

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT		PAGE 2 OF 3 CG 46 CODE YC-11-A (C)	USE LBS	N-CODE	ADCT LBS
MISC 3	11	SLURRY IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH DICALITE FILTER AID	5	777-A	5
DV 4	12	WHEN S19 STIR COMPLETE, DUMP IN ACTIVATED CARBON	15	113-B	15
	13	DUMP IN DICALITE FILTER AID	10	777-A	10
	14	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 20 RECORD: TIME START <u>1:35 PM</u> , CR <u>+</u> (+), KI <u>+</u> (+) NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR _____ (+), KI _____ (+) (2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR _____ (+), KI _____ (+)		57-A 28-D 725-A	
CV 5	15	RUN 10" (970 G) WATER INTO V <u>106</u> & INSTALL TEMP CHART			
	16	POUR IN SODIUM HYDROXIDE M <u>10</u> , <u>49.55</u> %	<u>970</u>	7-D	466
	17	ADJ TO 40" (3904 G) AT 66-70 DEG F	3X330	57-A	<u>990</u>
	18	CLOSE STACK DAMPER			
	19	STIR FOR S 22			
DV 6	20	WHEN S 14 STIR COMPLETE, TEST DV & RECORD CR <u>+</u> (+), KI <u>+</u> (+) TEMP: <u>28</u> (28-32 F) NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR _____ (+), KI _____ (+) (2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR _____ (+), KI _____ (+) <u>Run sample S14 water</u> 21A TURN ON V- <u>315</u> AGITATOR, CHOP & ADD ICE. 21B THEN SHUT OFF AGITATOR. PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F RECORD: TIME START <u>2:15 PM</u> , TOTAL MIN <u>85</u>	<u>3</u> X330	28-D 725-A 57-A	<u>990</u>
CV 7	22	DUMP INTO CV FROM S2 ACETO ACET ORTHO ANISIDIDE. LOT #100% % NOTE: BREAK UP LUMPS <u>EASTMAN</u>	<u>1265</u>	44-C	1265
	23	STIR 10 MIN TO DISSOLVE			
	24	OPEN STACK DAMPER			
	25	RUN IN UNDERSURFACE IN 20-25 MIN. ACETIC ACID <u>THRU METER</u> M <u>3</u> , <u>67.69</u> %	<u>1053</u>	30-D	713
	26	STIR 5 MIN & RECORD: PH <u>6.3</u> (5.8-6.3)			
	27	IF NECESSARY, ADJ TO PH 5.8-6.3 SODIUM HYDROXIDE ASSUME 50% ACETIC ACID (USE METER) ASSUME 70% RECORD: PH _____ (5.8-6.3)		7-D 30-D	

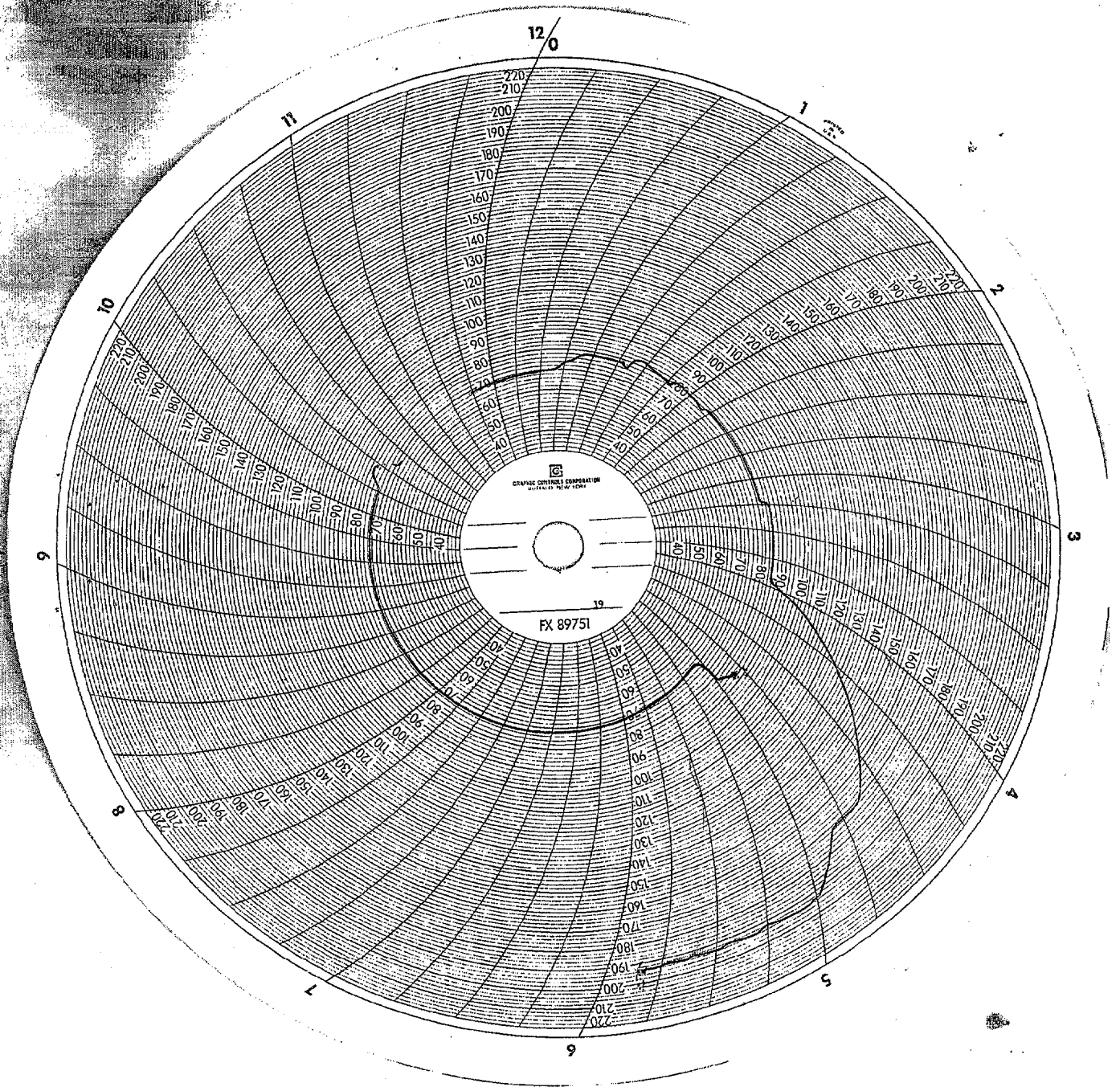
		USE LBS	N-CODE	ACCT LBS
	PAGE 3 OF 3 CG 46 CODE YC-11-A (C)			
8	26 WHEN S 21 CLARIF COMPLETE, WASH DV (S 4) LINES, PUMP & PRESS FOR 20 MIN OR TO A -CR TEST ON A SAMPLE TO TOTAL PRESS EFFLUENT, WHICHEVER COMES FIRST. COLLECT WASHINGS IN DV (S21B). RECORD: TIME START <u>3:50</u> CR <u>—</u> (- OR +) 27 STIR 5 MIN & RECORD: TEMP <u>28</u> (28-32 DEG F) & IF NECESSARY, ADJ TO 28-32 DEG F RECORD: <u>—</u> DEG F 28 WASH THE PRESS LINES & WASH THE DV WITH 10% HYDROCHLORIC ACID. 29 STIR 5 MIN & RECORD: KI <u>+</u> (+) 30 IF NECESSARY, ADJ TO <u>+</u> KI & RECORD: KI <u>—</u> 31 WASH THE PRESS LINES & WASH THE DV WITH 10% HYDROCHLORIC ACID. 32 <u>SODIUM NITRITE ASSUME 33%</u> 33 RECORD: DV <u>54</u>		57-A	
MISC 9	34 WEIGH SODIUM HYDROXIDE IN DRUMS FOR S41 M <u>10</u> , <u>49.55%</u> 35 DISSOLVE IGEFAL C0630 IN 20 GAL WATER IN DRUMS FOR S43	597 62	7-D 979-D	276 62
CV 10	36 WHEN S 33 COMPLETE, ADJ CV TO 48° (4685 G) AT 80-84 DEG F 37 CHECK ACCURACY: HT <u>—</u> DEG F & RECORDER <u>80</u> DEG F 38 IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F RECORD: TIME START <u>4:45P</u> TOTAL MIN <u>65</u> 39 WHEN S 38 COMPLETE, STIR 10 MIN NOTE: IMMEDIATELY AFTER COUPLING DISCONNECT TRANSFER LINE AT CV 40 RECORD: DIAZO <u>—</u> (-), BASE <u>+</u> (+), PH (4.3-4.7) NOTE: (1) IF DIAZO +, BASE -, AND PH BELOW 4.3: (A) ADJ TO PH 4.3-4.7 SODIUM HYDROXIDE ASSUME 50% (B) RECORD: PH <u>—</u> (2) IF DIAZO +, BASE -, & PH 4.3 OR ABOVE: (A) ADD 8# 100% N-7-D SODIUM HYDROXIDE TO A 55G DRUM (B) ADJ WITH WATER TO 25G (C) ADD 20# 100% N-46-C ACETO ACET ORTHO ANISIDIDE (D) STIR TO DISSOLVE (E) POUR INTO CV (F) STIR 10 MIN (3) REPEAT (1) & (2) ABOVE AS NECESSARY TO - DIAZO, + BASE 41 POUR IN N-7-D SODIUM HYDROXIDE FROM S34 & STIR 5 MIN. 42 RECORD: PH <u>6.8</u> (8.0-8.5) & IF NECESSARY ADJ TO PH 8.0-8.5. SODIUM HYDROXIDE. ASSUME 50% RECORD PH <u>8.0</u> HYDROCHLORIC ACID. ASSUME 32%		7-D 7-D 46-C 7-D 28-D	3

MAKING INSTRUCTIONS: BATCH UNIT

CRUIT MENU	PAGE 04 OF 04 CG 46 CODE YC-11-A (C)	USE LBS	N-CODE	ADCT LBS
CV	DUMP IN N-979-D IGERAL CO-830 FROM S35			
10	HEAT TO 194-195 DEG F IN 58-62 MIN			
CON'D	STIR 60 MIN AT 194-195 DEG F			
	RECORD: TIME START: 8:15P			
	FLOOD TO 94" (9174 G) & STOP AGITATOR			

START	FINISH	OPTR
10:00AM	3:00PM	322
3:00P	9:20PM	301

CLEANED WEST PRESS
HOUSE KEEPING



N32597.01

DUP050463726