

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

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

Patricia J. Lancaster, A.I.A., Commissioner

MEA 55-03-E
Report of Material and Equipment Acceptance Division

Manufacturer – A.O. Smith Water Products Company, P.O. Box 600, U.S. Highway 1 North, McBee, South Carolina 29101.

Trade Name – State, Gladiator.

Product – Gas or oil fired water heaters.

Pertinent Code Sections - 27-800, 27-824, RS 14-2 (ANSI Z223.1), P107-26.

Prescribed Test - RS 14-6 (ANSI Z21.10.1, UL 296, UL 732).

Laboratory – Underwriters Laboratories, Inc.

Test Report – UL File MH25183 dated November 19, 2002; MH15265 dated December 12, 2002.

Description – Oil fired, Series GPO, commercial, instantaneous or automatic circulating type water heater. Unit consists of glass-lined steel water storage tank with foam insulation, equipped with an oil-fired power burner for operation at 180 degrees, arranged for “on/off” operation, provided with a fixed air shutter setting, proved ignition, and operates firing No. 1 or No. 2 fuel oil. Unit is provided with a temperature and pressure relief valve.

Gas fired, Series GPG, commercial, auto storage auto circulating type water heater. Unit consists of glass-lined steel water storage tank with foam insulation, equipped with a gas-fired power burner for operation at 180 degrees, arranged for “on/off” operation, provided with an adjustable air shutter, proved ignition, and operates firing Natural or Propane gas. Unit is provided with a temperature and pressure relief valve.

Units with model numbers, gas or oil input ratings and storage capacities are listed below:

Model No.	Input Heating Rating BTUH	Storage Capacities Gallons
GPO-86-199	199,000	86
GPO-86-245	245,000	86
GPO-84-315	315,000	84
GPO-75-385	385,000	75
GPO-75-455	455,000	75
GPO-69-700	700,000	69
GPG-81-140	140,000	81
GPG-81-199	199,000	81
GPG-81-270	270,000	81
GPG-81-370	370,000	81

Notes: 1. GPO – oil fired; GPG – gas fired.

2. Units may be installed on noncombustible flooring. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the Building Code.

Recommendation - That the above described 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 metal tag certifying that the equipment shipped or delivered are 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 April/25/03

Examined By S. D. K. Huda