

LOCATN	CG	CODE	PG	LOT	DRY* WEIGHT	DRY CONT	NO. PKG	PKG WGT	TOTAL WEIGHT	ACTUAL USE LBS
	14	YC-2	93							
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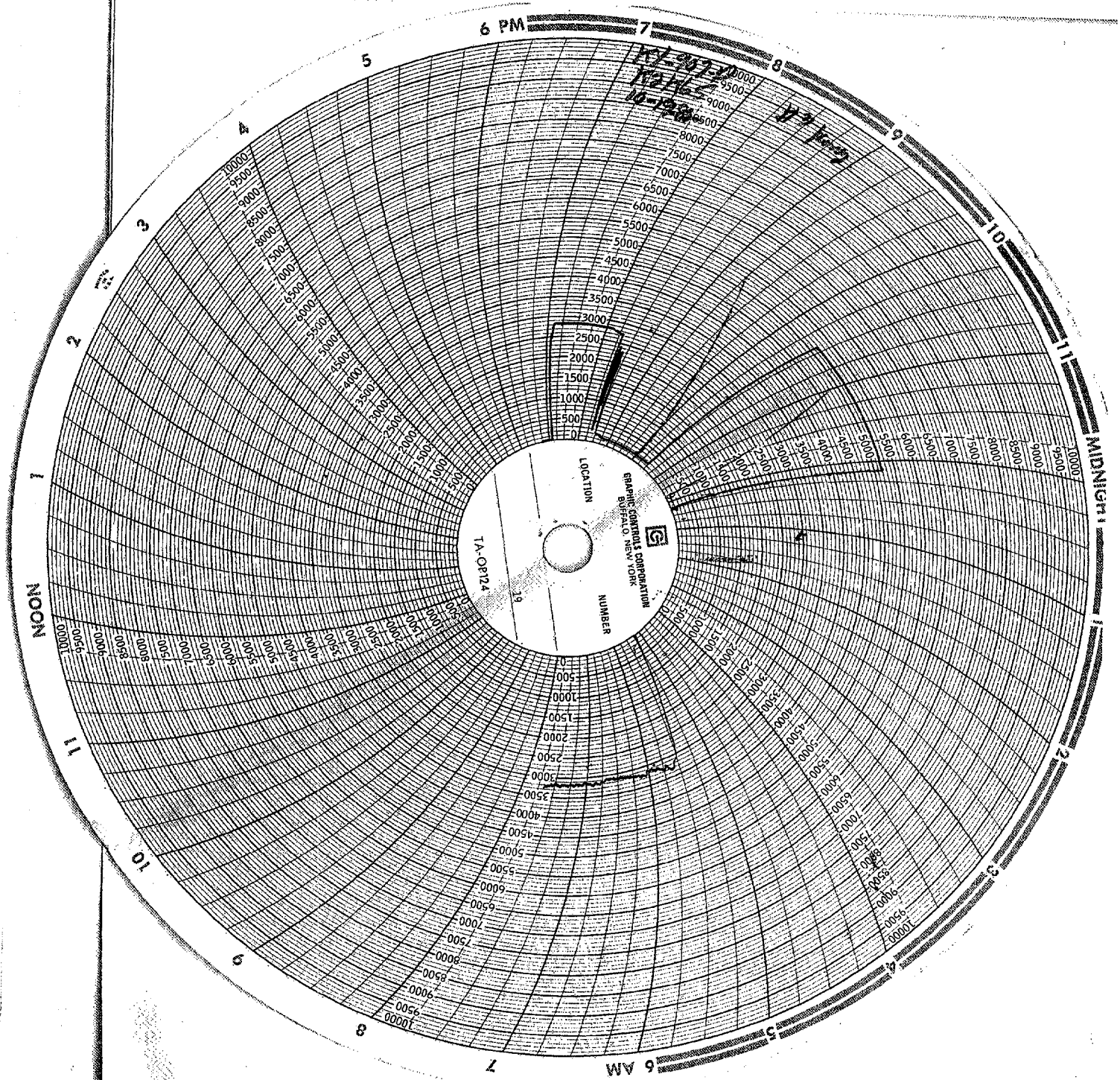
					NON-BLEEDING		
EQUIP MENT	NAME	USE LBS	N- CODE	ACCT LBS			
	NAME : "KROLOR" YELLOW-MEDIUM						
	"BEFORE USING SV MAKE SURE N-28-D LINE (HYDRO- CHLORIC ACID) IF ANY IS BLANKED OFF."						
203	1 RUN 60" (990 G) WATER IN V-203. SET AGITATOR ON						
&	HIGH SPEED.						
205	2 WEIGH IN DRUM & POUR IN (SODIUM SILICATE)	355	32-D	355			
	2 DUMP IN AND STIR 5 MIN (CHROME YELLOW)	71X50	YC-2-B	3550			
	RECORD: START <u>4:30</u> LOT <u>6-2-B-30</u> 49X50 <u>2450</u>						
	FIN <u>6:20 PM</u> <u>5-2-D-29</u> 22X50 <u>1100</u>						
	4 ADJUST TO 75" (1275 G)						
	5 WITH AGITATOR ON LOW SPEED PUMP V-203 THRU						
	HOMOG AT 2400-2600 PSI INTO V-205						
	6 WHEN V-203 MT, WASH COLOR THRU HOMOG WITH MIN						
	OF HOT WATER AT 2400-2600 PSI INTO V-205						
	7 RECORD: V-205 VOL <u>42</u> " & ADJ TO 60" (2100 G)						
	8 INSPECT HOMOG STRAINER & CLEAN IF NECESSARY						
205	9 RUN 10" (514 G) WATER INTO V- <u>244</u> START						
SV	10 PUMP V-205 THRU HOMOG AT 4800-5200 PSI INTO SV						
	RECORD: TIME START <u>10:25 PM</u> TOTAL MINUTES <u>95</u>						
2	NOTE: IF HOMOG PRESSURE FALLS BELOW 4800 PSI,						
	3-WAY VALVE WILL RECIRCULATE SLURRY TO V-205						
	11 WHEN V-205 MT, RUN IN 5" (240 G) WATER & PUMP						
	THRU HOMOG AT 4800-5200 PSI INTO SV						
SP	12 SP STEP 01 - SET FORMULA SELECTOR TO POSITION						
&	1 (V-243) OR POSITION <u>6 (V-244)</u>						
CP	13 PRESS SV CAM RESET PB - SET 22 TC IN AUTO						
	REMOTE (TEMP IS SET AT 190-194°F)						
3	14 RECORD LEVELS (LIQUID ALUM) & SET R/M COUNTER						
	#1 AS FOLLOWS:						
	A. 11LG <u>50</u> % PRESET #3 45 GAL		115-D	239			
15	SET STRIKE FLOW CONTROLLERS AS FOLLOWS:						
	3FC10 (N-27-D CONTROLLER - SULFURIC ACID 60%)						
	IN MANUAL 0.73 GPM		27-D	302			
	3EC20 (N-27-D WATER) IN MANUAL LOCAL 9.56 GPM						
	2FR10 (N-27-D/WATER) RATIO 1.31						
	3EC10 (N-32-D CONTROLLER) IN MANUAL .96 GPM		32-D	2022			
	3EC20 (N-32-D WATER) IN MANUAL LOCAL 8.45 GPM						
	3FC20 (N-32-D WATER) IN REMOTE						
	2FR10 (N-32-D/WATER) RATIO 1.76						

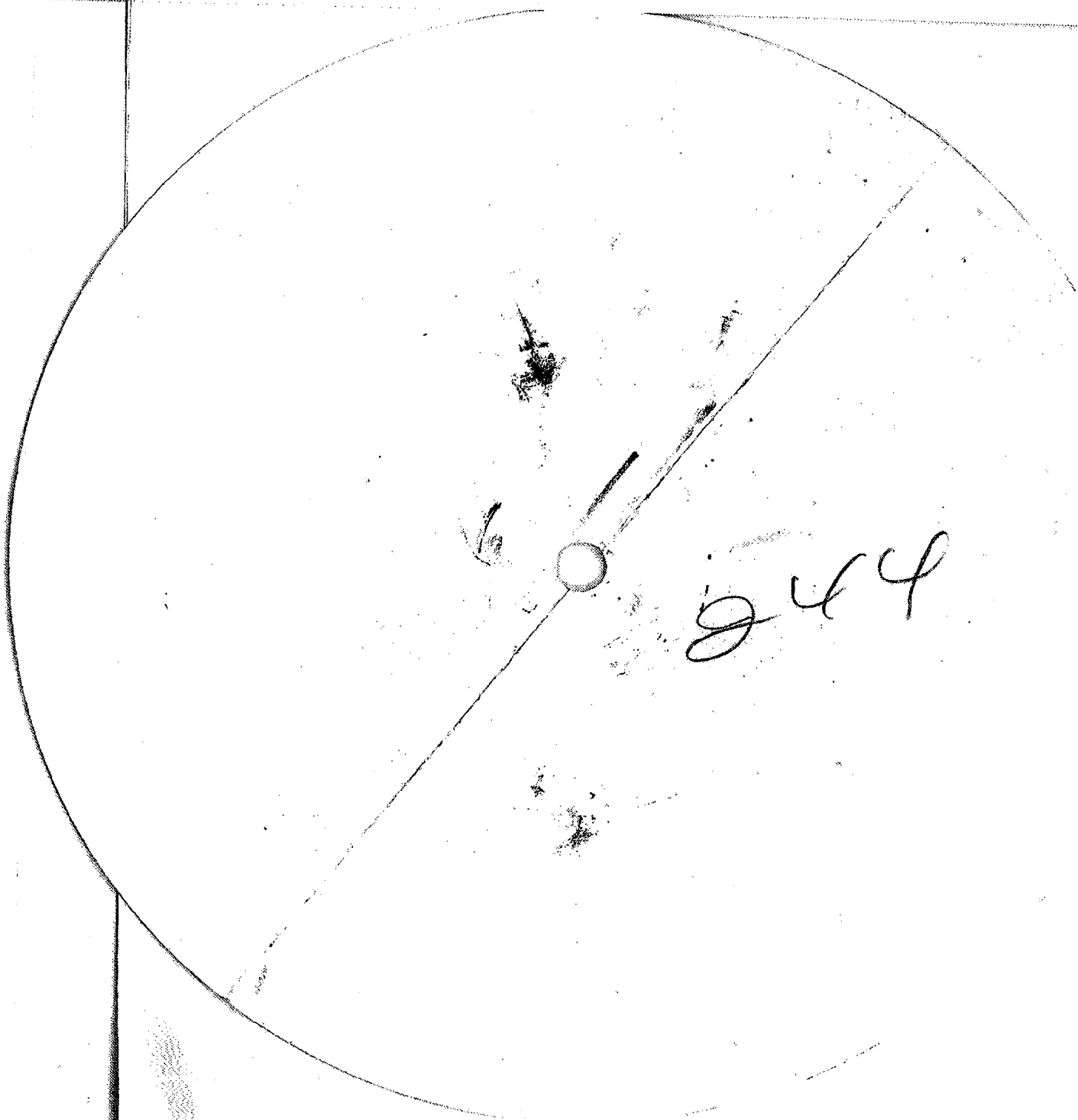
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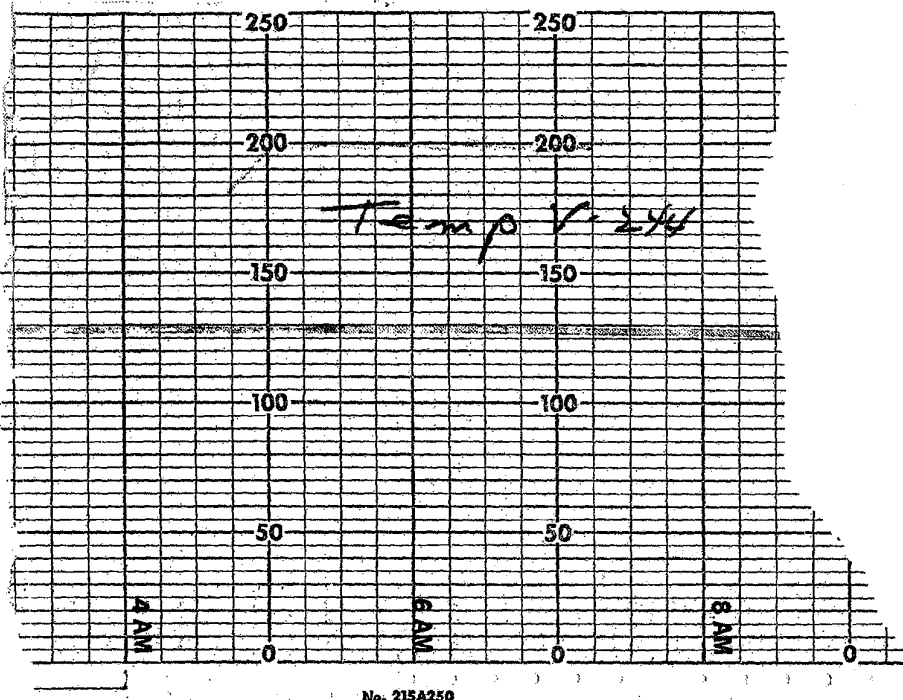
EC

EQUIP MENT	PAGE 2 CG 03 KY-907-D	USE LBS	N- CODE	ACCT LBS
320	16 OPERATOR STEP PB			
SV	17 RECORD LEVEL 2LG 8% IF BELOW 35% FOLLOW SOL'N			
SP	18 MAKE-UP PROCEDURE FOR N-27-D			
CP	19 ADJUST SV TO 48" (2470 G)			
4	20 RECORD PH 9.8. ADJ TO 11.1-11.3 W/N-7-D (CAUSTIC SODA SLN) AT 5% (10 PRTS WATER TO 1 PART N-7-D)	40	7-D	20
	21 SIPHON INTO SV. RECORD: PH 11.1. ASSUME 50%			
	22 OPERATOR STEP PB			
SV	23 SP STEP 06/39. AFTER HEAT-UP RECORD: PH 9.7			
SP	24 SWITCH 3FC20, 8FC10, & 8FC20 TO AUTO			
	25 OPERATOR STEP PB			
5	26 SP STEP 10/43. WHEN 3FC20, 8FC10 & 8FC20 FLOWS ARE IN LIMITS, SWITCH 3FC10 TO AUTO & PB			
	27 SP STEP 11/44. WHEN 3FC10 & 3FC20 FLOWS ARE IN LIMITS, SWITCH 3FC20 TO REMOTE			
	28 OPERATOR STEP PB			
	29 DURING STRIKE RECORD: 3:50AM			
	SP STEP			
	V-243/V-244			
	13/46 (30 MIN)	PH RANGE	TIME	
	14/47 (60 MIN)	9.0-10.0	9.4	
	15/48 (2 HRS)	9.0-10.0	9.4	
	16/49 (3 HRS)	9.0-10.0	9.4	
	17/50 (FINAL)	7.5-8.5	8.1	
	NOTE: IF PH NOT IN RANGE, NOTIFY SUPV & NOTE IN LOG. IF FINAL PH > 8.5, ADJ TO 7.5-8.5.			
	& RECORD: PH	ASSUME 77%	27-D	
	30 SIFT IN (BLANC FIXE N)	55	128-A	55
385	29 ADD 27" (208 G) WATER TO V-385			
6	30 ADD & STIR FOR 2 MIN FOR S 57 ASSUME 50%	90	7-D	45
	31 DURING STRIKE CHECK LEVEL IN V-387.			
387	32 IF LOW LEVEL LIGHT IS NOT LIT, GO TO S-35			
7	33 IF LOW LEVEL LIGHT IS LIT, VERIFY BY CHECKING THAT LOW LEVEL PEG IN VAT IS ABOVE SURFACE			
	34 IF VISUAL CHECK CONFIRMS LOW LEVEL, FOLLOW STEARATE MAKE-UP PROCEDURE.			
	35 RUN IN 32" (317 GAL). DO NOT MAKE UP THIS SOLUTION MORE THAN 30 MINUTES IN ADVANCE. DELAY BETWEEN END OF STEP 41 HEAT-UP AND START OF STEP 48 HOMOGENIZATION SHOULD BE LESS THAN 30 MINUTES.			
388	36 TURN ON STEAM & AGITATOR			
8	37 ADJUST TO 42" (403 GAL) AT 178-182°F			
	38 SET BADGER METER FOR 550#			
	39 PUMP IN FROM V-387 THRU UNDRSURFACE DISTRIBUTORS AS FAST AS POSSIBLE (ISOBUTYL STEARATE, BUTYL STEARATE & EMCOL P-10-59)	450	169-A	450
	40 SHUT OFF PUMP	50	155-A	50
	41 STIR 30 MIN AT 178-182°F FOR S 48	50	160-A	50
	42 DO NOT SHUT OFF AGITATOR			

EQUIP MENT	PAGE 3 CG 03 KY-907-D	USE LBS	N- CODE	ACCT LBS																				
SV 143	WHEN S28 COMPLETE HEAT SV TO 198-200 DEG F IN																							
144	5 TO 10 MIN																							
SP 144	CLOSE WATER LINE & DISCHARGE VALVES AT STEARATE																							
9 145	PUMP																							
145	OPEN V-388 DISCHARGE VALVES TO STEARATE PUMP																							
146	INLET																							
147	OPEN WATER VALVE AT STEARATE PUMP & RUN WATER																							
SV 147	THRU HOMOG AT 2900-3100 PSI TO SEWER																							
& 147	WHILE HOMOG WATER AT 2900-3100 PSI, OPEN HOMOG																							
SP 148	DISCHARGE VALVE TO SV AND CLOSE VALVE TO																							
9 148	SEWER																							
CONT 148	IMMEDIATELY OPEN STEARATE PUMP DISCHARGE VALVE,																							
149	TURN ON PUMP & HOMOG V-388 TO SV AT 2900-3100																							
150	PSI. MAINTAIN SV AT 198-200°F.																							
151	WHILE HOMOG V-388 TO SV, SHUT OFF WATER VALVE																							
152	AT STEARATE PUMP ASAP																							
153	WHEN HOMOG COMPLETE, RINSE IN V-388 WITH HOT																							
154	WATER FROM HOT WATER MIXER																							
155	WHEN S50 COMPLETE TURN OFF HOMOG & STEARATE PUMP																							
156	STIR 5 MIN AT 198-200°F																							
157	SHUT OFF STEAM																							
158	WHEN S53 COMPLETE, OPERATOR PB																							
159	SP STEP 23/53 RECORD PH <u>3.5</u> (3.3-3.7)																							
160	IF NECESSARY, ADJ PH TO 3.3-3.7 (DOWNWARD ONLY)																							
161	& RECORD: PH _____																							
	NOTE: USE LIQUID ALUM, N-115-D. ADD TO SV VIA																							
	BADGER METER. STIR 5 MIN AFTER EACH																							
	ADDITION. ASSUME 50%		115-D																					
162	RUN IN N-7-D FROM S-30 IN 10-12 MIN & STIR 5MIN																							
163	RECORD: PH <u>4.4</u> (4.2-4.4) & IF NECESSARY, ADJ																							
	TO PH 4.2-4.4 & RECORD: PH _____ ASSUME 50%		7-D																					
	(DILUTE 10 PARTS TO 1 WITH WATER) ASSUME 78%		27-D																					
	SIPHON N-7-D INTO SV																							
164	OPERATOR STEP PB																							
165	OPERATOR STEP PB																							
166	SP STEP 60 - BATCH COMPLETE																							
<table> <tr> <th colspan="2">START</th><th colspan="2">FINISH</th><th>OPERATOR</th></tr> <tr> <th>TIME</th><th>SP STEP</th><th>TIME</th><th>SP STEP</th><th></th></tr> <tr> <td><u>7:00 AM</u></td><td><u>116</u></td><td><u>7:15 AM</u></td><td><u>716</u></td><td><u>114-120</u></td></tr> <tr> <td></td><td></td><td></td><td></td><td><u>227-438</u></td></tr> </table>					START		FINISH		OPERATOR	TIME	SP STEP	TIME	SP STEP		<u>7:00 AM</u>	<u>116</u>	<u>7:15 AM</u>	<u>716</u>	<u>114-120</u>					<u>227-438</u>
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