S.V. 105, 106 C.V.(303-V OXIMINO ONLY) D.V. 300 303 315 317, 322 323 DATE PRINTED: 5/24/82

CG '46 CODE YT-858-D PKG ___

MAY 25 1982 (DATE) F2H14 (LOT NUMBER)

PROCESSES
( )YT-858-D (D)
( ) ( )
( ) ( )

APPROVED BY
JJG 4-6-81
EWK 10/15/81

TYPED BY: JMH

EST. WT. 2244* LBS. STANDARD HRS. _____ TIME 3 P M

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

WESTPRESS

EQUIPMENT			NAME: DALAMAR YELLOW	USE LBS	N-CODE	BLEEDING ACCT LBS
PREP 1		1	OBTAIN FOR S27 (5-NITRO-2-AMINOANISOLE)		557-C	
		2	OBTAIN FOR S'S 13 & 45 (ACETO ACET ORTHO ANISIDIDE)		46-C	
		3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
303 2	✓	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 (HYDROCHLORIC ACID) ASSUME 32%	___✓___	28-D	_____
	✓	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 & SEWER (SODIUM HYDROXIDE) 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 YC-39-A, YC-40-A, YT-858-D, YT-868-D, YT-839-P, YT-840-P.			
303 3	✓	11	RUN 24" (583G) WATER INTO V-303 & HEAT TO 55-60 DEG F			
	✓	12	POUR IN (SODIUM HYDROXIDE) M 9 , 48.59 %	65	7-D	32
	✓	13	WEIGH & SIFT IN FROM S2 (ACETO ACET ORTHO ANISIDIDE) NOTE: LOT #100% % BREAK UP LUMPS. _____ _____ 94.6	93	46-C	88
	✓	14	STIR 45 MIN TO DISSOLVE FOR S18 AT 55-60 F		MAY 26 1982	
DV 4	✓	15	DURING S14 RUN IN 10" (323 G) WATER INTO V-300			
	✓	16	DUMP IN & STIR 5 MIN. (DICALITE FILTER AID)	5	777-A	5
	✓	17	PUMP DV THRU CLARIF PRESS TO PRECOAT			
303 5	✓	18	WHEN S14 STIR COMPLETE WEIGH M 9 , 33.36 %	28	725-A	26
	✓	19	POUR IN & STIR 5 MIN (SODIUM NITRITE). ADJ TO 60-62DEG F, RECORD TEMP 60 DEG F	1032	57-A	220
	✓	20	SIPHON IN IN 4-6 MIN (ACETIC ACID) M 1 , 68.93 %		30-D	189

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EQUIPMENT		PAGE 2 OF 4 CG 46 CODE YT-858-D (D)	USE LBS	N-CODE	ACCT LBS
303	21	ADJ TO 49" (1175G) AT 66-70 DEG. F (ICE)	1X330	57-A	330
5	22	STIR 5 MIN & RECORD: PH 4.3 (4.1-4.5)			
CONT.	23	IF NECESSARY, ADJ TO PH 4.1-4.5 AND RECORD			
		PH_____ (ACETIC ACID) ASSUME 70%		30-D	
		(SODIUM HYDROXIDE) ASSUME 50%		7-D	
	24	STIR 3 HRS MINIMUM FOR S51 MAINTAINING			
		66-70 DEGREES F			
		RECORD: START 7:05PM TOTAL MIN. 180		57-A	
DV	25	DURING S 24 STIR RUN 17" (595 G) WATER			
6		INTO V-300 CHECK FOR STEAM LEAKS PRIOR			
		TO ADDING WATER. IF ANY PRESENT SEE SUPVR.			
	26	WEIGH IN FROM V-324 (HYDROCHLORIC ACID)			
		M 1 , 29.89 %	[illegible]	28-D	458
	27	DUMP IN FROM S1 LOT #100% %		557-C	974
		(5-NITRO-2- 393 974 100.	974		
		AMINOANISOLE)			
	28	STIR 10 MIN OR LONGER TO WET			
	29	ADJ DV TO 37" (1280 G) AT 20-22 DEG F (ICE)	15 X330	57-A	4950
	30	SIPHON IN IN 12-15 MIN (SODIUM NITRITE)			
		M 9 , 33.36 %	[illegible]	725-A	405
	31	STIR 30 MIN AT 28-32 DEG F MAINTAINING			
		+ CR, + KI FOR S 34	✓	57-A	
		RECORD: TIME STRT 1:45 , CR + (+), KI + (+)			
		NOTE: (1) IF CR-, KI-, ADD 20# "AS IS"			
		INCREMENTS (HYDROCHLORIC ACID). ASSUME 32%	✓	28-D	
		RECORD: CR_____(+), KI_____(+)			
		(2) IF CR+,KI-, ADD 20# "AS IS" INCREMENTS			
		(SODIUM NITRITE). ASSUME 33%	✓	725-A	
		RECORD: CR_____(+), KI_____(+)			
MISC	32	DURING S31 STIR WEIGH IN DRUMS FOR S38			
7		(SODIUM HYDROXIDE) M 9 , 49.59 %	895	7-D	444
	33	WEIGH IN BUGGY FOR S48 M 1 , 68.93 %	[illegible]	30-D	689
		(ACETIC ACID)			
DV	34	WHEN S31 STIR COMPLETE, DUMP IN (ACTIVATED	15	113-B	15
8		CARBON)			
	35	DUMP IN (DICALITE FILTER AID)	10	777-A	10
	36	STIR 30 MIN AT 28-32 DEG. F MAINTAINING	✓	57-A	
		+CR, +KI FOR S41. NOTE: (1) IF CR-, ADD			
		20# "AS IS" INCREMENTS (HYDROCHLORIC ACID)			
		ASSUME 32% RECORD: CR + (+), KI + (+)		28-D	
		(2) IF CR+, KI- ADD 20# "AS IS" INCREMENTS			
		(SODIUM NITRITE). ASSUME 33%		725-A	
		RECORD: CR_____(+), KI_____(+)			
CV	37	DURING S36 STIR, RUN 10" (970G) WATER			
9		INTO V-106 & INSTALL TEMP CHART			
	38	POUR IN N-7-D (SODIUM HYDROXIDE) FROM S32			
	39	ADJ TO 20" (1948G) AT 66-70 DEG F	3X330	57-A	990
	40	CLOSE STACK DAMPER			

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EQUIPMENT		PAGE 3 OF 4 CG 46 CODE YT-858-D (D)	USE LBS	N-CODE	ACCT LBS
DV 10	41	WHEN S36 STIR COMPLETE, TEST DV & RECORD: RECORD: CR___+___(+),KI___+___(+), TEMP_30___DEG F (28-32 DEG F)	✓	57-A	
		NOTE: (1) IF CR-, KI- ADD 20# "AS IS" INCREMENTS (HYDROCHLORIC ACID) ASSUME 32% RECORD: CR_____(+),KI_____(+)	✓	28-A	
		(2) IF CR+,KI- ADD 20# "AS IS" INCREMENTS (SODIUM NITRITE). ASSUME 33% RECORD: CR_____(+),KI_____(+)	✓	725-A	
	42	PUMP DV THRU CLARIF PRESS & RETURN TO DV MAINTAINING TEMP AT 28-32 DEG F, RECORD: TIME START_2:45Pm TOTAL MIN_130_ 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.			
	43A	START V-315 AGITATOR. CHOP & ADD ICE, THEN SHUT OFF AGITATOR.	3 X330	57-A	990
	43B	WHEN OK, START COLLECTING IN DV 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 (IGEPAL CO-630) IN 20 GAL WATER IN DRUM FOR S65	67	979-D	67
CV 12	45	DUMP IN FROM S2 LOT #100% % (ACETO ACET ORTHO_11510 400 94.8 ANISIDIDE) 11490 400 93.2 NOTE: BREAK UP 11500 465 93.6 LUMPS.	424 430 497	46-C	1265
	46	STIR 10 MIN TO DISSOLVE			
	47	OPEN STACK DAMPER			
	48	RUN IN N30D FRM S33 UNDR SURFCE IN 20-25MIN			
	49	STIR 5 MIN & RECORD: PH___5.9___(5.8-6.3)			
	50	IF NECESSARY, ADJ TO PH 5.8-6.3 & RECORD PH_____ (SODIUM HYDROXIDE) ASSUME 50%	____	7-D	____
		(ACETIC ACID) ASSUME 70%	____	30-D	____
	51	WHEN S24 STIR COMPLETE, RUN IN V-303 ON SURFACE AFAP RECORD: TIME START_10:05PM			
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 & RECRD:TEMP_35___(28-32 DEG F) & IF NECESSARY, ADJ TO 28-32 DEG F RECORD: ___89___DEG F, ___59___"	2 [illegible]	57-A	660
	54	SAMPLE DV & FILTER THRU FILTER PAPER & SHOW RESULTS TO SUPERVISOR FOR OK RESULTS_OK___			
	55	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			
	56	IF RECLARIFICATION NECESSARY & WHEN COMPLETED, REPEAT TEST PER S54 RESULTS_____ RECORD: VAT_____"			

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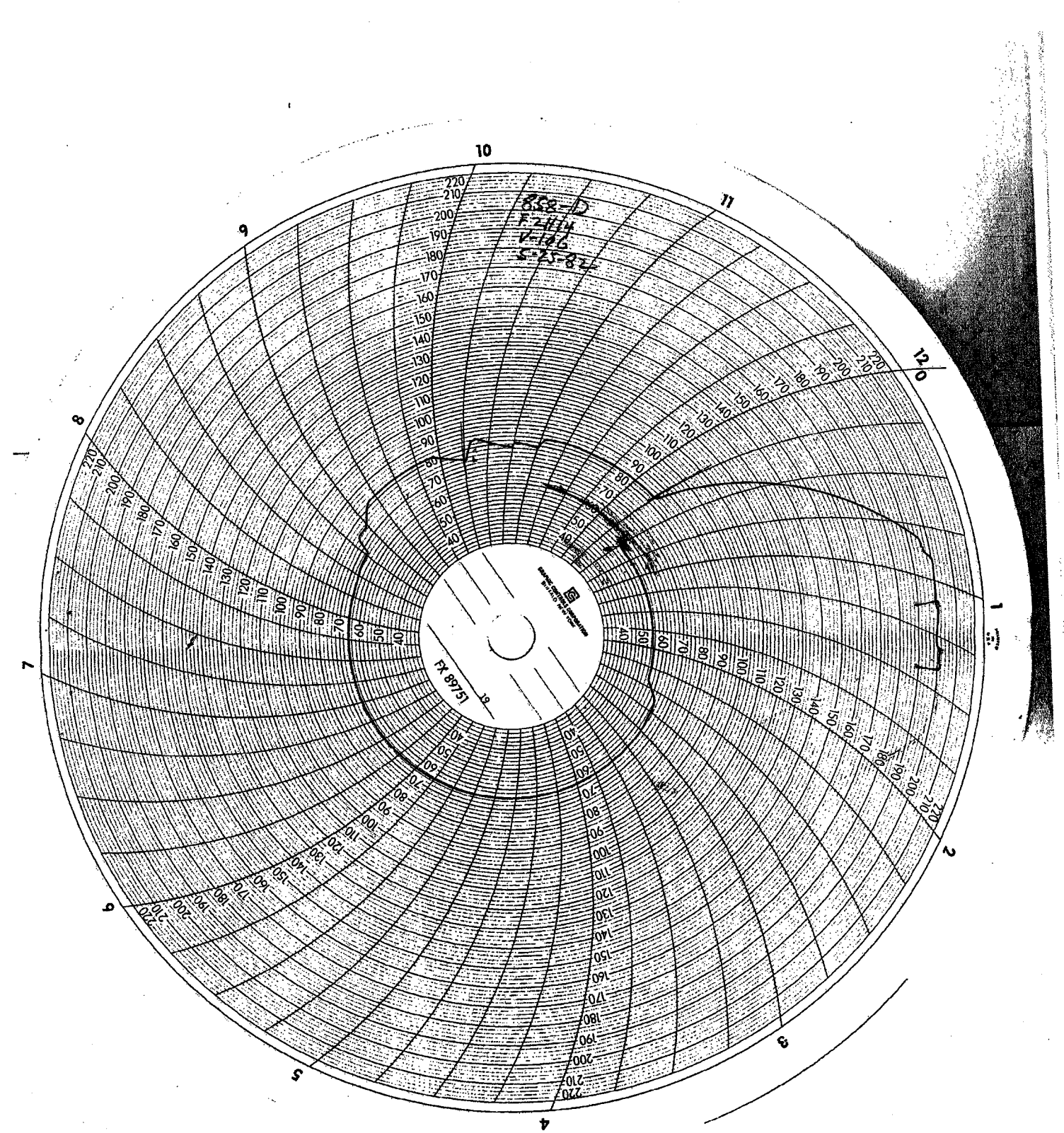
EQUIPMENT		PAGE 4 OF 4 CG 46 CODE YT-858-D (D)	USE LBS	N-CODE	ACCT LBS
DV 13 CONT	57	IF S54 TEST RESULTS OK, OMIT STEPS 55 & 56 AND PROCEED TO S58			
	58	WEIGH IN RUBBER BUCKET & WASH INTO DV (SULFAMIC ACID)	10	395-D	10
	59	STIR 5 MIN & RECORD: KI ✓ (-)			
	60	IF NECESSARY ADJ TO -KI & RECORD: KI — (SULFAMIC ACID)	15	395-D	15
CV 14	61	WHEN S60 COMPLETE, ADJ CV TO 38" (3708G) AT 80-84 DEG F & RECORD: HT 82 DEG F, RECORD: VAT _____ REC 82 DEG F			
	62	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F, RECORD: TIME START 10:20 PM TOTAL MIN 60			
		NOTE: IMMEDIATELY AFTER COUPLING DISCONNECT TRANSFER LINE AT CV			
	63	WHEN S62 COMPLETE, STIR 10 MIN			
	64	RECORD: DIAZO — (-) BASE + (+) PH 4.3 (4.3-4.7)			
		NOTE:			
		(1) IF DIAZO +, BASE -, & PH BELOW 4.3;			
		(A) ADJ TO PH 4.3-4.7 (SODIUM HYDROXIDE) ASSUME 50%	_____	7-D	_____
		(B) RECORD: PH _____			
		(2) IF DIAZO +, BASE -, & PH 4.3 OR ABOVE;			
		(A) ADD 8# 100% N-7-D TO A 55 G DRUM (SODIUM HYDROXIDE)	_____	7-D	_____
		(B) ADJ WITH WATER TO #25 G			
		(C) ADD 20# 100% N-46-C (ACETO ACET ORTHO ANISIDIDE).	_____	46-C	_____
		(D) STIR TO DISSOLVE			
		(E) POUR INTO CV			
		(F) STIR 10 MIN.			
		(3) REPEAT (1) & (2) ABOVE AS NECESSARY TO - DIAZO, + BASE			
	65	DUMP IN N-979-D (IGEPAL CO-630) FROM S44			
	66	HEAT TO 200-204 DEG F IN 40-45 MIN			
	67	STIR 30MIN AT 200-204DEG F RECORD: TIME 1:00 A			
	68	SHUT OFF STEAM			
	69	RECORD PH 4.3 (4.2-4.7)			
		RECORD VAT FREE BOARD 13"			
	70	FLOOD TO 94" (9174G) & STOP AGITATOR			

START	FIN	OPTR
7 AM	3 PM	223
3:00 P.M	11:00 PM	37
11:00 P	1:30 A	126



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