



HEALTH & FOOD SAFETY
George A. Purefoy Municipal Center
6101 Frisco Square Blvd. 3rd Floor
Frisco, TX 75034
Telephone 972-292-5304
Facsimile 972-292-5388
e-mail: health@friscotexas.gov

COMMERCIAL POOL & SPA
PRE-CONSTRUCTION CERTIFICATION REQUIREMENTS

Updated 12-2013

DOCUMENTS THAT ARE NOT COMPLETE
WILL NOT BE ACCEPTED

- A Professional Engineer must provide a Pre-Construction Certification for permitting and plans submission of commercial pools & spas
The Pre-Construction Certification must be placed on Engineer letterhead or state company/individual name, complete address, telephone and facsimile numbers and include:

- Date of Certification
Document Titled "Pre-Construction Certification"
The following text:

- I _____, the undersigned licensed professional engineer, have examined the plans/blueprints and specifications for the swimming pool(s) and/or spa(s) and/or other water/play features and associated facilities to be constructed at:

_____ Project Name
_____ Street Address
_____ City, State, Zip

Submitted to me by:

_____ Pool Builder Name
_____ Street Address
_____ City, State, Zip

Telephone (____)____-_____ Fax(____)____-_____

and

_____ Owner's Name
_____ Street Address
_____ City, State, Zip

Telephone (____)____-_____ Fax(____)____-_____

- I certify that the submitted plans/blueprints and specifications for the above described swimming pool(s) and/or spa(s) and/or other water/play features and associated facilities meet or exceed the requirements detailed in Sections 265.184 through 265.201 and 265.205 of the Texas Department of Health Standards for Swimming Pools and Spas, found at http://www.dshs.state.tx.us/poolspa, adopted July 1, 2004, to be effective Sept 1, 2004-except that Jan 1, 2005 is the effective date under Section 265.190(e). Furthermore, I certify the accuracy of the calculations that I am providing.

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PRE-CONSTRUCTION CERTIFICATION REQUIREMENTS (Cont'd)

- **Calculations and Design Values:**

- Pool Volume _____ Gallons
- Turnover Rate _____ Hours
- Flow Rate _____ Gallons Per Min.
- Total Dynamic Head _____ Feet of Head
- Maximum Velocity in Suction
Lines at Designed Flow _____ Feet Per Second
- Maximum Velocity in Return
Lines at Designed Flow _____ Feet Per Second

Pools/Spas with Grates:

- Maximum Velocity at Main Drain
Grate (Min. 24" Diag.) at Designed Flow _____ Feet Per Second
- Maximum Flow through Remaining
Drain Grate with One Main Drain Blocked _____ Feet Per Second

Pools/Spas with Covers:

- Maximum Design Flow Rate at Main
Drain with Approved Covers _____ Gallons Per Min.
- Main Drain Cover Approved
Flow Rate (Stamped on Cover) _____ Gallons Per Min.
- Maximum Flow through Remaining
Drain Cover with One Main Drain Blocked _____ Gallons Per Min.
_____ Feet Per Second.
- Required Skimmers _____ Number
- Required Return Inlets _____ Number
- Bather Loads (pool) (spa) _____ Number

Designed suction systems, including sumps and covers/grates are ASME/ANSI A112.19.8 - 2007 or successor standard approved, have a minimum of three (3') feet separation and do not exceed the approved flow rate in GPM or FPS, and meet the requirements of the Virginia Graeme Baker Law.

- Include Signature Block and Engineer's Seal as follows:

Engineer's Signature

Engineer's Seal Here



COMMERCIAL POOL & SPA * POST-CONSTRUCTION CERTIFICATION *

DOCUMENTS THAT ARE NOT COMPLETE WILL NOT BE ACCEPTED

- A Professional Engineer must provide a Post-Construction Certification upon completion of all pool, spa and and/or water/play features construction activities and prior to the issuance of the Certificate of Occupancy and the Permit To Operate.
- The Post-Construction Certification must be placed on Engineer letterhead or state company/individual name, complete address, telephone and facsimile numbers and include:

- Date of Certification
- Document Titled "Post-Construction Certification"
- The following text:

- I _____, the undersigned licensed professional engineer, have examined the completed construction and/or installation of the swimming pool(s) and/or spa(s) and/or other water/play features and associated facilities located at:

_____ Project Name
 _____ Street Address
 _____ City, State, Zip

Constructed by:

_____ Pool Builder Name
 _____ Street Address
 _____ City, State, Zip

Telephone(____)____-____ Fax(____)____-____

and Owned by:

_____ Owner's Name
 _____ Street Address
 _____ City, State, Zip

Telephone(____)____-____ Fax(____)____-____

- I certify that the completed and installed pool(s) and/or spa(s) and/or other water/play features and associated facilities at the above described location meets or exceeds the requirements detailed in Sections 265.184 through 265.201 and 265.205 of the Texas Department of Health Standards for Swimming Pools and Spas, found at <http://www.dshs.state.tx.us/poolspa>, adopted July 1, 2004, to be effective Sept 1, 2004-except that Jan 1, 2005 is the effective date under Section 265.190(e). Furthermore, I certify the accuracy of the calculations that I am providing.

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POST-CONSTRUCTION CERTIFICATION REQUIREMENTS (Cont'd)

- **Calculations and Design Values:**

- Pool Volume _____ Gallons
- Turnover Rate _____ Hours
- Flow Rate _____ Gallons Per Min.
- Total Dynamic Head _____ Feet of Head
- Maximum Velocity in Suction
Lines at Designed Flow _____ Feet Per Second
- Maximum Velocity in Return
Lines at Designed Flow _____ Feet Per Second

Pools/Spas with Grates:

- Maximum Velocity at Main Drain
Grate (Min. 24" Diag.) _____ Feet Per Second
- Maximum Flow through Remaining
Drain Grate with One Main Drain Blocked _____ Feet Per Second

Pools/Spas with Covers:

- Maximum Flow Rate at Main
Drain with Approved Covers _____ Gallons Per Min.
- Main Drain Cover Approved
Flow Rate (Stamped on Cover) _____ Gallons Per Min.
- Maximum Flow through Remaining
Drain Cover with One Main Drain Blocked _____ Gallons Per Min.
_____ Feet Per Second.
- Skimmers _____ Number
- Return Inlets _____ Number
- Bather Loads (pool) (spa) _____ Number

Installed suction systems including sumps and covers/grates are ASME/ANSI A112.19.8 - 2007 or successor standard approved, have a minimum of three (3') feet separation and do not exceed the approved flow rate in GPM or FPS, and meet the requirements of the Virginia Graeme Baker Law.

- Include signature block and Engineer's Seal as follows:

Engineer's Signature

Engineer's Seal Here