## **Ref. 664.02 KES**

## **CONTENTS**

Intr	oduction	1
Syn	nbols	4
1.	PRINCIPLES OF FLOW MECHANICS AND RESIDENCE TIME DISTRIBUTIONS	
	IN PIPE SYSTEMS	8
2.	PRINCIPLES OF HEAT TRANXFEW AND THERMODYNAMICS	28
3.	CENTRIFUGATION – SEPARATION- SEPARATION BY CYCLONE	59
4.	ULTRAFILTRATION – REVERSE OSMOSIS – ELECTRODIALYSIS	82
5.	EMULSIFYING – HOMOGENIZING	119
6.	PASTEURIZATION – STERILIZATION – HEATING METHODS	139
7.	EVAPORATION	208
8.	CLIMATE – CHANGES IN THE CONDITION OF MOIST AIR	239
9.	DRY PRODUCTS – SORPTION PROPERTIES AND KEEPING QUALITY	255
10.	DAYING – INSTANTIZING	269
11.	COOLING – FREEZING – FREEZE – CONCENTRATION	329
12.	DISTILLATION – EXTRACTION	358
13.	TREATMENT BY IRRADIATION	376
14.	PACKAGING – FILLING	383
15.	TECHNOLOGY OF BUTTER MAKING	410
16.	CHEESE MANUFACTURE	426
17.	TECHNOLOGY OF CULTURED MILK PRODUCTS – SPECIAL MILK PRODUCTS-US	EΕ
	OF HYDROCOLLOIDS	450
18.	MANUFACTURE OF ICE CREAM	482
19.	WHEY PROCESSING	494
20.	TANKS – PUMPS – STIRRERS – MIXERS	505
21.	CLEANING – SANITIZING – STERILIZING	530
22.	WATER – EFFLUENT TREATMENT	561
23.	PHYSICAL DATA – TABLES OF NUMERICAL VALUES	577
Bib	liography	596
Index		612