

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

IAPMO GUIDE CRITERIA

FOR

**DRAIN ROCK REPLACEMENT MATERIALS USED IN
SEPTIC LEACH DISPOSAL SYSTEMS**

IAPMO IGC 199-2004 (R2014)

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable standard for materials used to replace drain rock in septic leach systems. The intent is to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture and installation, and to provide for identifying rock and gravel replacement materials complying with this standard.
- 1.2** The provisions of this standard are not intended to prevent the use of any alternate material or method of construction provided that any such alternate meets the intent of the standard.

2. SCOPE

- 2.1** Drain rock is used in subsoil leach systems that dispose of septic effluent or treated wastewater effluent in order to provide structural support for the soil surrounding the leach systems, provide a material that disperses the flow of effluent to prevent point loading to the absorptive surface, provide void space for air penetration and for storage capacity in the leach system. Drain rock replacement materials used to substitute for natural rock. This standard is to insure that such replacement materials provide equivalent function to drain rock in leach or drainage systems.

3. REFERENCED STANDARDS

- 3.1** All standards referenced herein shall be the current edition of that standard as published.

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Prefabricated Septic Tanks