S.V. (105) C.V. 260 DATE PRINTED: 4/21/82
D.V. 303, 315, 317, (322), (323)

CG 40 CODE RT-531-D PKG ___ PROCESSES APPROVED BY
JUN 11 1982 F2K27 ( )RT-531-D (N) EWK 11-24-81
(DATE) (LOT) COMTYP JOB NAME: 40RT531DMN
TYPED BY: JMH

EAST PRESS

EST. WT. 643* LBS. STANDARD HRS. _____ TIME _____M

PREPARATION NOTES: SUPV'R NOTE: DO NOT USE V-303 FOR NAPHTHANILS WHEN CAMPAIGNING DALAMARS YC-39-A, YC-40-A, YT-839-P, YT-840-P, YT-858-D, AND YT-868-D.

SEMI-BLEEDING

EQUIPMENT		NAME: NAPHTHANIL RED LIGHT	USE LBS	N-CODE	ACCT LBS
PREP 1	1	OBTAIN 4-NITRO-2-AMINOTOLUENE FOR S6		504-C	
	2	OBTAIN 3-HYDROXY-2-NAPTHYLAMIDE FOR S18		150-C	
	3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
DV 2	4	RUN 14" (486 G) WATER INTO V-322			
	5	RUN IN HYDROCHLORIC ACID FROM V-324 M_____, 29.89 %	422	28-D	126
	6	DUMP IN FROM S1 LOT 4-NITRO-2-AMINOTOLUENE 7852	211	504-C	~~[illegible]~~ 211
	7	[redacted]			
		[redacted] STIR 15 MIN TO WET [redacted]		[redacted]	[redacted]
	8	ADJ TO 30" (1020 G) AT 40-45 DEG F	STOX330	57-A	1650
	9	SIPHON IN SODIUM NITRITE IN 7-10 MIN M_____, 33.36 %	285	725-A	95
	10	STIR 5 MIN & RECORD: CR + (+), KI + (+) NOTE: (1) IF CR-, KI- ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR_____(+) KI_____(+)	_____	28-D	_____
		(2) IF CR+, KI- ADD 10# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+) KI_____(+)	_____	725-A	_____
	11	STIR 10 MIN AT 40-45*F MAINTAINING +CR, +KI FOR S13 RECORD: TIME START 9:15PM		JUN 17 1982	
MISC 3	12	SLURRY DICALITE FILTER AID IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS	5	777-A	5
DV 4	13	WHEN S11 STIR COMPLETE DUMP IN ACTIVATED CARBON	15	113-B	15
	14	DUMP IN DICALITE FILTER AID	10	777-A	10
	15	STIR 30 MIN AT 40-45 DEG F ASSUME 33%	_____	725-A	_____
		MAINTAINING +KI FOR S23. RECORD: START 9:25PM KI + (+) CR+	_____	57-A	_____
~~330~~ 5 313	16	RUN 13" (177G) WATER INTO ~~V-330~~ V-313			
	17	SLURRY TRISULPHOIL SOAP D IN 25G WATER & POUR IN	16	39-A	16
	18	DUMP IN 3-HYDROXY-2-NAPTHYLAMIDE FROM S2 & STIR 30 MIN OR LONGER TO WET. LOT RECORD: START 9:30PM 6950	370	150-C	370
		use Pfister N 50-C only			

DUP050047522

EQUIPMENT		PAGE 2 OF 3 CG 40 CODE RT-531-D (N)	USE LBS	N-CODE	ACCT LBS
302	19	RUN 12" (144G) WATER INTO V-302			
6	20	POUR IN SODIUM HYDROXIDE ASSUME 50%	58	7-D	29
	21	SIPHON IN ACETIC ACID & STIR 3 MIN			
		M_____, 68.93 %	422	30-D	43
	22	RECORD PH 6.9 (6.7-7.5) IF NECESSARY ADJ TO			
		6.7-7.5. ACETIC ACID ASSUME 70%	_____	30-D	_____
		RECORD PH____ SODIUM HYDROXIDE ASSUME 50%	_____	7-D	_____
DV	23	TURN ON V-323 AGITATOR & ADD ICE, THEN	3X330	57-A	990
7		SHUT OFF AGITATOR			
	23A	PUMP DV THRU CLARIF PRESS INTO DV USED IN			
		S 23. MAINTAINING TEMP AT 40-45*F. RECORD:			
		START: 9:55 PM TOTAL MIN 40			
		NOTE: DO NOT USE V-303 - TOO SMALL			
	24	WHEN S23A CLARIF COMPLETE WASH DV (S4)			
		LINES PUMP & PRESS FOR 20 MIN OR TO A -CR			
		TEST ON A SAMPLE OF TOTAL PRESS EFFLUENT			
		WHICHEVER COMES FIRST. COLLECT WASHINGS IN			
		DV (S23) RECORD: START 10:35 PM CR ST__ (-OR+)			
→	25	WHEN S24 IS COMPLETE TEST DV(S23) ASSUME 33%	_____	725-A	_____
		& RECORD: KI__+__(+) TEMP__40__(40-45* F)	_____	57-A	_____
	26	WEIGH SULFAMIC ACID IN RUBBER BUCKET AND			
		RINSE IN AND STIR 5 MIN.	10	395-D	10
	27	RECORD: KI_____. MUST BE - & IF NECESSARY			
		ADJ TO -KI WITH SULFAMIC ACID	2	395-D	2
	28	ADJ TO __56__ * (1925 G) AT 40-45 DEG F	~~1X330~~	~~57-A~~	~~_____~~
105	29	RUN 39" (3900 G) WATER INTO V-~~330~~ 105			
8	30	INSTALL TEMP CHART & SET AGITATOR AT 16 RPM			
~~330~~	31	WHEN S18 STIR COMPLETE, POUR IN SODIUM			
9		HYDROXIDE IN 3-4 MIN. ASSUME 50%	220	7-D	110
313	32	HEAT TO 126-132 DEG F AFAP & STIR 5 MIN TO			
		DISSOLVE. STOP AGITATOR.			
	33	IMMEDIATELY RUN V-330 AFAP INTO CV. NO			
10		AGITATION IN CV. RECORD: START 7:45A			
105		TOTAL MIN _____8__			
	34	POUR IN ACETIC ACID & STIR 5 MIN.			
		M_____, 68.93 %	218	30-D	150
	35	RECORD: PH 11.0 (10.5-11.0) ASSUME 50%	_____	7-D	_____
		IF NECESSARY ADJ TO PH 10.5-11.0			
		RECORD: PH_____ ASSUME 70%	_____	30-D	_____
	36	RUN IN V-302 AFAP			
	37	DUMP IN BARIUM SULFATE	35	65-A	35
	38	HEAT TO 78-82 DEG F AND RECORD:			
		HT__80__DEG F AND REC__80__DEG F			
	39	WHEN S28 COMPLETE, COUPLE DV UNDERSURFACE			
		IN 65-70 MIN. MAINTAIN CV AT 78-82 DEG F			
		RECORD: START 11:45 AM TOTAL MIN __75__			
	40	STIR 5 MIN, DISCONNECT TRANSFER LINE AT CV			
		& RECORD: DIAZO_____ (+/-)			
		BASE__+__(MUST BE +) PH 4.9 (4.2-4.6)			
	41	IF NECESSARY STIR TO - DIAZO RECORD:			
		START_____ TOTAL MIN_____			
		RECORD: DIAZO _____ MUST BE -			
		BASE _____ MUST BE +			
		PH _____ (4.2-4.6)			

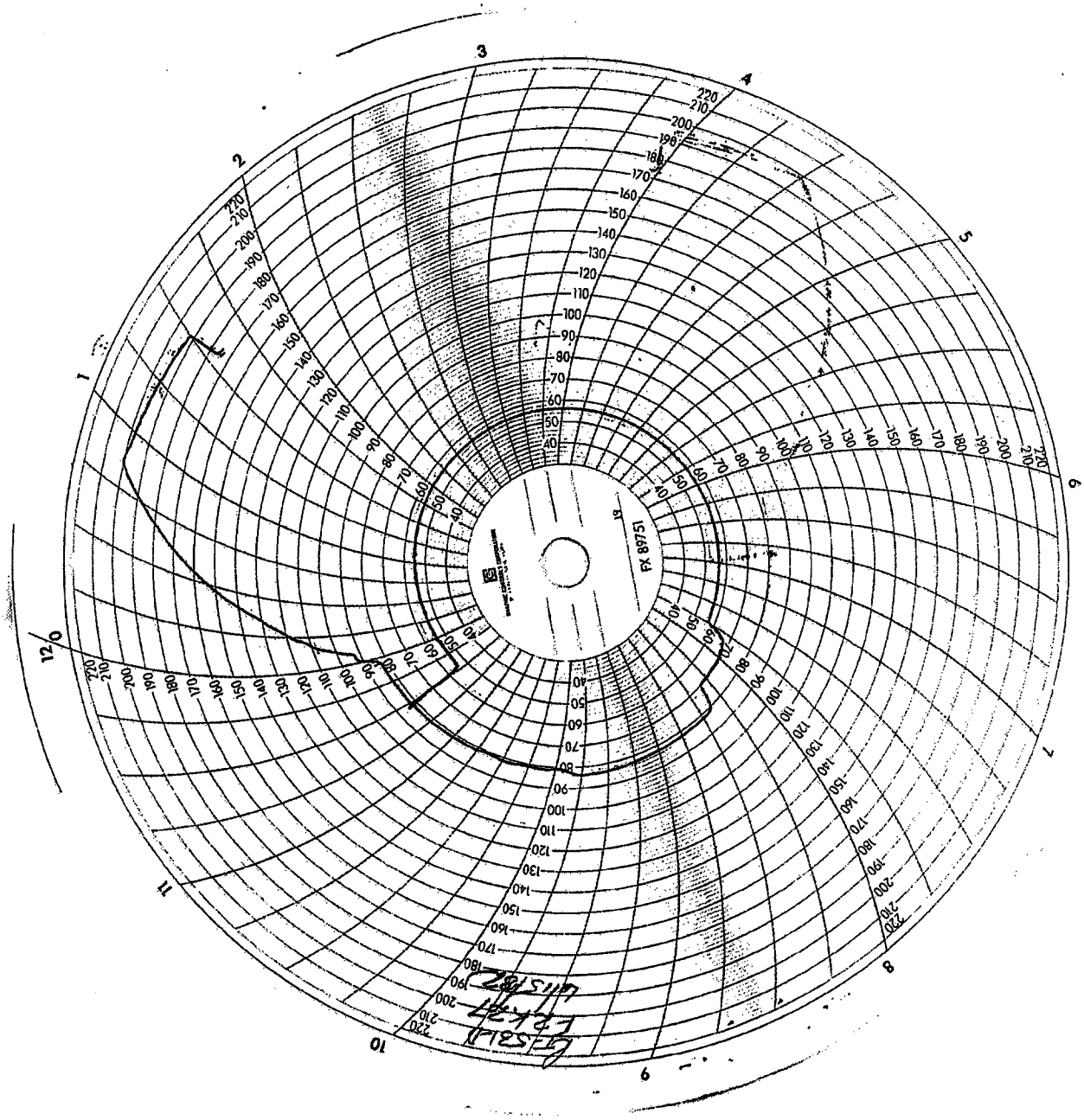
COMTEX JOB NAME : 40RT531DMN PAGE 03 DATE PRINTED:MM/DD/YY

EQUIPMENT		PAGE 3 OF 3 CG 40 CODE RT-531-D (N)	USE LBS	N-CODE	ACCT LBS
MISC 11	42	ADD 30G WATER AT 130-140* TO DRUM FROM HOT WATER MIXER ADD BLANCOL N &STIR FOR S43	30	567-B	30
~~2~~ 12 105	43	POUR IN N-567-B SOLUTION FROM S42			
	44	HEAT TO 194-196 DEG F IN 55-60 MIN AND RECORD: HT 196 DEG F AND REC 196 DEG F			
	45	WHEN S44 HEATING COMPLETE, RUN IN ALUMINUM SULFATE SOLUTION THRU BADGER METER. NOTE: RINSE IN LINE AFTER N-115-D SOL'N RUN IN.	120	115-D	60
	46	STIR 30 MIN AT 194-196 DEG F			
	47	FLOOD TO 80* (7928G) AND STOP AGITATOR			

VAT	V-303	V-315	V-317	V-322	V-323
S4 (486G)	20"	14"	14"	14"	14"
S8 (1020G)	43"	30"	30"	30"	30"

START	FIN	OPTR
6:30pm	11:00pm	320
11:00P	7:00A	126
7	2-P	223

Delay in waiting for Ice



DUP050047525