

**State of Oregon
Building Codes Division
Interpretive Ruling No. 96-11**

USE OF GIBSON STEEL 24" x 48" x 38" TWO-COMPARTMENT CATCH BASIN

Requested By: JIM GIBSON
GIBSON STEEL FABRICATION, INC.
247 WASHINGTON STREET
EUGENE, OREGON 97401

QUESTION

Should the Gibson Steel 24" x 48" x 38" two-compartment catch basin be permitted as an alternate material and method of installation for use as a sand interceptor or catch basin installation?

BACKGROUND

Current Plumbing Code provisions specify catch basin specifications in Section 1108.0. This standard became part of the Oregon State Plumbing Specialty Code (OSPSC) effective April 1, 1996.

FINDINGS

Engineering and design data provided by the manufacturer 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 specifically prescribed in the code under Section 1108.0.

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 Gibson Steel 24" x 48" x 38" two-compartment catch basin, manufactured to the catch basin specifications of the OSPSC and installed in accordance with the OSPSC, is equivalent in quality, strength, effectiveness, durability and safety as other approved catch basins.

ANALYSIS

The Gibson Steel 24" x 48" x 38" two-compartment catch basin has been engineered as meeting the requirements of the AASHTO H-20 highway loading standard. This standard is the appropriate standard for consideration of these products when used in traffic areas.

CONCLUSION

When installed properly and within the limitations of this ruling, the use of the Gibson Steel 24" x 48" x 38" two-compartment catch basin is equivalent to current code approved methods for catch basins.

(signed October 18, 1996)

Arthur G. Atchison
Chairman, Plumbing Board

Date

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

(signed October 21, 1996)

Joseph A. Brewer III, Administrator
Building Codes Division

Date