664.122 EIS

CONTENTS

CHA:	PTER	PAGE
	Preface	3
	Nomenclature	4
1.	Juice Extraction	5
II.	Juice Liming	5
III.	Clarified Juice and Syrup	6
IV.	Raw Sugar and Final Molasses	6
V.	Boiling Systems	7
	A. Straight Two-boiling System.	
	B. Simple Three-boiling System.	
VI.	Steam Requirements for the Process	9
	A. Juice Heating	
	B. Juice Concentration	
	C. Boiling of Massecuites	
	D. Process Steam Consumption	
VII.	Power and Steam	14
VIII.	Steam Generation	15
IX.	Heating Surfaces	15
	A. Steam Boilers	
	B. Juice Heaters	
	C. Evaporators	
X.	Condensers	19
XI.	Comments	20
	Postcript	24