



250 W. First Street, Prosper, TX 75078
Phone 972-346-3502

Commercial Pool & Spa PRE-Construction Certification

Existing Permit #: _____ Date: _____

Incomplete documentation will not be accepted.

A Professional Engineer must provide this form for permitting and plans submission of commercial pools & spas.

Date of Certification: _____

Pre-Construction Certification

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 Owned by:
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), 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 September 1, 2004 - except that January 1, 2005 is the effective date under Section 265.190(e). Furthermore, I certify the accuracy of the calculations that I am providing.

Calculations and Design Values

Pool Volume:	_____ Gallons
Turnover Rate:	_____ Hours
Flow Rate:	_____ Gallons Per Minute
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 (1) main drain blocked:	_____ Feet Per Second

Pools/Spas with Covers

Maximum Design Flow Rate at main drain with approved covers:	_____ Gallons Per Minute
Main Drain Cover Approved Flow Rate (stamped on cover):	_____ Gallons Per Minute
Maximum Flow through remaining drain cover with one (1) main drain blocked:	_____ Gallons Per Minute

Required Skimmers:	_____ Feet Per Second
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.

Engineer's Signature _____

Engineer's Seal Here

Engineering Company: _____
Individual Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____
Fax: _____