CG 46 CODE YT-839-P PKG ___

JUN 3 1982 F2J18

(DATE) (LOT NUMBER)

PROCESSES
( )YT-839-P (B)
( ) ( )
( ) ( )

APPROVED BY
JJG 4-6-81
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

BLEEDING

EQUIPMENT		NAME: DALAMAR YELLOW	USE LBS	N-CODE	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, 49.59 %	65	7-D	32
	13	WEIGH & SIFT IN FROM S2 (ACETO ACET ORTHO ANISIDIDE) NOTE: LOT: #100% % BREAK UP LUMPS: 11440 94.3	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	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 %	78	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 1, 68.93 %	274	30-D	189

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EQUIPMENT		PAGE 2 OF 4 CG 46 CODE YT-839-D (B)	USE LBS	N-CODE	ACCT LBS
303	21	ADJ TO 49" (1175G) AT 66-70 DEG. F (ICE)	3X330	57-A	3X330
5	22	STIR 5 MIN & RECORD: PH 12.1 (4.1-4.5)			
CONT.	23	IF NECESSARY, ADJ TO PH 4.1-4.5 AND RECORD			
		PH 4.2 (ACETIC ACID) ASSUME 70%	7	30-D	6
		(SODIUM HYDROXIDE) ASSUME 50%		7-D	
	24	STIR 3 HRS MINIMUM FOR S51 MAINTAINING			
		66-70 DEGREES F			
		RECORD: START 7:30 Pm 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 %	1532	28-D	458
	27	DUMP IN FROM S1 LOT #100% %		557-C	974
		(5-NITRO-2- Index 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)	12X330	57-A	3960
	30	SIPHON IN IN 12-15 MIN (SODIUM NITRITE)			
		M 9, 33.36 %	1214	725-A	405
	31	STIR 30 MIN AT 28-32 DEG F MAINTAINING			
		+ CR, + KI FOR S 34		57-A	
		RECORD: TIME STRT 9:15 Pm, 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, 68.95 %	1000	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	
	40	CLOSE STACK DAMPER			

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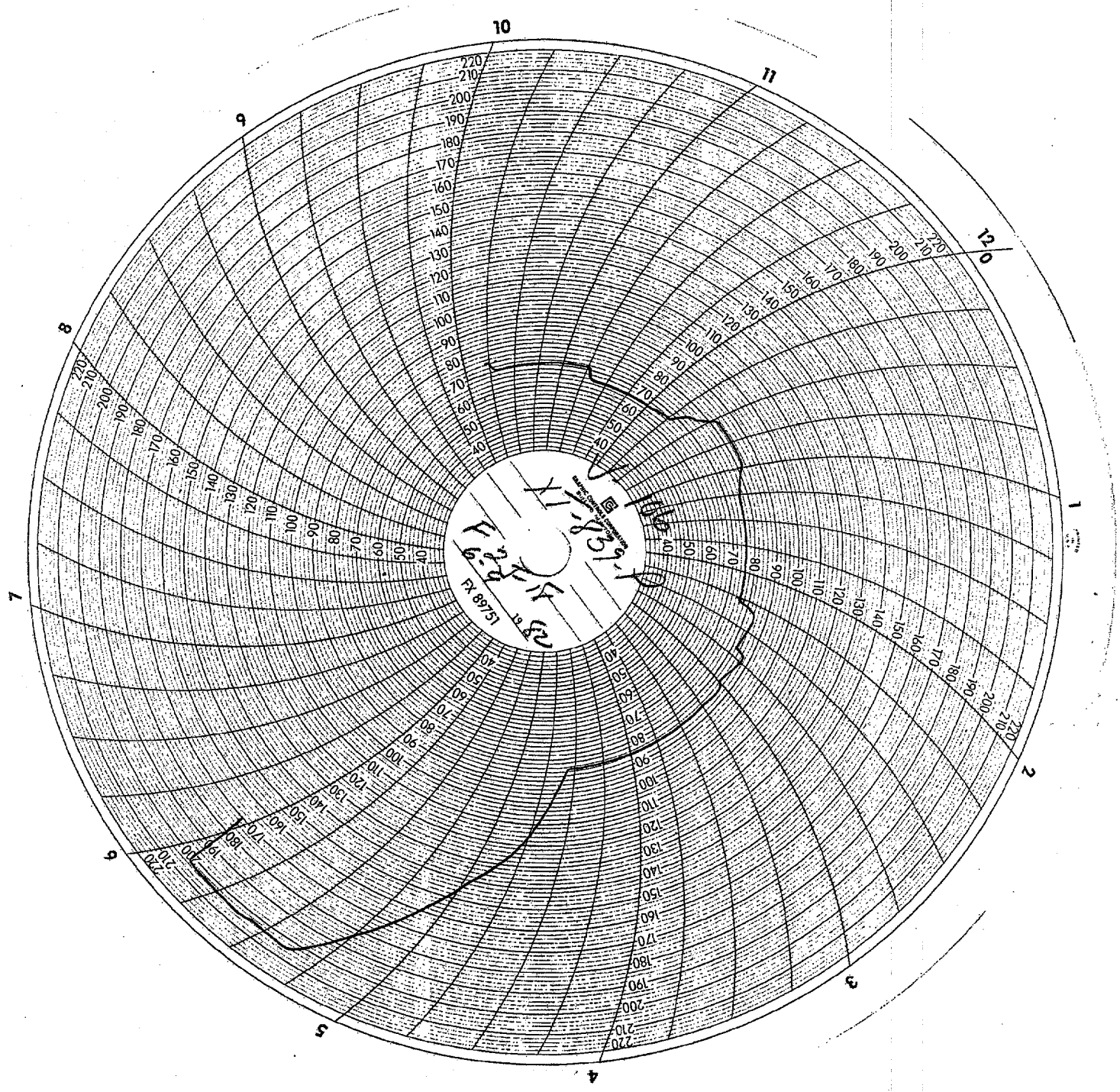
EQUIP MENT		PAGE 3 OF 4 CG 46 CODE YT-839-P (B)	USE LBS	N-CODE	ACCT LBS
DV 10	41	WHEN S36 STIR COMPLETE, TEST DV & RECORD: RECORD: CR_____(+),KI_____(+), TEMP__32____DEG F (28-32 DEG F)	_____	57-A	_____
		NOTE: (1) IF CR-, KI- ADD 20# "AS IS" INCREMENTS (HYDROCHLORIC ACID) ASSUME 32%	_____	28-A	_____
		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 12:55 PM 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-325 AGITATOR, CHOP & ADD ICE,	2X330	57-A	660
	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% % (ACETO ACET ORTHO 11510 = 80Z ÷ 946 848 ANISIDIDE) 11440 = 46.3 ÷ 943 491		46-C	1265
		NOTE: BREAK UP 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 6.2 (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 12:55 AM			
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, _____.			
	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 315			

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 VSt (-)			
	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 106 REC 84 DEG F			
	62	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F, RECORD: TIME START 2:30 A.M 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 5:25 A.M.			
	68	SHUT OFF STEAM			
	69	RECORD PH 4.2 (4.2-4.7)			
		RECORD VAT FREE BOARD 12"			
	70	FLOOD TO 94" (9174G) & STOP AGITATOR			

START	FIN	OPTR
4 Pm	11 Pm	44
11:00 PM	6:10 A.M	381

Delayed N-[illegible] Pump [illegible]



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