S.V. 105 106 C.V.(303-V OXIMINO ONLY)D.V. 300 303 315 317,322,323

CG 46 CODE YT-839-P - PKG ___ PROCESSES APPROVED BY

JUN 2 1982 F2J17 ( )YT-839-P (B) JJG 4-6-81

(DATE) (LOT NUMBER) ( ) ( ) EWK 10/15/81

( ) ( )

TYPED BY: JMH

EST. WT. 2156* LBS. STANDARD HRS. _____ TIME _____M

WEST - Press

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

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.		JUN 4 1982	
303 3	11	~~RUN 24" (583G) WATER INTO V-303 & HEAT TO 55-60 DEG F~~			
	12	~~POUR IN (SODIUM HYDROXIDE) M~~ 9 , 99 %	_____	7-D	32
	13	~~WEIGH & SIFT IN FROM S2 (ACETO ACET ORTHO ANISIDIDE) NOTE: LOT ÷100% %~~ ~~BREAK UP LUMPS.~~ 1940 88 943	93	46-C	88
	14	~~STIR 45 MIN TO DISSOLVE FOR S18 AT 55-60 F~~			
DV 4	15	~~DURING S14 RUN IN 10" (323 G) WATER INTO V-~~ 300			
	16	~~PUMP IN & STIR 5 MIN.~~ (DICALITE FILTER AID)	5	727-A	5
	17	~~PUMP DV THRU CLARIF PRESS TO PRECOAT~~			
303 5	18	~~WHEN S14 STIR COMPLETE WEIGH M~~ 1 , _____ %	_____	725-A	26
	19	~~POUR IN & STIR 5 MIN (SODIUM NITRITE).~~ ~~ADJ TO 60-62DEG F, RECORD TEMP~~ 60 DEG F	_____	57-A	_____
	20	~~SIPHON IN IN 4-6 MIN (ACETIC ACID)~~ M_____/_____%	_____	30-D	189

EQUIPMENT		PAGE 2 OF 4 CG 46 CODE YT-839-D (B)	USE LBS	N-CODE	ACCT LBS
303 5 CONT.	21	ADJ TO 49° (1175G) AT 66-70 DEG. F (ICE)		57-A	
	22	STIR 5 MIN & RECORD: PH 4.12 (4.1-4.5)			
	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 8:40pm TOTAL MIN. _____		57-A	
DV 6	25	DURING S 24 STIR RUN 17° (595 G) WATER INTO V-300 CHECK FOR STEAM LEAKS PRIOR TO ADDING WATER. IF ANY PRESENT SEE SUPVR.			
Note: 587 °F N26 D AS IN V300	26	WEIGH IN FROM V-324 (HYDROCHLORIC ACID) M 1 , _____ %		28-D	458
	27	DUMP IN FROM S1 (5-NITRO-2-AMINOANISOLE) LOT #100% 20695 974 lbs	974	557-C	974
	28	STIR 10 MIN OR LONGER TO WET			
	29	ADJ DV TO 37° (1280 G) AT 20-22 DEG F (ICE)	12X330	57-A	3960
	30	SIPHON IN IN 12-15 MIN (SODIUM NITRITE) M 1 , _____ %	12	725-A	405
	31	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 34		57-A	
		RECORD: TIME STRT 0230, 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 7	32	DURING S31 STIR WEIGH IN DRUMS FOR S38 (SODIUM HYDROXIDE) M _____ , _____ %		7-D	444
	33	WEIGH IN BUGGY FOR S48 M _____ , _____ % (ACETIC ACID)		✓ 30-D	689
DV 8	34	WHEN S31 STIR COMPLETE, DUMP IN (ACTIVATED CARBON)	15	113-B	15
	35	DUMP IN (DICALITE FILTER AID)	10	777-A	10
	36	STIR 30 MIN AT 28-32 DEG. F MAINTAINING +CR, +KI FOR S41. NOTE: (1) IF CR-, ADD 20# "AS IS" INCREMENTS (HYDROCHLORIC ACID) ASSUME 32% RECORD: CR + (+), KI + (+)		57-A	
		(2) IF CR+, KI- ADD 20# "AS IS" INCREMENTS (SODIUM NITRITE). ASSUME 33%		28-D	
		RECORD: CR _____ (+), KI _____ (+)		725-A	
CV 9	37	DURING S36 STIR, RUN 10° (970G) WATER 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	
	40	CLOSE STACK DAMPER			

EQUIPMENT		PAGE 3 OF 4 CG 46 CODE YT-839-P (B)	USE LBS	N-CODE	ACCT LBS
DV 10	41	WHEN S36 STIR COMPLETE, TEST DV & RECORD: RECORD: CR_____(+),KI_____(+), TEMP__29__DEG F (28-32 DEG F)	_____	57-A	_____
		NOTE: (1) IF CR-, KI- ADD 20# "AS IS" INCREMENTS (HYDROCHLORIC ACID) ASSUME 32%	_____	.28-A	_____
		RECORD: CR_____(+),KI_____(+) (2) IF CR+,KI- ADD 20# "AS IS" INCREMENTS (SODIUM NITRITE). ASSUME 33%	_____	725-A	_____
		RECORD: CR_____(+),KI_____(+)			
	42	PUMP DV THRU CLARIF PRESS & RETURN TO DV MAINTAINING TEMP AT 28-32 DEG F, RECORD: TIME START 11:45AM TOTAL MIN 195			
		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,	6 2X330	57-A	1980
	43B	THEN SHUT OFF AGITATOR.			
		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% %		46-C	1265
		(ACETO ACET ORTHO 11510 600 94.6 636			
		ANISIDIDE) 11480 600 96.4 624			
		NOTE: BREAK UP 11440 65 94.3 69			
		LUMPS. _____ _____ _____			
	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 6.3 (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 320P			
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 30 (28-32 DEG F)	_____	57-A	_____
		& IF NECESSARY, ADJ TO 28-32 DEG F RECORD: _____DEG F, 28			
	54	SAMPLE DV & FILTER THRU FILTER PAPER & SHOW RESULTS TO SUPERVISOR FOR OK RESULTS_____			
	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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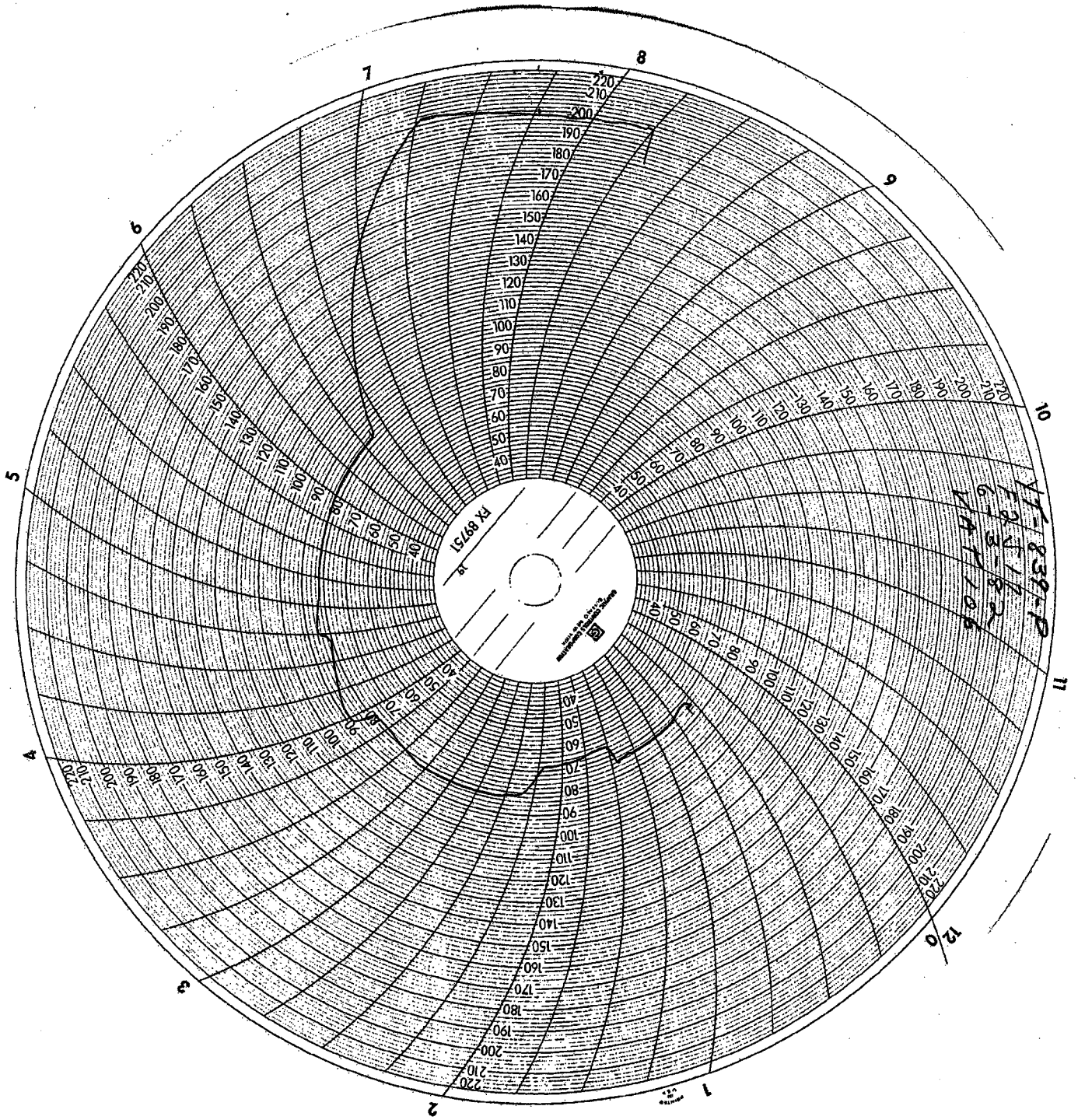
EQUIPMENT		PAGE 4 OF 4 CG 46 CODE YT-839-P (B)	USE LBS	N-CODE	ACCT LBS
DV 13 CONT	57	IF S54 TEST RESULTS OK, OMIT STEPS 55 & 56 AND PROCEED TO S58			
	58	WEIGH IN RUBBER BUCKET & WASH INTO DV (SULFAMIC ACID)	10	395-D	10
	59	STIR 5 MIN & RECORD: KI_____(-)			
	60	IF NECESSARY ADJ TO -KI & RECORD: KI_____ (SULFAMIC ACID)	_____	395-D	_____
CV 14	61	WHEN S60 COMPLETE, ADJ CV TO 38" (3708G) AT 80-84 DEG F & RECORD: HT 82 DEG F, RECORD: VAT_____ REC 86 DEG F			
	62	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F, RECORD: TIME START 4 pm TOTAL MIN 65			
		NOTE: IMMEDIATELY AFTER COUPLING DISCONNECT TRANSFER LINE AT CV			
	63	WHEN S62 COMPLETE, STIR 10 MIN			
	64	RECORD: DIAZO — (-) BASE + (+) PH 4.0 (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%	120	7-D	60
		(B) RECORD: PH 4.5			
		(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 7:30 P			
	68	SHUT OFF STEAM			
	69	RECORD PH 4.3 (4.2-4.7)			
		RECORD VAT FREE BOARD ± 12			
	70	FLOOD TO 94" (9174G) & STOP AGITATOR			

START	FIN	OPTR
6.30 pm	11 pm	438
10 P.M.	3 P.M.	54
3 pm	8 pm	438



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