

OCT 11 1982

KENT

EWK 12/7/81

(DATE)

(LOT NUMBER)

COMTYP JOB NAME = 36RT695DMD

TYPED BY: KLW

EST. WT. 2608* LBS.

STANDARD HRS.

TIME 3 P.M.

PREPARATION NOTES:

Bailout V-317

NON-BLEEDING

EQUIP MENT	NAME: 'BON' RED DARK	USE LBS	N-CODE	ACCT LBS
PREP	IF NECESSARY, CLEAN, DRESS SPARKLER & PRE-			
1	COAT WITH 15% DICALITE FILTER AID		777-A	
2	OBTAIN FOR S 6 2-CHLORO-4-AMINO TOLUENE-5		740-C	
	SULFONIC ACID			
3	OBTAIN FOR S 42 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	Bailout V-317	50	9-D	25
317	4 RUN 23" (732G) WATER INTO V-317			
2	5 WEIGH & POUR IN SODIUM HYDROXIDE			
	M 12 Solb %	429	7-D	215
	6 TURN ON AGITATOR & STEAM & DUMP IN FROM S 2			
	2-CHLORO-4-AMINO-TOLUENE-5-SULFONIC ACID	145	740-C	1103
	LOT 302 100% 143	325		
	314 320	325		
	285 320	325		
	310 320	325		
	7 WEIGH ON POSTAL SCALE 2-AMINO-TOLUENE-5-			
	SULFONIC ACID & ADD LOT 282	1	584-C	1
	8 DUMP IN ACTIVATED CARBON	50	113-B	50
	9 DUMP IN DICALITE, FILTER AID	10	777-A	10
	10 HEAT TO 214-216 DEG. F WATCH FOAM			
	11 RECORD: BY (+), IF NECESSARY ADJUST			
	TO + BY SODIUM HYDROXIDE ASSUME 50%		7-D	
	12 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			
	13 CIRCULATE 15 MIN OR LONGER THRU SPARKLER			
	UNTIL SOLUTION IS CLEAR			
	MAINTAIN AT 190-195 DEG. F FOR S 15			
	RECORD: HT 195 DEG. F & RECORDER 195 DEG. F			
	RECORD: START 245 TOTAL MIN 15 CLARITY OK			
			OCT 13 1982	

100 14 RUN #1 (99G) WATER INTO V-100

3 15 WHEN S-13 COMPLETE, PUMP V 317 THRU

SPARKLER. MAINTAIN V-317 AT 190-195 DEG. F

RECORD: START 345 TOTAL MIN 15

SAMPLE FROM HOSE. SHOW TO SUPV'R FOR OK

10/10

EQUIP MENT		PAGE 03 OF 04 CG 36 CODE RT-695-D (0)	USE LBS	N-CODE	ADCT LBS
322	40	RUN IN 47" (1610G) WATER INTO V-322			
8	41	WEIGH AND POUR IN SODIUM HYDROXIDE			
		M <u>12</u> <u>5016</u> %	<u>937</u>	7-D	470
	42	DUMP IN FROM S 3 3-HYDROXY-2-NAPHTHOIC ACID		82-C	934
		LOT			
		<u>8291</u>	<u>750</u>		
		<u>8076</u>	<u>184</u>		
	43	WEIGH 1-HYDROXY-2-NAPHTHOIC ACID ON POSTAL	20	180-C	20
		BALANCE AND ADD LOT <u>95730</u>			
	44	HEAT TO 70-90 DEG. F			
	45	SIFT IN BLANCOL N IN ONE TO TWO MINUTES	27	567-B	27
	46	DUMP IN TETRASODIUM PYROPHOSPHATE & STIR 5	8	479-D	8
		MIN OR LONGER TO DISSOLVE			
3137	47	WEIGH SODIUM NITRITE & POUR INTO V- <u>302</u>		725-A	365
302		FOR S 50 M <u>9</u> <u>3336</u> %	<u>1094</u>		
9					
322	48	ADJ V-322 TO 65" (2240G) AT 77-80 DEG. F			
10		& RECORD: TEMP <u>80</u> DEG. F			
	49	SLURRY TRISULPHOIC SOAP D WITH 30 GALS	160	39-A	160
		WATER IN DRUM. POUR IN AND STIR 5 MIN.			
100	50	RUN IN N-725-A FROM S 47 AFAP INTO V-100			
11	51	STIR 30 MIN AT 36-38 DEG. F MAINTAINING			
		+CR, +KI		57-A	
	52	RECORD: TIME START <u>9:40 AM</u> CR <u>+</u> KI <u>+</u>			
		TEMP <u>36</u> DEG. F			
		NOTE:			
		(1) IF CR-, KI- ADD 20% "AS IS" INCREMENTS			
		HYDROCHLORIC ACID ASSUME 32%		28-A	
		RECORD: CR <u>(+)</u> , KI <u>(+)</u>			
		(2) IF CR+, KI- ADD 20% "AS IS" INCREMENTS			
		SODIUM NITRITE ASSUME 33%		725-A	
		RECORD: CR <u>(+)</u> , KI <u>(+)</u>			
		TEMP <u> </u> DEG. F			
	53	COUPLE V-322 THRU UNDERSURFACE DISTRIBUTOR			
		INTO V-100 IN 90-110 MIN (USE 9/16" ORIFICE)			
		RECORD: START <u>10:15 AM</u> TOTAL MIN <u>105</u>			
	54	WHEN S 53 COMPLETE STIR 15 MIN			
	55	RECORD: DIAZO <u>-</u> (-); BASE <u>+</u> (+)			
		PH <u>11.7</u> (7.0-8.0) TEMP <u>64</u> DEG. F (60-65 F)			
		NOTE:			
		(1) IF PH IS 5.0-7.0, WEIGH AND DUMP IN			
		30% "AS IS" N-7-D DILUTED TO 30 GAL			
		AFAP SODIUM HYDROXIDE ASSUME 50%		7-D	
		(2) (FOR PH ADJUSTMENTS USE ONLY DILUTED			
		N-28-D AND N-7-D)			
	56	ADJ TO PH 9.0-9.5 (SEE ATTACHED PH ADJ AID)			
		HYDROCHLORIC ACID ASSUME 32%	<u>100</u>	28-D	<u>32</u>
		(1) IF PH IS 6.5-7.0, WEIGH 40% AS IS			
		N-7-D POUR INTO 50 GAL WATER (1/2			
		FULL) IN PT & RUN INTO CV 100 IN 15			
		MIN & RINSE IN PT. STIR 5 MIN &			
		RECORD: PH <u>10.1</u> (9.0-9.5)			

EQUIP MENT	PAGE 04 OF 04 CG 36 CODE RT-695-D (0)	USE LBS	N-CODE	ACCT LBS												
100 11 CONT	2) IF PH IS 7.0-7.5, WEIGH 35± AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. & RINSE IN PT. STIR 5 MIN & RECORD: PH _____ (9.0-9.5) 3) IF PH IS 7.5-8.0, WEIGH 30± AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. RINSE IN PT. STIR 5 MIN & RECORD: PH _____ (9.0-9.5) 4) IF PH IS 8.0-8.5, WEIGH 10± AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. & RINSE IN PT. STIR 5 MIN & RECORD: PH _____ (9.0-9.5) 5) IF PH IS 8.5-8.9, WEIGH 5± AS IS N-7-D POUR INTO 50 GAL WATER (1/2 FULL) IN PT & RUN INTO CV 100 IN 15 MIN. & RINSE IN PT. STIR 5 MIN & RECORD: PH _____ (9.0-9.5) 6) IF PH IS ABOVE 9.5, DO NOT ADJUST RECORD: PH _____ SODIUM HYDROXIDE ASSUME 50% NOTE: ADD N-28-D IN 5± "AS IS" INCREMENTS TO APPROACH PH 9.0-9.5 THEN USE LESS N-28-D HYDROXHLORIC ACID (CONCENTRATED N-28-D & N-7-D AND TOO LOW COUPLING TEMPERATURE CAUSES MASSTONE TO GO TOO LIGHT) 58 SHUT OFF AGITATOR															
107 12	59 DURING S 53 HEAT V-107 TO 210-212 DEG. F & SHUT OFF STEAM NOTE: IF NECESSARY REHEAT V-107 TO 210- 212 DEG. F PRIOR TO START OF STRIKE 60 PUMP V-100 INTO V-107 IN 70-75 MIN. LET V-107 TEMP DROP TO 200-205 DEG. F DURING STRIKE THEN MAINTAIN AT 200-205 DEG. F FOR BALANCE OF STRIKE WITH AGITATOR SHUT OFF IN V-100. RECORD: START <u>1:45 PM</u> TOTAL MIN <u>85</u> 61 WHEN STRIKE COMPLETE, HEAT TO 210-212 DEG. F 62 STIR 15 MIN AT 210-212 DEG. F 63 FLOOD TO 180-190" (18240G) RECORD: PH <u>7.1</u> (6.5-7.2) AND STOP AGITATOR															
<table border="0"> <tr> <td>START</td> <td>FINISH</td> <td>OPERATOR</td> </tr> <tr> <td><u>1:45 PM</u></td> <td><u>2:30 PM</u></td> <td><u>282</u></td> </tr> <tr> <td><u>7:00 PM</u></td> <td><u>3:00 PM</u></td> <td><u>037</u></td> </tr> <tr> <td><u>3:10 PM</u></td> <td><u>4:30 PM</u></td> <td><u>119</u></td> </tr> </table>					START	FINISH	OPERATOR	<u>1:45 PM</u>	<u>2:30 PM</u>	<u>282</u>	<u>7:00 PM</u>	<u>3:00 PM</u>	<u>037</u>	<u>3:10 PM</u>	<u>4:30 PM</u>	<u>119</u>
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