

Bomb attack on boiler problems

Any thorough study of boiler water problems involves investigations under conditions which simulate those of actual boiler operations. That is the reason for "bombs"—strong, thick walled cylinders of various sizes and types in which water or solutions of various kinds can be subjected to the highest temperatures and pressures encountered in modern boilers.

These "bombs" are a standard tool at Hall Laboratories. Sometimes they are used in studying the solubility of a substance, sometimes to investigate decomposition of different solutions at those high pressures and temperatures, sometimes to determine the effect on the bomb metal —which is the same as the metal of the boiler— of various substances that are found in or added to boiler water.

Through this and other methods of inquiry, Hall Laboratories learns not merely what reaction takes place in a test tube but *what will happen in your boiler.*

"Bomb" studies are typical of the thoroughness with which Hall Laboratories investigates every aspect of boiler water conditioning. The original Hall system of boiler water conditioning was based on thorough research, and thorough research maintains Hall leadership — which is one more reason why so many plants of all sizes, in all industries, in all parts of the country, use Hall service.

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HALL LABORATORIES, INC.

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CONSULTANTS ON
INDUSTRIAL WATER TREATMENT
HALL SYSTEM OF BOILER WATER CONDITIONING
INDUSTRIAL WASTE RECOVERY AND DISPOSAL