CONTENTS

								PAG
	Preface to First Edition .							i
	Preface to Second Edition							i
CH	APTER							
-								
	Introductory	Zuole	•	•		•	•	
					•	•	•	
	Fuels Derived from Coal .				•	•	•	4
	Petroleum Fuels	•	•	•	•	•	•	6
5.	Storage of Coal		٠.	•.		•	•	7
6.	The Chemical Principles of	Cor	nbus	tion	and			,
-	Gasification	, _4:		· C	· · · · ·	· · ·	•	1/
	Heating Effects in Combustion of Solid Fuels							10
					•	•	•	12
		,			•	•		18
				•			•	1
	Stoking and Boiler Operati							2
12.	Pulverized Fuel and the Cartesian Turbine	Cycl •			.ce.—	The	Gas	2
13.	Utilization of Liquid Fuels	3						29
14.	Steam Boilers							3
ļ 5 .	Steam Boilers							3
/10	Water Treatment							3
⁻ 17.	The Properties and Uses of	f Ste	am					3
18.	Gas Producers							4
19.	Gas Producers	les						4
	Furnaces—Construction ar						Types	_
			-	,	-	Ciui	- J PCS	5
	-					•	•	5
23	Electric Furnaces . Refractory and Insulating	· Mat	orial	•	•	•		5
23.	Space Heating	wat	Citai	3	•			6
	Drying and Conditioning	•	•	•	•			6
25.	Heat Balances of Furnaces	ı Gone	, 1 Do	ilorg	•	•	•	6
						•		7
	Thermostatic Control			•		•	•	
							• •	7
29.	Sampling of Fuels .	•	•	•	•	•	•	7
	Analysis of Fuels .	•	٠ _	•	•	•	, ,	8
	pendix A. Units and Conve							8
Ap	pendix B. Statistics of Fu and Consumption	uel a	and •	Ener		Reso	urces	8
Аp	pendix C. Areas of British	ı Co			nd R	espe	ctive	
_	Production Figures					. •		8
Ap	ppendix D. Steam Tables							8
_	dex							2