

OCT 26 1982

(DATE)

CODE RT-618-D PKG

L2H55

(LOT NUMBER)

PROCESSES
() RT-618-D (T)APPROVED BY
EWK 12/8/81

EST. WT. 2470* LBS. STD/ HRS. TIME 3 P.M.

TYPED BY: KLU

COMTYF JOB NAME: 32RT618DMT

PREPARATION NOTES:

split off 1000 by (3 over pressure)**to RT-657-P L2H56-1*

NON-BLEEDING

EQUIP MENT	NAME: WATCHUNG RED Y	USE LBS	N-CODE	ACCT LBS
PREP	1 RECORD: BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15# DICALITE FILTER AID		777-A	
	2 OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5- SULFONIC ACID		740-C	
	3 OBTAIN FOR S24 3-HYDROXY-2-NAPHTHOIC ACID		253-C	
	4 INSTALL DV & CV RECORDER & CONTROLLER CHART NOTE: NOTIFY PRESS ROOM AND ROPE OFF AREA UNDER V-922			
921/ 931	5 RUN 10" (100G) WATER INTO V-931 & ADJ TO 80-100 DEG F			
2	6 ADD IN 1-2 MIN. DRESINATEX	50	530-A	50
	7 STIR 2 MIN & RECORD: PH. 10.0 (9.5-10.5)			
	8 STIR 20 MIN OR LONGER FOR S27			
922 3	9 RUN 30" (320G) WATER INTO V-922			
	10 WEIGH IN V-922 SODIUM HYDROXIDE & RUN IN M. 12, 50.16 %	355	7-D	178
	11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2 2-CHLORO- LOT 100% %		740-C	920
	4-AMINOTOLUENE 322 920 98.57 934			
	5-SULFONIC ACID			
	12 DUMP IN ACTIVATED CARBON	40	113-B	40
	13 DUMP IN DICALITE FILTER AID	10	777-A	10
	14 HEAT TO 212-214 DEG F, RECORD HT. 210 * F, 214 DEG F, WATCH FOAM			
	15 RECORD BY (+), IF NECESSARY ADJ TO +BY SODIUM HYDROXIDE ASSUME 50%		7-D	
	16 STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM WATCH FOAM			
	NOTE: RECORD: SPARKLER PRESSURE 0 PSI IF NOT ZERO, NOTIFY SUPERVISOR			
	17 CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S19 & RECORD: HT. 194 DEG F AND RECORDER 195 DEG F			
	RECORD: START 12:50 P.M. TOTAL MIN 15 CLARITY ON. NOTE: SAMPLE FROM HOSE - SHOW TO SUPERVISOR FOR O.K.			

CHECKWEIGHT

Record on
attached sheet

OCT 28 1982

Q. L.

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-618-D (T)	USE LBS	N-CODE	ACCT LBS
904 4	118 119	RUN 1" (50G) WATER INTO V-904 WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START <u>1105 A.M.</u> , TOTAL MIN <u>10</u>			
MISC 5	120 121 122	WEIGH IN PT FOR S35 SODIUM NITRITE M <u>9</u> , <u>33.36</u> % MEASURE <u>80</u> UNITS IN V-928 FOR S33 HYDROCHLORIC ACID M <u>2</u> , <u>31.51</u> %	<u>884</u> <u>1700</u>	725-A 28-D	295 372
CV 6	123 124 125 126 127	RUN 14" (1330G) WATER INTO V- <u>903</u> WEIGH IN V-926 SODIUM HYDROXIDE & RUN IN M <u>12</u> , <u>50.16</u> % DUMP IN FROM S3 LOT <u>147</u> 3-HYDROXY-2- NAPHTHOIC ACID WEIGH ON PORTABLE SCALE 1 HYDROXY-2-NAPHTHOIC ACID AND DUMP IN LOT ADJ TO 70-90 DEG F & STIR TO DISSOLVE STEAM EJECT V-921/931 INTO CV	<u>897</u> <u>810</u>	7-D 253-C	450 <u>810</u>
722 7	128 129A	WHEN S19 COMPLETE, SHUT OFF PUMP & INSERT V-922 FOOT PLUG RUN IN 10" (207G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER.			
904 8	129B	PUMP V-922 THRU SPARKLER INTO V-904			
922 9	130A	RUN IN 5" (103G) WATER INTO V-922 & HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER			
904 10	130B 131 132 133 134 135 136	PUMP V-922 THRU SPARKLER INTO V-904 WHEN MTY BLOW OUT SPARKLER INTO V-904 HEAT TO 165-170 F (SMPL TO SUPVR FOR D.K.) RUN IN N-28-D FROM S21 IN 12-15 MIN & STIR 5 MIN AT 165-170 DEG F ADJ TO 129" (3409G) AT 28-30 DEG F AND RECORD: TEMP <u>28</u> *F, <u>1.29</u> " ICE RUN IN N-725-A FROM S20 AFAP (5-10 MIN) & RINSE IN PT STIR 30 MIN AT 28-35 DEG F MAINTAINING +CR, +KI FOR S41 AND RECORD: TIME START <u>10:29 A.M.</u> CR <u>+</u> (+), KI <u>+</u> (+) NOTE (1) IF CR-, KI-, ADD 20# AS IS IN- CREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR <u>+</u> (+), KI <u>+</u> (+) (2) IF CR+, KI-, ADD 20# AS IS INCREMENTS SODIUM NITRITE. ASSUME 33% RECORD: CR <u>+</u> (+), KI <u>+</u> (+)	<u>47</u> 47 X330	57-A 28-A 725-A	<u>15510</u>

*CHECK WORK
Revised attached sheet*

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 3 OF 3 CG 32 CODE RT-618-D (T)	USE LBS	N-CODE	ACCT LBS
CV	37	DUMP INTO CV BARIUM SULFATE	35 150	65-A	150
11	38	ADJ TO 33" (3130G) AT 28-32°F ICE	33X336	57-A	11,550
		RECORD: TEMP <u>28</u> DEG F & VOLUME <u>35</u>			
	39	WEIGH IN FROM DRUM AMMONIUM CHLORIDE	212	165-A	212
	40	STIR 2-3 MIN			
	41	IMMEDIATELY COUPLE DV THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 45-60 MIN. MAINTAIN CV AT 28-32 DEG F. RECORD: START <u>10:55 AM</u>		57-A	
		TOTAL MIN <u>47</u>			
	42	STIR 30 MIN & RECORD: BASE <u>+</u> (+), DIAZO <u>-</u> (-), PH <u>9.7</u> (9.0-9.8)			
		FINAL TEMP _____ DEG F			
	43	IF NECESSARY, ADJ TO PH 9.0-9.8 AND RECORD PH _____ SODIUM HYDROXIDE ASSUME 50% HYDROCHLORIC ACID ASSUME 32%		7-D 28-D	
	44	HEAT TO <u>186-188</u> DEG F IN 65-70 MIN AND RECORD: HT _____ DEG F & RECORDER _____ DEG F NOTE: AT 174-176 F, OPEN WATER SPRAY 1 1/4 TURNS			
902	45	RUN 24" (618G) WATER INTO V902			
12	46	TURN ON AGITATOR & STEAM & DUMP IN BARIUM CHLORIDE	1440	16-B	1440
	47	HEAT TO <u>186-188</u> F & STIR TO DISSOLVE			
CV	48	WHEN S44 COMPLETE, IMMEDIATELY STRIKE V902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 7-10 MIN. MAINTAIN CV AT <u>186-188</u> DEG F.			
13		RECORD: START <u>2:37 PM</u> TOTAL MIN <u>10</u>			
	49	HEAT CV TO 198-202 DEG F IN 10-12 MIN			
	50	STIR 5 MIN AT 198-202 DEG F <u>Heated to 197°F</u>			
	51	FLOOD TO 130-120" (+/-18,000G) <u>too much foam</u>			
	52	RECORD: PH <u>8.5</u> (9.0-9.4) & STOP AGITATOR SHUT OFF WATER SPRAYS			
		START <u>11:00 P.M.</u> FIN <u>7:00 P.M.</u> QPTR <u>37</u> <u>5:00 P.M.</u> <u>3:40 P.M.</u> <u>409</u>			
		WHEN INSTRUCTED BY PROCESSING AREA HALF WAY THRU PRESSING, DUMP IN, STIR 5 MIN & STOP AGITATOR. RESUME PRESSING. I-OCTANOL	10	588-A	10

CODE: RT6180 LOT 42435

1-700 - C CHECK-WEIGH & CALCULATE

DRUM STENCILED

NEWARK CHECK-WEIGH

DT	GROSS	TARE	Net	%	GROSS	TARE	NET	#/100%
302			325	98.52	343	18	325	X%AS DECIMAL
302			325	98.52	343	18	325	
302		ST					284	

1-253 - C

147	240	15	225	-	240	15	225
147	240	15	225		240	15	225
147	240	15	225		240	15	225
147		ST					135

8101

