MELLON INSTITUTE OF INDUSTRIAL RESEARCH AND SCHOOL OF SPECIFIC INDUSTRIES; SMOKE INVESTIGATION. BULLETIN NO.2. BIBLIOGRAPHY OF SMOKE AND SMOKE PREVENTION

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649462254

Mellon Institute of Industrial Research and School of Specific Industries; Smoke Investigation. Bulletin No.2. Bibliography of Smoke and Smoke Prevention by Ellwood H. McClelland

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

ELLWOOD H. MCCLELLAND

MELLON INSTITUTE OF INDUSTRIAL RESEARCH AND SCHOOL OF SPECIFIC INDUSTRIES; SMOKE INVESTIGATION. BULLETIN NO.2. BIBLIOGRAPHY OF SMOKE AND SMOKE PREVENTION



Mellon Institute of Industrial Research and School of Specific Industries

Smoke Investigation

Bulletin No. 2

Bibliography of Smoke and Smoke Prevention

Compiled by

Ellwood H. McClelland

Technology Librarian, Carnegie Library of Pittsburgh

University of Pittsburgh Pfttsburgh, Pa. Eng 5,34

MARYARD COLLEGE LIBRARY
RECEIVED THROUGH THE
GRADUATE SCHOOL OFBUSINESS ADMINISTRATION
1934

COPYRIGHT 1913
Melion Institute of Industrial Research and School of Specific Industries

N. Y. PUBLIC LISRARY

,

Introduction

The present compilation is based on a bibliography of Smoke and Smoke Prevention published by the Carnegie Library of Pittsburgh in its "Monthly Bulletin" of May, 1907. Most of the work has been done in the Technology Department of this Library, where all references marked with the asterisk may be consulted. The list deals mainly with coal smoke and does not include the literature of dust, metallurgical fumes, fuels, firing, and other subjects more or less directly related to the suppression of smoke.

Titles and quotations are given as in the original, regardless of variations in spelling. Each reference gives the date of publication, shows the extent and method of illustration, and indicates the length of the article, either in words or by inclusive paging. Titles and sources are given in full. In identifying the sources of certain official publications of Great Britain, use has been made of the symbols given in the various General Indexes to the Bills, Reports, Estimates, Accounts and Papers, published by the House of Commons. Some original references which could not be personally examined are referred to informally in the annotations to reprints or abstracts, but the compiler does not assume responsibility for the accuracy of these citations. The style is that generally followed in library catalogues, initial capitals being used in names of organizations, but not in titles of articles or journals or in German nouns.

A thoroughly satisfactory classification is impossible, since only a relatively small number of the articles deal definitely with specific problems.

Mr. Walter C. Holmes has given considerable assistance in compilation, and Miss Irene Stewart and Miss Elva Smith in proofreading.

E. H. McC.

5 June, 1913



Contents

Patents	
listory	
erial Publications Combustion of Coal. Formation of Smoke	
Combustion of Coal. Formation of Smoke	
ources of Smoke	**********
ources of Smoke Smoke nuisance in general	
Domestic	
Industrial	
General	
General Railroads, including effect on tunnels	
Steamboate	
Other engist industries	
Steamboats Other special industries composition and Properties of Smoke and Soot	
omposition and Properties of Smoke and Soot	
conomic Considerations. Loss due to Smoke	
Inservation and Measurement	
ffects of Smoke	
ffects of Smoke. Beneficial effects. Utilization of smoke and its products practicability of prevention.	s. Im-
practicability of prevention	
Injurious effects	
Injurious effects	
Effect on structural and decorative materials	
Effect on vegetation	
Effect on vegetation Physiological effects	
Parchological effects	
Psychological effects	**********
Alexander Trevention	**********
moke Prevention Abatement in general Suppression by use of relatively smokeless fuels	
Suppression by use of relatively smokeless fuels	
Installation of central plants for various purposes	
Substitution of alternative forms of power	
Mechanical prevention	
Mechanical prevention	is coal.
Draft	
Chimneys	
Mechanical draft	
Mechanical draft	
Mechanical stokers	
Cteam let Jawlese	
Steam jet devices	
Smoke consumers	
Steam jet devices	
Electrical precipitation of suspended matter of smok fumes Vork of Organizations. Exhibitions	te and
Vork of Organizations, Exhibitions	
General	
France	
Germany and Austria	
Great Britain	
Creat Dillain	***********

CONTENTS

Inspection. Enforcement of Ordinances	13
Smoke Problem in Special Localities	14
Furone	14
France	14
Germany and Austria	14
Great Britain	14
Holland	14
Russia	14
South America	14
United States	14
Chicago	14
Cleveland	14
Pittsburgh	14
Missellaneous	14
Miscellaneous Legal Aspects in General. Unofficial Publications	17
Laws and Ordinances of Special Localities. Official Publicat	i 15
Canala Ordinances of Special Localities. Official Publicat	10ns 15
Canada	13
Manitoba	13
Ontario	15
Quebec	15
France	15
Great Britain	15
United States	15
California	15
Colorado	15
District of Columbia	15
Florida	15
Georgia	15
Illinois	15
Indiana	15
Iowa	15
Kentucky	15
Louisiana	15
Maine	
Maryland	
Massachusetts	15
Michigan	15
Minnesota	16
Missouri	
Nebraska	16
New Jersey	
New York	16
Ohio	16
Pennsylvania	16
Rhode Island	16
Tannaccae	10
Tennessee	10
Texas	
Utah	
Virginia	
Washington	

Abbreviations Used

apx. appendix

c. copyright

col. column or columns

comp. compiler

diag. diagram or diagrams

dr. drawing or drawings

ed. edition

ill. illustration or illustrations

n. d. no date

n. s. new series

p. page or pages

pl. plate or plates

pt. part or parts

pub. publisher

sec. section

v. volume or volumes

w. words

. . . indicates omission of words

* indicates an article in the Carnegie Library of Pittsburgh