

# CITY OF MILPITAS

Office of Building Safety  
455 E. Calaveras Blvd.  
Milpitas, CA 95035  
408-586-3240  
[www.milpitas.gov](http://www.milpitas.gov)



## POOL/SPA ANTI-ENTRAPMENT DEVICE CERTIFICATE

Project Address: \_\_\_\_\_ Permit Number: \_\_\_\_\_

I (the property owner) hereby certifies that the permit listed above for construction of a new swimming pool or spa, or the remodel or modification of an existing swimming pool, toddler pool, or spa, at the location listed above, complies with the anti-entrapment requirements below.

Whenever a building permit is issued for the construction of a new swimming pool or spa, the pool or spa shall meet all of the following requirements [CBC Section 3109.2.115928]:

1. The suction outlets of the pool or spa for which the permit is issued shall be equipped to provide circulation throughout the pool or spa as prescribed in paragraphs 2 and 3 below.
2. The swimming pool or spa shall either have at least two circulation suction outlets per pump that shall be hydraulically balanced and symmetrically plumbed through one or more "T" fittings, and that are separated by a distance of at least three feet in any dimension between the suction outlets, or be designed to use alternatives to suction outlets including, but not limited to, skimmers or perimeter overflow systems to conduct water to the recirculation pump.
3. The circulation system shall have the capacity to provide a complete turnover of pool water, as follows [CBC 3124B]:
  - One-half hour or less for a spa pool; and
  - One-half hour or less for a spray ground; and
  - One hour or less for a wading pool; and
  - Two hours or less for a medical pool; and
  - Six hours or less for all other types of pools.
4. Suction outlets shall be covered with anti-entrapment grates, as specified in the ANSI/APSP-16 performance standard or successor standard designated by the federal Consumer Product Safety Commission, that cannot be removed except with the use of tools. Slots of openings in the grates or similar protective devices shall be of a shape, area and arrangement that would prevent physical entrapment and would not pose any suction hazard to bathers.
5. Any backup safety system that an owner of a new swimming pool or spa may choose to install in addition to the requirements set forth in paragraphs 1 through 4 above shall meet the standards as published in the document, "*Guidelines for Entrapment Hazards: Making Pools and Spas Safer*", Publication Number 363, March 2005, United States Consumer Products Safety Commission.

Whenever a Building Permit is issued for the remodel or modification of any existing swimming pool, toddler pool, or spa, the permit shall require that the suction outlet or suction outlets of the existing swimming pool, toddler pool, or spa be upgraded so as to be equipped with anti-entrapment grates, as specified in the ANSI/APSP-16 performance standard or a successor standard designated by the federal Consumer Product Safety Commission. [CBC Section 3109.2.115928.5]

\_\_\_\_\_  
Signature of Property Owner

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date: