> CHECK FOR STEAM LEAKS PRIOR TO ADDING WATER IF ANY PRESENT SEE SUPVR.			
6	126	WEIGH IN FROM V-324 M <u>2</u> , <u>32.00</u> %	<u>1431</u>	28-D	458
	127	DUMP IN FROM S1 LOT #100% %		157-C	974
		<u>294</u> <u>77</u> <u>44.8</u> <u>173</u>			
		<u>299</u> <u>143</u> <u>82.0</u> <u>174</u>			
		<u>294</u> <u>88</u> <u>50.2</u> <u>170</u>			
		<u>298</u> <u>142</u> <u>81.8</u> <u>173</u>			
		<u>298</u> <u>127</u> <u>73.4</u> <u>173</u>			
		<u>299</u> <u>146</u> <u>80.6</u> <u>174</u>			
		<u>299</u> <u>149</u> <u>83.4</u> <u>173</u>			
		<u>296</u> <u>99</u> <u>76.4</u> <u>123</u>			
		<u>21</u> <u>22.4</u> <u>29</u>			
	128	STIR 10 MIN OR LONGER TO WET	<u>14</u>		
	129	ADJ DV TO 37" (1280 G) AT 20-22 DEG. F	<u>12X330</u>	57-A	
	130	SIPHON IN IN 12-15 MIN M <u>7</u> , <u>32.93</u> %	<u>1230</u>	725-A	405
	131	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 34		57-A	
		RECORD: TIME START <u>1:10 AM</u> CR <u>+</u> (+), KI <u>+</u> (+)			
		NOTE:			
		(1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS		28-D	
		ASSUME 32% RECORD: CR _____ (+), KI _____ (+)			
		(2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS		725-A	
		ASSUME 33% RECORD: CR _____ (+), KI _____ (+)			

MISC	132	DURING S31 STIR WEIGH IN DRUMS FOR S38	<u>891</u>	7-D	444
7		M <u>8</u> , <u>49.83</u> %			
	133	WEIGH IN BUGGY FOR S48 M <u>7</u> , <u>79.03</u> %	<u>872</u>	30-D	689

DV	134	WHEN S 31 STIR COMPLETE, DUMP IN	15	113-A	15
8	135	DUMP IN	10	777-A	10
	136	STIR 30 MIN AT 28-32 DEG. F MAINTAINING +CR, +KI FOR S 41		57-A	
		NOTE:			
		(1) IF CR-, ADD 20# "AS IS" INCREMENTS		28-D	
		ASSUME 32% RECORD: CR _____ (+), KI _____ (+)			
		(2) IF CR+, KI- ADD 20# "AS IS" INCREMENTS		725-A	
		ASSUME 33% RECORD: CR _____ (+), KI _____ (+)			

EMPL MENT		PAGE 3 OF 4 CG 46 CODE YT-858-D (X)	USE LBS	N-CODE	ACCT LBS
CV 9	37	DURING S36 STIR, RUN 10" (970G) WATER INTO V-105 & INSTALL TEMP CHART			
	38	POUR IN N-7-D FROM S32			
	39	ADD TO 20" (1948G) AT 66-70 DEG F	3X330	57-A	
	40	CLOSE STACK DAMPER			
DV 10	41	WHEN S36 STIR COMPLETE, TEST DV & RECORD: RECORD: CR <u>+30</u> (+), KI <u>1</u> (+), TEMP <u>30</u> DEG F (28-32 DEG F)		57-A	
		NOTE: (1) IF CR-, KI- ADD 20# "AS IS" INCREMENTS ASSUME 32% RECORD: CR <u> </u> (+), KI <u> </u> (+) (2) IF CR+, KI- ADD 20# "AS IS" INCREMENTS ASSUME 33% RECORD: CR <u> </u> (+), KI <u> </u> (+)		28-A	
	42	PUMP DV THRU CLARIF PRESS & RETURN TO DV MAINTAINING TEMP AT 28-32 DEG F. RECORD: TIME START <u>2:25 AM</u> TOTAL MIN <u>130</u>		725-A	
		NOTE: 1) RETURN DIAZO FILTRATE TO DV UNTIL CLEAR AND FREE OF SOLIDS. FILTER SOME DIAZO THRU FILTER PAPER TO DETERMINE IF FREE OF ANY SOLIDS.			
	43	WHEN OK, START COLLECTING IN V-315 MAINTAINING TEMP AT 28-32 DEG F. NOTE: CHECK DV COLLECTION VAT FOR STEAM LEAK, IF VALVE NOT HOLDING OPEN & CLOSE. IF STEAM STILL LEAKING SEE SUPVR. BEFORE ADDING DIAZO TO DV COLLECTION VAT.			
MISC 11	44	DISSOLVE IN 20 GAL WATER IN DRUM FOR S65	67	979-D	67
CV 12	45	DUMP IN FROM S2 LOT #100% NOTE: BRK UP LUMPS <u>800</u> <u>05030</u> <u>300</u> <u>93.6</u> <u>214</u> <u>07630</u> <u>300</u> <u>98.2</u> <u>217</u> <u>03170</u> <u>63</u> <u>20.4</u> <u>70</u>		46-C	1265
	46	STIR 10 MIN TO DISSOLVE			
	47	OPEN STACK DAMPER			
	48	RUN IN N30D FRM S33 UNDR SURFACE IN 20-25MIN			
	49	STIR 5 MIN & RECORD: PH <u>5.8</u> (5.8-6.3)			
	50	IF NECESSARY, ADJ TO PH 5.8-6.3 ASSUME 50% & RECORD: PH <u> </u> ASSUME 77%		7-D	
	51	WHEN S24 STIR COMPLETE, RUN INV-303 ON SURFACE AFAP RECORD: TIME START <u>2:05 PM</u>		30-D	
DV 13	52	WHEN S42 COMPLETE, WASH DV LINES, PUMP & PRESS FOR 20 MIN. OR TO A - CR TEST ON A SMPL OF TOTAL PRESS EFFLUENT, WHICH EVER COMES FIRST - COLLECT WASHINGS IN DV (S42)			
	53	STIR 5 MIN & RECD: TEMP <u>30</u> (28-32 DEG F) & IF NECESSARY, ADJ TO 28-32 DEG F RECORD: DEG F.	3X330	57-A	270

MAKING INSTRUCTIONS BATCH UNIT

EQUIP MENT		PAGE 4 OF 4 CG 46 CODE YT-858-D (X)	USE LBS	N-CODE	ACCT LBS
DV 13 CONT	54 55 56 57 58 59 60	SAMPLE DV & FILTER THRU FILTER PAPER & SHOW RESULTS TO SUPERVISOR FOR OK RESULTS IF ANY CARBON BLACK PRESENT PUMP DIAZO TO ORIGINAL DV MAINTAINING 28-32 DEG F & RE- CLARIFY TO DIAZO CV MAINTAINING 28-32 DEG F IF RECLARIFICATION NECESSARY & WHEN COMPLETED, REPEAT TEST PER S54 RESULTS RECORD: VAT IF S54 TEST RESULTS OK, OMIT STEPS 55 & 56 AND PROCEED TO S58 WEIGH IN RUBBER BUCKET & WASH INTO DV STIR 5 MIN & RECORD: KI <u>+</u> (-) IF NECESSARY ADJ TO -KI & RECORD: KI <u>10</u>	10 <u>10</u>	395-D 395-D	10 <u>10</u>
CV 14	61 62	WHEN S60 COMPLETE, ADJ CV TO 38" (370BG) AT 80-84 DEG F & RECORD: HT <u>82</u> DEG F, RECORD: VAT <u>35</u> REC <u>82</u> DEG F IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F, RECORD: TIME START <u>2:50 A</u> TOTAL MIN <u>6:35</u> NOTE: IMMEDIATELY AFTER COUPLING DISCONNECT TRANSFER LINE AT CV			
CV 15	63 64 65 66 67 68 69 70	WHEN S62 COMPLETE, STIR 10 MIN RECORD: DIAZO <u>-</u> (-) BASE <u>+</u> (+) PH <u>4.3</u> (4.3-4.7) NOTE: (1) IF DIAZO +, BASE -, & PH BELOW 4.3; (A) ADJ TO PH 4.3-4.7 ASSUME 50% (B) RECORD: PH (2) IF DIAZO +, BASE -, & PH 4.3 OR ABOVE; (A) ADD 8# 100% N-7-D TO A 55 G DRUM (B) ADJ WITH WATER TO #25 G (C) ADD 20# 100% N-46-C (D) STIR TO DISSOLVE (E) POUR INTO CV (F) STIR TO MIN. (3) REPEAT (1) & (2) ABOVE AS NECESSARY TO - DIAZO, + BASE DUMP IN N-979-A FROM S 44 HEAT TO 200-204 DEG F IN 40-45 MIN STIR 30MIN AT 200-204DEG F RECORD: TIME <u>11:58 PM</u> SHUT OFF STEAM RECORD PH <u>4.3</u> (4.2-4.7) RECORD VAT FREE BOARD <u>12"</u> FLOOD TO 94" (9174G) & STOP AGITATOR		7-D 7-D 46-C	
		START <u>8:30 P</u> <u>11:00 PM</u> <u>2:00 PM</u> <u>12:00 M</u>	FIN <u>11: PM</u> <u>2 AM</u> <u>12:00 PM</u> <u>12:45 PM</u>	OPTR <u>223</u> <u>409</u> <u>85</u> <u>144</u>	

DELAY PRESS DEVELOPED A BLEED
1 HR AFTER CLARIFYING - MAKING IT
NECESSARY TO PUMP 315 BACK TO 300.

