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March 14, 2011

Kevin L. Birchmeier
TOPP Industries, Inc.
Hwy 25 North, P.O. BOX 420
Rochester, IN 46875

RESEARCH REPORT: RR 5311
EFFECTIVE DATE: 4/10/11
EXPIRATION DATE: 4/01/12
Telephone: 800-354-4534

GENERAL APPROVAL - Renewal - Round Polyethylene and Fiberglass Sump Basins, Models of B24SS, B31SS, B24SSV, B32SS, B41DSA, B51DSA, B27SSV for Polyethylene basins. Also for Topp Industries Model Number HUB401 FG & G400. See attached list for fiberglass series, with suffixes ###, F and S. These are manufactured by Topp Industries, Inc.

DETAILS

These products are round sump basins constructed of polyethylene and fiberglass. They are available in various diameters and depths. The metal covers, secured by a flange and bolts, are made for single or twin pump mountings, and a vent connection. Cast iron caulking hubs as well as stainless steel or enamel coated pipe couplings are available as side inlets. 3M Windo-Weld Ribbon Sealer applied between the metal cover and the basin provides a water-tight joint and enables the sump basin assembly to meet the 10-foot head pressure test per Section 94.712.2 of Los Angeles Plumbing Code (LAPC), 2008 Edition.

The approval is subject to the following conditions:

1. These sumps may be installed only in plumbing drainage systems.
2. These sumps shall be adequately restrained where the ground water level may cause flotation.
3. Only the 3M Windo-Weld Ribbon Sealer shall be used between the metal cover and the basin.
4. Access, as required by the Los Angeles Electrical Code, shall be provided for maintenance and repair of any electrical equipment.

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RE: Round Polyethylene and Fiberglass Sump Basin

5. Where any portion of the sump is located within 10 feet of a property line, bearing wall, or the toe of a slope which exceeds four feet in vertical height, the location and size of each installation shall be indicated on plans approved by the Structural Plan Check Section of the Engineering Bureau.
6. When located within a building, the sump shall be buried in the ground or encased in a minimum of 4 inches of concrete. Otherwise, evidences shall be provided that the resins used in the sump comply with the applicable sections of the Los Angeles Building Code (Please contact Research & Development Division at 213-485-2376 regarding this matter).
7. Each sump shall be marked with a permanent label attached to the sump showing the name "TOPP Industries, Inc.", and the appropriate model number where visible for inspection purposes.

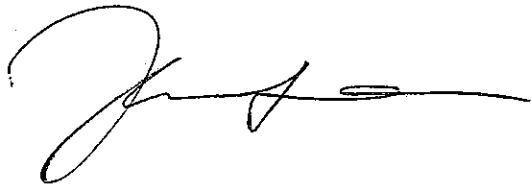
DISCUSSION

File and reports were reviewed by the Mechanical Testing Laboratory. The material and construction of these sump basins are equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

This approval is granted under Sections 94.301, 94.710, and 94.712.2 of the Los Angeles Plumbing Code (LAPC), 2008 Edition.

Approved by:



Thomas Liu
Mechanical Testing Laboratory
Engineering Bureau

Concurred by:



Plumbing/Mechanical Inspection Division
Inspection Bureau

RR-5311: TOPP INDUSTRIES, INC.

SUMP BASINS

LIST OF APPROVED FIBERGLASS MODELS

BASIN	COVERS
FB18X###	C18---
FB24X###	C24---
FB30X###	C30---
FB36X###	C36---
FB42X###	C42---
FB48X###	C48---
FB60X###	C60---
FB72X###	C72---
FB96X###	C96---
FB120X###	C120---

LEGEND:

= Basin Depth, in inches
F = Fiberglass Anti-Flotation Flange
S = Steel
SS = Simplex Steel
SSV = Simplex with side vent
--- = Basin Cover
WSL = Light Duty Solid Steel
WSH = Heavy Duty Solid Steel
WP = Solid Polypropylene
SP = Simplex Polypropylene
SSL = Light Duty Simplex
SSH = Heavy duty Simplex
WF = Solid Fiberglass
SSA = Simplex steel with pump access
DSA = Duplex Steel
HSF = Fiberglass Hatch Cover
HSS = Steel Hatch
HSA = Aluminum Hatch
WS = Solid Steel