



## United States Testing Company, Inc.

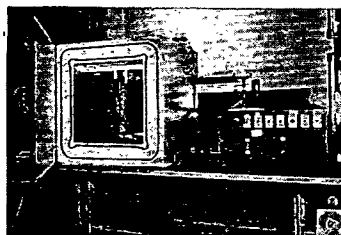
Est. 1880

Main Laboratories

1415 Park Ave., Hoboken, N. J.

PHILADELPHIA, PA.—CHICAGO, ILL.—LOS ANGELES, CALIF.—DENVER, COLO.—NEW YORK, N. Y.—WOONSOCKET, R. I.—BOSTON, MASS.—MEMPHIS, TENN.

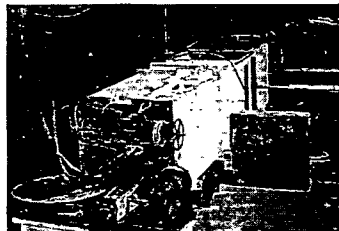
The United States Testing Company, Inc., is one of America's leading independent testing and research laboratories. Established in 1880, it is today an institution known and recognized from coast to coast—an institution whose scientific findings are accepted as impartial and authoritative by every branch of American industry.



**Thermal Transmission Apparatus**  
For measuring thermal conductivity of rigid, semi-rigid or loose types of insulating materials.



**Boiler Testing**  
We have all the necessary equipment to test and rate heating boilers in accordance with I.B.R.—S.B.I.—A.S.M.E. Codes



**Air Filter Duct Testing.**

Our Engineering Laboratory is equipped with all the necessary apparatus to conduct tests on domestic heating boilers for determination of fuel consumption, draft-loss, stack temperature, steam quality, Btu output, flue gas analysis, and over-all efficiency. Rating tests are performed according to either the S.B.I. or I.B.R. codes, as well as under simulated operating conditions for development purposes.

Water heaters can be subjected to capacity tests under wide temperature requirements and varied heating loads. Refractories, fuel additives, valves, pumps, burners, and heating accessories of many types are evaluated scientifically in our laboratories.

Other facilities include all the necessary equipment for conducting exhaustive tests on air cleaning devices according to accepted impingement or the more recent discoloration methods. These tests may be performed with either artificial or natural dusts, under an almost infinite variety of flow rates and dust feed.

Diffusers, grilles, registers, and duct ventilators are regularly tested and rated.

### SOUND MEASUREMENTS

Measurements of sound absorption and sound transmission coefficients are but two of the typical tests made on a great variety of building materials.

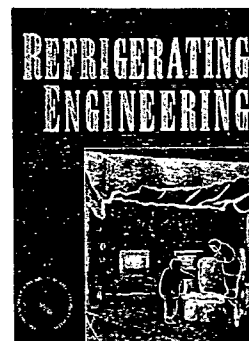
Field and laboratory tests are regularly conducted for determination of sound intensity in the audible range.

Our experts are available for court testimony in connection with any of the tests we perform, in support of our findings.

Write for Descriptive Literature and Price List.

## American Society of Refrigerating Engineers

40 West 40th Street, New York 18, N. Y.



The most rapidly growing magazine in the refrigeration field

lished internationally, on refrigeration and allied subjects. Four issues and an index annually at \$7.00.

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The APPLICATION DATA Sections tell precisely how refrigeration is used in various fields, giving examples and specific information on the best practice known to date. A complete list of the subjects covered is available on application.

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### CODES AND STANDARDS

ASRE further contributes to refrigeration progress by establishing codes and standards in the industry. These standards cover approved methods for testing and rating various types of air conditioning and refrigerating equipment. Also included is the B-9 Safety Code for Mechanical Refrigeration. Sold separately, or a complete set for \$5.00.

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A Journal devoted to brief condensations, by specialists, of all articles of refrigerating interest appearing in hundreds of periodicals and reports pub-

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