

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Satish K. Babbar, R.A., Acting Commissioner
MEA 348-00-E

Report of Material and Equipment Acceptance Division

Manufacturer – A.O. Smith Water Products Company, U.S. Highway 1, North
McBee, South Carolina 29101.

Trade Name - A.O. Smith Water Products.

Product – Gas fired water heaters.

Pertinent Code Section(s) - 27-800, P107-26, RS 14-2 (ANSI Z223.1).

Prescribed Test(s) - RS 14-6 (ANSI Z21.10.1).

Laboratory – American Gas Association Laboratories Inc.

Test Report(s) – Report No. 10-31B.

Description – Gas fired, automatic storage type water heaters, Model BTI, as tabulated below. Units consist of glass-lined steel tank with foam insulation, natural draft burners, intermittent ignition system, adjustable thermostat and a draft inducer, dip tube, and controls. Units are provided with temperature and pressure relief valve. Units, with model numbers, input heating and storage capacities are listed below:

Model No.	Input Heating Rating BTUH	Storage Capacities Gallons
BTI-80	80,000	71
BTI-100	100,000	94

Note: Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: front - 4 inches; ceiling - 12 inches; sides, rear - 0 inches; gas vent - 6 inches.

Recommendation - That the above described commercial water heaters installed as per clearances to combustible construction specified above, be accepted when fired by natural gas only, under the following conditions:

1. Heaters shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
2. All shipments and deliveries of such equipment shall be provided with a laboratory label and a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and acceptable for use, as provided for in section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance Oct 27, 2000

Examined by S. Derkshidan