



**SWIMMING POOL
CONSTRUCTION APPLICATION**

Shasta County Department of Resource Management
Environmental Health Division
1855 Placer Street, Suite 201, Redding, CA 96001
Phone: 530/225-5787 • Fax: 530/225-5413
www.co.shasta.ca.us

Submit this information along with two (2) complete sets of plans and specifications of the proposed pool detailing compliance with the California Health and Safety Code, Sections 116025 – 116068, the California Code of Regulations Title 22 and 24, and the California Administrative Code Title 22.

- Fill in all appropriate spaces on the application. Missing information or improperly prepared plans may delay the plan approval process.
- All existing pools will be checked to ensure that appropriate drain covers comply with ASME/ANSI A112.19-8.2007 performance standards. Therefore, if this is an existing pool, be sure to fill in all information asked below.
- All Pool plans must be on at least 18x24 inch paper, drawn to scale (minimum ¼ inch per foot).
- All Spa and Wading pool plans must be on at least 18x24 inch paper, drawn to scale (minimum one inch per foot).

Owner: _____ Phone: _____
Address: _____

Architect/Engineer: _____ Phone: _____
(license #)
Address: _____

Builder: _____ Phone: _____
(license #)
Address: _____

Plumber: _____ Phone: _____
(license #)
Address: _____

Electrician: _____ Phone: _____
(license #)
Address: _____

TYPE OF POOL (Title 22-Section 65503):

- | | |
|-------------------------------|------------------------------------|
| 1. ___ Commercial Pool | 11. ___ Gymnasium Pool |
| 2. ___ Real Estate Pool | 12. ___ Health Establishment Pool |
| 3. ___ Community Pool | 13. ___ Townhouse Pool |
| 4. ___ Hotel Pool | 14. ___ Condominium Pool |
| 5. ___ Motel Pool | 15. ___ Mobile Home Park Pool |
| 6. ___ Resort Pool | 16. ___ Campground Pool |
| 7. ___ Auto/Trailer Park Pool | 17. ___ Homeowner Association Pool |
| 8. ___ Auto Court Pool | 18. ___ Club Pool |
| 9. ___ Apartment House Pool | 19. ___ Private School Pool |
| 10. ___ Public School Pool | 20. ___ Other |

USE OF POOL

- General Recreational Swimming
- Wading
- Special Use:

1. Instructional
2. Diving
3. Medical
4. Other: _____

LIFESAVING (Title 22-Section 65539):

Life guard stands: Number _____ Height _____

Life rings: Number _____ Height _____

Length/size of rope attached to each: _____

Poles or hooks for lifesaving: Number _____ Height _____

Material _____

First aid kit location: _____

Other lifesaving equipment: _____

SIGNS (Title 22-Section 65539, Title 24-Section 2-3120B):

SIGNAGE	YES	NO
<i>Warning No Life Guard on Duty, Children under age 14 should not...</i>		
<i>Fire, Ambulance, Police/Sheriff with all phone numbers</i>		
<i>Artificial respiration chart</i>		
<i>Occupant Load</i>		
<i>No Diving</i>		
<i>Danger: Gaseous Oxidizer Chlorine (for pools using gas chlorine)</i>		
<i>No use of pool allowed after dark (for pools without lighting)</i>		
<i>Warning sign for use of spa pool</i>		
<i>Keep gate closed signage</i> <i>Quantity:</i>		
<i>Diarrhea signage</i>		

COMPRESSED CHLORINE GAS

(Title 22-Section 65547, Title 24-Section 3135B, Article 680-13)

Yes _____ No _____

Room location: _____

Ventilation: Type: _____

Location: _____

Breathing Apparatus: Type: _____

Make _____ Model _____

Alarm: Type _____ Make _____

Model _____ Location _____

Switch location: _____

Equipment interlocks: _____

Scale: _____

EMERGENCY SWITCH FOR SPA POOLS (Title 24-Section 3138B):

Describe switch and switch location for shut-off of both spa recirculation system and aeration and/or jet system:

DRESSING ROOM BUILDINGS, SHOWERS, TOILET FACILITIES (Title 22-Section 3116B):

Yes _____ No _____

Material and color of floor: _____

Slope of floor: _____

Finish of floor: _____

Number of floor drains: _____

Radius of coving: _____

Material and color of walls: _____

Finish of walls: _____

How high above the floor do the walls terminate? _____

DRESSING ROOMS (continued)

Square footage of window area: _____

Capacity of exhaust fans: _____

PHYSICALLY HANDICAPPED ACCESSIBILITY FACILITIES (Title 24-11B Section 1104B):

Describe type and location: _____

POOL SHELL (Title 24-Section 3108B):

Material: _____

Color/finish: _____

Length: _____ Width: _____

Water depth: Maximum: _____ Minimum: _____

Location of devices for attaching rope and buoys at break in pool:

POOL GEOMETRY (Title 24-Section 3109B):

Refer to California Swimming Pool Regulations, Appendix A

Pool Dimensions:

D-1		L-1	
D-2		L-2	
D-3		L-3	
D-4		L-4	
D-5		W-1	
D-6		W-2	

Slope of bottom: Beyond break _____ Shallow end _____

PERMANENT MARKINGS (Title 24-Section 3110B):

Describe depth markers: _____

Depth Marking Line: _____

Lane Markers: _____

Size/color: _____

Location: _____

Describe any decorative designs on pool bottom:

LADDERS AND STAIRS/RECESSED STEPS AND STAIRS (Title 24-Section 3111B):

Detailed drawings must be submitted.

Shallow End

Number of steps: _____ Top Step Tread width: _____ Other Tread width: _____

Riser height: _____

Location: _____ Number of handrails: _____

Deep End

Number of ladders: _____ Pool wall clearance: _____

Location: _____

Number of recessed steps/stairs: _____

Tread Depth: _____ Tread width: _____

HANDHOLDS (Title 24-Section 3112B):

Height of coping above water level: _____

Special use pools--Describe handholds: _____

Coping material: _____

Coping texture: _____

Overhang of coping: _____

Thickness of coping: _____

DIVING BOARDS (Title 24-Section 3113B):

Number: _____ Height above water: _____

How far over the water do they extend? _____

Distance to obstructions over diving board to ten feet in front of it: _____

Railings: _____

POOL DECKS (Title 24-Section 3114B):

Minimum width: _____ Area: _____ Sq. ft.

Slope: _____ Drainage to: _____

Finish: _____

Number of deck drains: _____ Drain inlet size: _____

How far apart are deck drains? _____

POOL LIGHTING-Underwater and Deck (Title 24-Section 3115B, Section 116049.1):

Detailed drawings must be submitted.

Number of lights: _____ Wattage: _____ Amps: _____

Type of overcurrent protection: _____ Amps: _____

Grounded to: _____

How many lights on each circuit? _____

Conforms to California Electrical Code, Article 680:

Yes _____ No _____

WATER SUPPLY (Title 24-Section 3118B):

Water source: _____

Backflow prevention: _____

Air gap separation for pool fill inlets: _____

Inlets: Type: _____ Location: _____

Outlets: Type: _____ Location: _____

FILTRATION (Title 24-Section 3128B):

Detailed drawings must be submitted.

SAND FILTERS (Title 24-Section 3129B):

Manufacturer and type: _____

Area of bed filter: _____

Filtration rate: _____ Gal/Sq Ft/Min.

Filter sand: Depth: _____ Effective size: _____

Uniformity coefficient: _____ Depth of gravel: _____

Sizes: _____ Freeboard above sand: _____

Are filters provided with:

Pressure gauge: _____ Sight glass: _____ Air release valve: _____

Coagulant addition: _____

Backwash rate: _____ Discharged to: _____

DIATOMACEOUS EARTH FILTERS (Title 24-Section 3130B):

Manufacturer and type: _____

Pressure type: _____ Vacuum: _____

Continuous filter aid feed: _____ Rate: _____

Filter surface area: _____ sq.ft. Filtration rate: _____ gal/sq.ft.

How is backwashing done?

CARTRIDGE FILTERS (Title 24-Section 3132B):

Make: _____ Model: _____

Area of bed filter: _____

Filtration Rate (gallons/square feet/minute): _____

Size: _____

Additional set of filters: Yes _____ No _____

DRINKING FOUNTAINS (Title 24-Section 3117B):

Number: _____ Location: _____

HOSE BIBBS (Title 24-Section 3118B):

Number: _____ Location: _____

FENCING AROUND POOL (Title 24-Section 3122B):

Type and location: _____

For chain link:
size of openings: _____

Other fencing:
Distance between vertical members: _____

Distance between horizontal members: _____

Distance between bottom of enclosure and finished grade: _____

Height of fence: _____

FOUNDATIONS FOR POOL EQUIPMENT (Title 24-Section 3122B):

Type: _____ Location: _____

RECIRCULATION SYSTEM (Title 24-Section 3125B):

Pump: Make: _____ Model: _____

Pump rating: _____ hp _____ gpm at _____ feet of head loss

If Spa-Booster Pump: Make: _____ Model: _____

Pump Rating (hp): _____

TYPE (i.e., skimmer, main drain, return)	Pipe Size (inches)	Length (feet)	Number of Fittings

Note: Spa pool aeration and/or jet system shall be completely separate from recirculation system(s) (Title 24, Section 3138B).

RECIRCULATION SYSTEMS (continued)

Location of valves: _____

Location of rate of flow indicator: _____

Location of gauges: _____

Location of strainers: _____

Pool volume: _____

Design turnover rate: _____

CHEMICAL FEEDERS (Title 24-Section 3138B):

Make: _____ Model: _____

Capacity (pounds per day minimum): _____

DISINFECTANT FEEDERS (Title 24-Section 3138B):

Make: _____ Model: _____

Sanitizer: _____

Capacity (pounds per day minimum): _____

Rate of flow adjustment: _____

SKIMMING SYSTEMS (Title 24-Section 3136B):

Detailed drawings must be submitted.

Perimeter Overflow Channels		Surface Skimmers
Depth:	Width:	Number:
Slope:	Length:	Manufacturer/type:
Size of outlets:		Total rate of flow:
Discharge to:		Adjustable over what variation in water levels:
Surge storage capacity:		Type device to prevent airlock in recirculation:

POOL FITTINGS (Title 24-Section 3137B):

Detailed drawings must be submitted.

Outlets:

Pool Main Drain Covers/Grates		
Make:	Model:	Number:
Max gpm (floor):		
Equalizers	Yes	No
Make:	Model:	Number:
Max gpm:	Floor:	Wall:
Hydrostatic Relief Device	Yes	No
Type:	Make:	Model:

INLETS (Return Lines):

Type:	Number:	Location:
Distance below water line:		

CLEANING SYSTEMS (Title 24-Section 3140B):

Suction type: _____

Jet Type: _____

Manufacturer and model #: _____

WASTE WATER DISPOSAL (Title 24-Section 3141B):

Type and location: _____

Piping: _____

Signed: _____ Date: _____

Company & mailing address: _____

Person(s) to contact: _____

Daytime telephone number(s): _____

Incomplete plans may be subject to additional review fees pertaining to our hourly rate of \$63.67.