

(Engineer's Letterhead)
(Date)

Pre-Construction Certification Letter for NRH Aquatic Facilities

I, the undersigned licensed professional engineer, have examined the plans/blueprints and specifications for the (swimming pool) (spa) (PIWF) and associated facilities to be constructed/installed at:

_____ (Location Name)

_____ (Street Address)

North Richland Hills, Texas _____ (Zip Code) submitted to me by:

_____ (Builder's Name)

_____ (Street Address)

_____, _____ (City, State & Zip Code)

(Telephone) _____ - _____ - _____ Email: _____ @.com

And

_____ (Owner's Name)

_____ (Street Address)

_____, _____ (City, State & Zip Code)

(Telephone) _____ - _____ - _____ Email: _____ @.com

I certify that I have reviewed the laws, rules, and regulations below. I also certify that the submitted plans, blueprints, and specifications for the above described aquatic facility and associated facilities are in accordance with good public health engineering practices and meet or exceed the requirements detailed in:

- [2018 International Swimming Pool/Spa Safety Code \(2018 ISPSC\);](#)
- [NRH Amendments to the 2018 ISPSC;](#)
- [25 Texas Administrative Code 265 Subchapter L \(Texas State Pool Rules\);](#)
- [25 Texas Administrative Code 265 Subchapter M \(Texas PIWF Rules\);](#)
- [NRH Aquatic Facilities Ordinance;](#)
- [Texas Health and Safety Code, Title 9, Subtitle A, Chapter 757 \(where applicable\)](#)

Where standards may vary, the more stringent standard applies. Furthermore, I certify the accuracy of the calculations that I am providing on the following page.

Pool/Spa Volume _____ Gallons

Average Depth of Pool/Spa _____ Gallons

Designed Turnover Rate _____ per Hour

Designed Flow Rate _____ Gallons per Minute

Designed 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 (Add More Lines if Necessary to Show All Suction Outlets):

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 (Add More Lines if Necessary to Show All Suction Outlets):

Maximum Designed 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 Main Drain Blocked

_____ Gallons per Minute

Engineer's Full Name

Engineer's Address

Engineer's Telephone Number

Engineer's Email

Engineer's Seal with Signature

(Engineer's Letterhead)

(Date)

(Engineer's Letterhead)
(Date)

Post-Construction Certification Letter for NRH Aquatic Facilities

I, the undersigned licensed professional engineer, have examined the completed construction/installation of the (swimming pool) (spa) (PIWF) and associated facilities located at:

_____ (Location Name)

_____ (Street Address)

North Richland Hills, Texas _____ (Zip Code) submitted to me by:

_____ (Builder's Name)

_____ (Street Address)

_____, _____ (City, State & Zip Code)

(Telephone) _____ - _____ - _____ Email: _____ @.com

And

_____ (Owner's Name)

_____ (Street Address)

_____, _____ (City, State & Zip Code)

(Telephone) _____ - _____ - _____ Email: _____ @.com

I certify that I have reviewed the laws, rules, and regulations below. I also certify that the submitted plans, blueprints, and specifications for the above described aquatic facility and associated facilities are in accordance with good public health engineering practices and meet or exceed the requirements detailed in:

- [2018 International Swimming Pool/Spa Safety Code \(2018 ISPSC\);](#)
- [NRH Amendments to the 2018 ISPSC;](#)
- [25 Texas Administrative Code 265 Subchapter L \(Texas State Pool Rules\);](#)
- [25 Texas Administrative Code 265 Subchapter M \(Texas PIWF Rules\);](#)
- [NRH Aquatic Facilities Ordinance;](#)
- [Texas Health and Safety Code, Title 9, Subtitle A, Chapter 757 \(where applicable\)](#)

Where standards may vary, the more stringent standard applies. Furthermore, I certify the accuracy of the calculations that I am providing on the following page.

Pool/Spa Volume _____ Gallons

Average Depth of Pool/Spa _____ Gallons

Designed Turnover Rate _____ per Hour

Designed Flow Rate _____ Gallons per Minute

Designed 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 (Add More Lines if Necessary to Show All Suction Outlets):

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 (Add More Lines if Necessary to Show All Suction Outlets):

Maximum Designed 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 Main Drain Blocked

_____ Gallons per Minute

Engineer's Full Name

Engineer's Address

Engineer's Telephone Number

Engineer's Email

Engineer's Seal with Signature

(Engineer's Letterhead)

(Date)