CODE *of* ETHICS *for* ENGINEERS

ENGINEERING work has become an increasingly important factor in the progress of civilization and in the welfare of the community. The engineering profession is held responsible for the planning, construction and operation of such work and is entitled to the position and authority which will enable it to discharge this responsibility and to render effective service to humanity.

That the dignity of their chosen profession may be maintained, it is the duty of all engineers to conduct themselves according to the principles of the following Code of Ethics:

1—The engineer will carry on his professional work in a spirit of fairness to employees and contractors, fidelity to clients and employers, loyalty to his country and devotion to high ideals of courtesy and personal honor.

2—He will refrain from associating himself with or allowing the use of his name by an enterprise of questionable character.

3—He will advertise only in a dignified manner, being careful to avoid misleading statements.

4—He will regard as confidential any information obtained by him as to the business affairs and technical methods or processes of a client or employer.

5—He will inform a client or employer of any business connections, interests or affiliations which might influence his judgment or impair the disinterested quality of his services.

6—He will refrain from using any improper or questionable methods of soliciting professional work and will decline to pay or to accept commissions for securing such work.

7—He will accept compensation, financial or otherwise, for a particular service, from one source only, except with the full knowledge and consent of all interested parties.

8—He will not use unfair means to win professional advancement or to injure the chances of another engineer to secure and hold employment.

9—He will cooperate in upbuilding the engineering profession by exchanging general information and experience with his fellow engineers and students of engineering and also by contributing to work of engineering societies, schools of applied science and the technical press.

10—He will interest himself in the public welfare in behalf of which he will be ready to apply his special knowledge, skill and training for the use and benefit of mankind.

PREFACE

IN a continued effort to render greater service to the science of heating and ventilating than ever before special attention is called to the fact that in this, the fourth annual edition of THE GUIDE, the following new and important changes have been made, which it is believed will greatly increase the value of this 1925-26 volume to the largest number of its users.

The DESIGN AND SPECIFICATION DATA SECTION has been made more of a practical interpretation of the various existing scientific heating and ventilating data, including the CODE OF MINIMUM REQUIREMENTS FOR THE HEATING AND VENTILATION OF BUILDINGS developed by L. A. Harding and his fourteen technical sub-committees, so as to present this data in THE GUIDE in the simplest and most accessible form for practical use by Engineers, Architects and Contractors.

The TECHNICAL DESIGN AND SPECIFICATION DATA SECTION has been expanded to cover the general and fundamental data on the various kinds of heating and ventilating systems and the MANUFACTURERS' CATALOG DATA SECTION has been arranged to properly supplement this with the most desirable amplifying and specializing data on specific systems and particular kinds of apparatus. In this section will be found much design and specification data and many layouts and hook-ups to display the various kinds of heating and ventilating systems in use and the proper application, operations and results to be expected of various kinds of apparatus.

In connection with the MANUFACTURERS' CATALOG DATA SECTION a more determined effort has been made to carry out the original idea of having this data as free as possible from all unnecessary selling talk and to present therein only such technical information and instructions concerning each item of apparatus referred to as is of the greatest practical value to both the user and manufacturers, of this apparatus.

While desiring to provide the engineer, architect, contractor, estimator, purchasing agent and draftsman with a complete, convenient and reliable reference data book on modern heating and ventilating practice and equipment, the Guide Publication Committee finds that as progress is made in the industry, changes will be necessary and each GUIDE will represent the best known engineering practice at the time of publication.

As in the case of the first edition issued in 1922, the second edition published in 1923 and the third designated 1924-25, the present GUIDE has extended and simplified much of the technical data. In line with the Council's resolution it has been prepared for publication by Secretary F. C. Houghten under the supervision of Chairman Perry West and the members of the Guide Publication Committee and has been compiled with the idea of assisting the engineer, architect and contractor in designing and producing the most effective installations for heating and ventilating various types of buildings.

Now in this fourth edition a rearrangement of chapters has been made and much new data added and the old data amplified and brought up to date. In the heating section the chapters on Heat Losses from Buildings