

**STATE OF OREGON  
BUILDING CODES DIVISION  
INTERPRETIVE RULING NO. 96-2**

**USE OF TOPP INDUSTRIES 18" X 30" POLYETHYLENE SUMP BASIN**

**QUESTION:** Should the 18" x 30" Topp Industries polyethylene sump basin be permitted as an alternate material and method of installation for laundry tray holding tank and sewage ejector tank installations?

**Asked by:** Richard M. Gustafson, Wm. A. Matzke Co., Inc., 8323 S.W. Pine,  
Portland Oregon 97223.

**BACKGROUND:** Current Plumbing Code provisions specify IAPMO PS 52-92 as the standard for sumps and sewage ejector tanks. This standard became part of the Oregon State Plumbing Specialty Code (OSPSC) effective April 1, 1996. Prior to the adoption of the IAPMO PS 52-92 standard in the 1996 OSPSC, the IAPMO IGC 4-91 standard had been used to review these products. This request references the IAPMO IGC 4-91 standard and was made prior to the 1996 OSPSC implementation. Laboratory testing results have been provided by the manufacturer from Gaynes Testing Laboratories, Ltd., 1642-52 West Fulton Street, Chicago, Illinois 60612, to the IAPMO IGC 4-91 standard.

**FINDINGS:** Testing results provided show the proposed design is satisfactory and complies with the intent of the Code and the material offered is for the purpose intended, in quality, strength, effectiveness, durability and safety to that prescribed in the nationally recognized IAPMO IGC 4-91 standard.

**DISCUSSION AND CONCLUSIONS:**

**Authority.** ORS 455.060 authorizes the Division to issue binding interpretive rulings on the building codes and on acceptability of materials, design or method of construction. Advice received from the Attorney General in OP #5208, October 1, 1981.

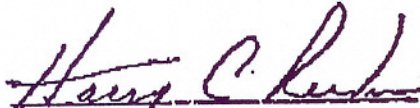
**Code or factual issues to be resolved.** Due to the above technical and scientific facts, the Plumbing Board finds the materials and construction of the Topp Industries, Inc., 18" x 30" polyethylene sump, manufactured to the IAPMO IGC 4-91 standard and installed in accordance with the Oregon State Plumbing Specialty Code, is equivalent in quality, strength, effectiveness, durability and safety as other sump receiver basins addressed in the code.

**Analysis:** The Topp Industries, Inc., 18" x 30" polyethylene sump, has been tested by Gaynes Testing Laboratories, Ltd., as meeting the requirements of the IAPMO IGC 4091 manufacturing and testing standard. This standard is the appropriate standard for consideration of these products.

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**Conclusion:** When installed properly and within the limitations of this ruling the use of the Topp Industries, Inc., 18" x 30" polyethylene sump, is equivalent to current code approved methods for sump basins.



Harry C. Reeder, P.E.  
Chairman, Plumbing Board

April 19, 1996

Date

The recommendations and findings of the Board are accepted and the Interpretation is adopted effective immediately.



Joseph A. Brewer III  
Administrator

April 23, 1996

Date