

S.V. 44LM-2 C.V. 244 ~~320~~ D.V. ~~320~~

DATE PRINTED: 6/23/82

CG 46 CODE YW-811-P PKG 16 TIME

PROCESSES

APPROVED BY

JUN 24 1982

G2H19

() YW-811-P (D)

EWK 11/12/81

JWG 06/11/82

(DATE)

(LOT NUMBER)

TYPED BY: JMH

EST. WT.

* LBS.

STANDARD HRS.

TIME 3 P.M.

12386
 17275 x 100 = 100.1% yield

COMPONENT / CONSTITUENT

CONSUMPTIONS:

CG	CODE	LOT	PQ	DISP	ACCOUNT* POUNDS	PERCENT SOLIDS	PHYSICAL USE POUNDS	YIELD
46	YC-011-A	78750	93	984	103		92.5	
46	YC-011-A	C2J34	93	4	32.5	33.46	97.3	
46	YC-011-A	C2J34	98	4	10	33.40	30	
46	YC-011-A	C2J75	93	4	13.50	34.60	39.07	
46	YC-011-A	C2J75	98	4	97	34.60	78.0	
46	YC-011-A	D2H94	93	4	53.6	41.40	130.1	
46	YW-811-P	E2H89-2	93		34		34	
46	YW-811-P	E2J60-2	93		44		44	
46	YW-811-P	G2H20-1			77.5			

* INPUT INTO BIPREV PROGRAM

-06 2700

BLEEDING

EQUIP
MENT

NAME: "DALAMAR" YELLOW

04 PAGES

LBS

N-CODE

ACCT
LBS

MISC

NOTE: MAKING SUPV - 1 HOUR BEFORE TAKING
 S23 & S43 SAMPLE, ADVISE CTL SUPV OF STATUS
 RUN IN + OR - 150# WATER INTO ALM & CHECK
 FOR LEAKS

RECORD: FINDINGS

NOTE: (1) IF LEAKS FOUND, ADVISE
 SUPV'R & DO NOT PROCEED
 WITH BATCH UNTIL CORRECTED.
 (2) IF NO LEAKS FOUND, DRAIN
 ALM & PROCEED WITH BATCH

2 OBTAIN DALAMAR YELLOW PRESSCAKE AS LISTED

6810

YC-11-A

3 OBTAIN & MIX TO UNIFORMITY FOR S9 & S13

896-B

RENEX 20

4 CALCULATE FOR S27

69641 x (-) 6810 #YC-11-A PULP WGT (S2) = 154 #
 WATER

ALM
2

5 CLOSE ALM #2 OUTLET & RUN IN 50# WATER

6 DO NOT START AGITATOR

7 POUR IN SODIUM HYDROXIDE ASSUME 50%

8

7-D

4

8 DUMP IN 2 DRUMS OF YC-11-A FROM S2

9 POUR IN RENEX 20

200

896-B

200

10 START AGITATOR & STIR ONE MINUTE ONLY

RECORD: TEMP 78 DEG F

NOTE: (1) IF COLOR BRIDGING OCCURS, STOP
 AGITATOR ALLOW TO STOP & DIS-
 LODGE COLOR

(2) OVER STIRRING WILL GENERATE EX-
 CESSIVE HEAT & FOAM

JUL 1 1982

N32615

DUP050463774

EQUIP MENT		PAGE 02 OF 04 CG 46 CODE YW-811-P (D)	USE LBS	N-CODE	ACCT LBS
ALM 2 CONT.	11	ADD REST OF YC-11 (S2) IN 2 DRUM INCREMENTS USING FOLLOWING PROCEDURE (SCRAPE DRUMS): (1) AGITATOR OFF, DUMP IN 2 DRUMS YC-11 (2) START AGITATOR & STIR ONE MINUTE ONLY FOR EACH 2 DRUM INCREMENT.			
	12	RECORD: TEMP. <u>80</u> DEG F.	<u>425</u>	896-B	<u>425</u>
	13	START AGITATOR & POUR IN RENEX 20 AND STIR 5 MIN.			
	14	RINSE GRATING, SIDES & MIXER BASKET WITH <u>500</u> WATER.			
	15	STIR 60 MIN RECORD: START _____ NOTE: (1) DO NOT EXCEED 95 DEG F DURING STIR (2) IF NECESSARY CUT STIR WHEN TEMP REACHES 95 DEG. F.			
	16	RECORD S15 STIR TEMP EVERY 10 MINUTES TIME INTERVAL, MIN DEG F. START 0 <u>80</u> <u>1.35</u> 10 <u>82</u> <u>1.45</u> 20 <u>84</u> <u>1.55</u> 30 <u>86</u> <u>2.05</u> 40 <u>88</u> <u>2.15</u> 50 <u>90</u> <u>2.25</u> 60 <u>90</u>			
	17	POUR IN AF-60 ANTIFOAM & STIR 5 MIN.	2 OZ.	816-A	0
	18	STOP AGITATOR RECORD: TEMP. <u>92</u> DEG. F.			
	19	RECORD: PH <u>11.7</u> (10.0-12.0)			
	20	IF NECESSARY, ADJ TO PH 10.0-12.0 & RECORD: PH _____ SODIUM HYDROXIDE ASSUME 50%		7-D	
	21	POUR IN AND STIR 5 MIN. NUOSEPT 95	<u>160</u>	195-B, D	<u>160</u>
	22	STOP AGITATOR			
	23	WHEN SCHEDULED DUMP IN NOTE: IF ALUM IS FULL, LOT <u>821189</u> ADD AS VOL PER- <u>62.560</u> MITS DURING HOMOG. <u>62H20-1</u>	<u>34</u> <u>44</u> <u>775</u>	YW-811	<u>28</u> <u>7793</u>
CV 3	24	RUN ALM THRU HOMOG AT 4800-5200 PSI INTO V- _____ NOTE: (1) COLLECT MATERIAL HOMOG BELOW 4800 PSI AND RETURN TO ALM. (2) DO NOT ALLOW HOMOG TEMP TO EXCEED 120 DEG. F (3) IF HOMOG PRESSURE AT UPPER LIMIT (5200 PSI) & TEMP BORDERLINE, LOWER HOMOG PRESSURE + OR - 100 PSI. TEMP SHOULD DROP 3 TO 4 DEG F. PER 100 PSI CUT IN PRESSURE. DO NOT GO LOWER THAN 4800 PSI (LOWER LIMIT) (4) IF TEMP BECOMES EXCESSIVE, STOP HOMOG & ADVISE SUPV'R. THIS CONDITION INDICATES FOREIGN MATERIAL HUNG UP BETWEEN BALLS & SEATS CAUSING SLURRY TO RE- CIRCULATE WITHIN HOMOG.			

EQUIP MENT	PAGE 03 OF 04 CG 46 CODE YW-811-P (D)	USE LBS	N-CODE	ACCT LBS
CV 3 CONT	25 DURING S24 HOMOG, RECORD HOMOG DISCHARGE TEMP EVERY 10 MIN. TIME INTERVAL MIN. DEG F START <u>9 PM</u> 0 <u>110</u> <u>9:10</u> 10 <u>110</u> <u>9:20</u> 20 <u>120</u> <u>9:30</u> 30 <u>120</u> <u>9:40</u> 40 <u>120</u> <u>9:50</u> 50 <u>120</u> <u>10:00</u> 60 <u>120</u> <u>10:10</u> 70 <u>120</u> <u>10:20</u> 80 <u>120</u> <u>10:30</u> 90 <u>120</u> <u>10:40</u> 100 <u>120</u> <u>10:50</u> 110 <u>120</u> <u>11:00</u> 120 26 WHILE HOMOGENIZING, AT 20 MIN. INTERVALS, LOG AGITATOR ON ALM TO MAINTAIN COLOR SUS- PENSION. 27 RINSE ALM WITH <u>154</u> # WATER CALCULATED IN S4 THRU HOMOGENIZER AT 2000-5000 PSI 28 DRAIN LINES FROM HOMOG TO CV INTO DRUM & POUR INTO CV 29 ADD & STIR 30 MIN. AF-60 ANTIFOAM 30 RECORD: PH _____ (10.0-12.0) 31 IF NECESSARY, ADJUST TO PH 10.0-12.0 AND RECORD PH _____ SODIUM HYDROXIDE ASSUME 50% ACETIC ACID ASSUME 70% 32 REMOVE DISCHARGE LINE & SCREEN 33 WHILE DISCHARGING HALF OF A 6 GAL. KIT THRU THE BOTTOM OUTLET, SET FLOW TO ENABLE FILLING A JAR (REFER TO PROCEDURE M0012). FILL 1-16 OUNCE JAR. DELIVER TO CTL FOR COLOR. RECORD: S-47 & SHUT OFF AGITATOR, LIGHTS AND CLOSE MANHOLE COVER.			
HOMOG 4	34 CLEAN HOMOGENIZER PER STANDARD PRACTICE	25	3-A	25
CV 5	35 ADD <u>1125</u> # <u>500</u> WATER AS REQUIRED TO CV NOTE: IF TEST IS SATSFCTRY, OMIT S'S 35-38 36 START AGITATOR & STIR 20 MIN OR LONGER TO UNIFORMITY. 37 FILL 1-16 OUNCE JAR AS PER S-34 & DELIVER TO CTL FOR COLOR. RECORD: S-47. 38 SHUT OFF AGITATOR UNTIL TEST IS AVAILABLE 39 WHEN TEST SATISFACTORY, START AGITATOR, STIR 20 MIN OR LONGER 40 CHECK PAKOUT SCALE ACCURACY: 50# <u>50</u> 500# <u>500</u> 41 INSTALL PAKOUT LINE & SCREEN (MAKE SURE IT'S CLEAN) 42 AFTER DISCHARGING +/-25 GAL, FILL 2-16 OZ. JARS FROM PAKOUT LINE & RUN SCREEN TEST AS PER PROCEDURE M0026 WITH 1 JAR. 43 IF SCREEN TEST OK, DELIVER 1-16 OZ JAR TO CTL FOR SCREEN TEST. RECORD TIME: NOTE: OPERATOR SHOULD WAIT FOR RESULTS.			

EQUIP MENT		PAGE 04 OF 04 CG 46 CODE YW-811-P (D)	USE LBS	N-CODE	ACCT LBS
44	IF SCREEN TEST IS OK, IMMEDIATELY BEGIN DISCHARGING THRU PAKOUT SCREEN AS FOLLOWS: RECORD: S-47				
	PKG N-CODE SCHEDULE PK TOTAL NET PK				
	N-1775 12 5400				
	N-1701 ± 202 238 = 11900				
	1 17306				
45	AFTER DISCHARGING +/- 80% OF BATCH COMPLETELY 2-16 OZ. JARS FROM PAKOUT LINE, MARK "FINAL", DELIVR TO CTL FOR COLOR TEST WHEN PAKOUT COMPLETE, RECORD: S47				
46	STOP AGITATOR				
47	RECORD:	RESULTS	TIME	SUPV	
	S33 SMPL TO CTL-CLR	✓			
	S37 RESMPL TO CTL-CLR	✓			
	S42 AREA SCREEN TEST	✓			
	S43 SMPL CTL SCRIN TEST	✓			
	S45 FNL SMP CTL-CLR	✓	2:12	Sh	
	START FINISH	OPTR			
	10:30 AM 3 PM	10V			

Pumped id U-320 + washer

U-214 out with 250% DA

WATER