



United States Testing Company, Inc.

Established 1880

1415 Park Ave., Hoboken, N. J.

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Member of American Council of Commercial Laboratories

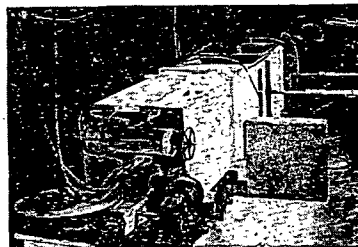
The United States Testing Company, Inc., is one of America's leading independent testing and research laboratories. Established in 1880, it is today an institution known and recognized from coast to coast—an institution whose scientific findings are accepted as impartial and authoritative by every branch 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—SBI—ASME 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 SBI or I-B-R codes, as well as under simulated operating conditions for development purposes.

Convectors and Base Panels are tested in accordance with Commercial Standards and the I-B-R codes respectively, using the Warm Wall Booth Method.

Water heaters, refractories, fuel additives, valves, pumps, burners and heating accessories are evaluated scientifically.

Other facilities include all the necessary equipment for conducting exhaustive tests on air cleaning devices according to accepted impingement or 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

Determination 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.

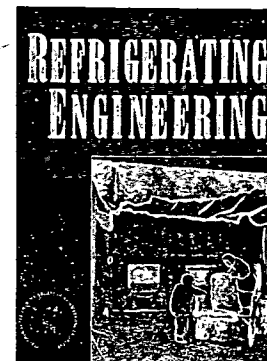
Our experts are available for court testimony in connection with any of the tests we perform, in support of our findings.

Write for Descriptive Literature and Price List.

1550

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.

APPLICATION DATA SECTIONS

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 request. Some 26 bulletins are available separately at reasonable prices for single copies or quantity orders and can also be had bound with a paper cover, the complete set for \$4.00.

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 handy 6¼ in. x 9 in. volume containing the thermodynamic properties of all refrigerants now in use, (reprinted from ASRE Data Book) forms a convenient reference for design and application engineers, contractors, professors and students. Cloth bound, \$2.00, paper bound, \$1.50.

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It is the policy of the ASRE to treat in its meetings current subjects touching upon all phases of the art of refrigeration. Membership is in several grades with dues from \$10 to \$20. Sections hold meetings in 31 principal cities. More detailed information will be sent on request.

REFRIGERATION ABSTRACTS

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

To keep abreast with progress in refrigeration and air conditioning, read the publications and follow the activities of the AMERICAN SOCIETY OF REFRIGERATING ENGINEERS, 40 West 40th St., New York 18, N. Y.

1551