A BIBLIOGRAPHY ON "ENGLISH FOR ENGINEERS,": FOR THE USE OF ENGINEERING STUDENTS, PRACTICING ENGINEERS, AND TEACHERS IN SCHOOLS OF ENGINEERING

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649327362

A Bibliography on "English for Engineers,": For the Use of Engineering students, practicing engineers, and teachers in schools of engineering by Wilbur Owen Sypherd

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

WILBUR OWEN SYPHERD

A BIBLIOGRAPHY ON "ENGLISH FOR ENGINEERS,": FOR THE USE OF ENGINEERING STUDENTS, PRACTICING ENGINEERS, AND TEACHERS IN SCHOOLS OF ENGINEERING

Trieste

A BIBLIOGRAPHY

ON

"ENGLISH FOR ENGINEERS"

FOR THE USE OF ENGINEERING STUDENTS, PRACTICING ENGINEERS, AND TEACHERS IN SCHOOLS OF ENGINEERING

TO WHICH ARE APPENDED BRIEF SELECTED LISTS OF TECHNICAL BOOKS FOR GRADUATES IN CIVIL, ELECTRICAL, MECHANICAL, AND CHEM-ICAL ENGINEERING

1

PREPARED BY

WILBUR OWEN SYPHERD PROFESSOR OF ENGLISH IN DELAWARE COLLEGE

Princi e d

SCOTT, FORESMAN AND COMPANY CHICAGO NEW YORK

COPYRIGHT 1916

28

68

6.0

n 8

3 3

10

BY SCOTT, FORESMAN AND COMPANY

20

°л.,

а **ж**

6

8

63

- 22

T11 A12,59

PREFACE

This bibliography is an outgrowth from the editor's experience in the teaching of English to engineering students and from his association with teachers of engineering and with graduate engineers. Although it does not pretend to be an exhaustive list of books and articles on the subjects specified, it does include practically everything that the editor could find on the limited subject of "English for Engineers." It is intended to offer to those who may be interested in one or another of the provinces covered, a reasonably ample list of references to books and articles published before January. 1916. Some of these references will appeal only to teachers of English in engineering schools; others will interest mainly students in engineering; others will be of practical service particularly to young practicing engineers; still others, it is hoped, may be of some import to all of these classes. At the suggestion of practicing engineers, some scattered references to "specific clauses" in Specifications have been inserted in division E of section 8, part C, p. 41, in the hope that they may supplement helpfully the material listed in division A of this section. Teachers of engineering have likewise urged the inclusion of the material in the Appendix on the ground that such brief lists will be of great service to engineers just out of college. I should be grateful to users of the bibliography for suggestions leading toward its betterment.

For their generous encouragement and aid in the preparation of this bibliography, I am greatly indebted to my colleagues Professors Koerber, M. vanG. Smith, Preston, and Whittier, to Professor M. S. Whitaker of Columbia University, to Mr. E. H. McClelland, Technology Librarian of the Carnegie Library of Pittsburgh, and to Mr. Jay M. Whitham and other practicing engineers.

May, 1916

W. O. S.

2 2 i 12

CONTENTS

		r r	AGE
A	THE	IMPOBTANCE OF GOOD ENGLISH TO THE PRACTICING ENGI-	
		NEER	7
в	THE	TEACHING OF ENGLISH TO ENGINEERING STUDENTS	9
С	THE	COMPOSITION OF ENGINEERING PAPERS	11
	1	GENERAL DISCUSSIONS	11
		(a) Books	11
		(b) Articles	11
2	2	MECHANICAL DETAILS	13
	3	USE OF WORDS AND TECHNICAL TERMS	15
	4	THE WRITING OF THESES	17
	5	BUSINESS CORRESPONDENCE	19
	6	REPORTS	21
	7	JOURNALISM	23
	8	SPECIFICATIONS AND CONTRACTS	25
		(a) General	25
		(1) Books	25
		(2) Articles	27
		(b) Clearness	31
		(c) Fairness	33
		(d) Special Articles on the Writing of Contracts	37
		(e) Specific Clauses in Specifications	41
		(1) Civil Engineering	41
		(2) Electrical Engineering	43
		(3) Mechanical Engineering	45
APPENDIX		47	
	TH	E ENGINEER'S LIBRARY	47
	1	MISCELLANEOUS	47
	2	CIVIL ENGINEERING	49
	3	ELECTRICAL ENGINEERING	53
	4	MECHANICAL ENGINEERING	57
	5	CHEMICAL ENGINEERING	59
	6	VALUATION OF PUBLIC UTILITIES	63

A BIBLIOGRAPHY ON "ENGLISH FOR ENGINEERS"

A THE IMPORTANCE OF GOOD ENGLISH TO THE PRACTICING ENGINEER

Breitenbach, The Value of English to the Practicing Engineer, Ann Arbor, 1908.

Cassier's Magazine, August, 1912, p. 161.

Clark, John J., Proc. Soc. Prom. Engr. Educ., 18, pp. 333-357.

Clark, John J., Bull. Soc. Prom. Engr. Educ., 1. 3. 189, 190.

Electric Journal, 3. 4. 186.

Ennis, W. D., Engineering Magazine, May, 1908, pp. 180-184.

Gherardi, Bancroft, Jr., Proc. Soc. Prom. Engr. Educ., 11, p. 294.

Harrington, J. L., The Value of English to the Technical Man, Kansas City, Mo.

Hayford, John F., Proc. Soc. Prom. Engr. Educ., 14, pp. 198-233.

Henshaw, F. V., Electrical World, 51. 6. 305-306.

Hollis, Ira N., Clarkson Bulletin, 7. 1. 10.

Kennedy, Julian, Yale Alumni Weekly, 9. 39. 391.

Kent, William, Proc. Soc. Prom. Engr. Educ., 15, p. 91.

Kerr, W. C., Humphreys' Lecture Notes on Some of the Business Features of Engineering Practice, p. 13.

Kurtz, Benjamin P., The Canadian Engineer, 26, p. 697.

Ledoux, J. W., Engineering News, 67. 11. 492.

<u>t2</u>;