

SWIMMING POOL SERVICE TECHNICIAN/ TECHNICIAN APPRENTICE CERTIFICATION EXAMINATION APPLICATION



Environmental Health Division
Recreational Waters Program

5050 Commerce Drive, Baldwin Park, CA 91706
www.publichealth.lacounty.gov/eh | (626) 430-5360

- Fill out all required fields. Incomplete applications will **NOT** be accepted.
NOTE: A form of I.D. will be required at check-in on the day of the exam.

DATE OF APPLICATION: _____

SWIMMING POOL SERVICE TECHNICIAN - \$212.00
 SWIMMING POOL SERVICE TECHNICIAN APPRENTICE - \$212.00

APPLICANT INFORMATION			
Name:	Driver's License # (or I.D. and issuing state/foreign country):		
Phone #:	Email:		
Home Address:	City:	State:	Zip:
Business Phone # (Will be posted for public use):	Business Email (Will be posted for public use):		
Signature:			Date:

TECHNICIAN APPRENTICE APPLICANTS			
<p>This section is to be completed by Technician Apprentice applicants ONLY. A copy of the Supervising Technician's driver's license or government-issued ID must be submitted with the application.</p>			
Supervising Technician:	PR #:		
Phone #:	Email:		
Address:	City:	State:	Zip:
ACKNOWLEDGEMENT			
<input type="checkbox"/> I will employ and supervise this apprentice technician applicant and assume full responsibility for his/her work.			
Supervisor Signature:			Date:

ADDITIONAL INFORMATION
<ul style="list-style-type: none"> • Mark the appropriate box at the top of this application to indicate which exam you are requesting to take Swimming Pool Service Technician or Swimming Pool Service Technician Apprentice. • The Swimming Pool Service Technician and Swimming Pool Service Technician Apprentice examinations are scheduled once per month. • For the Swimming Pool Technician Apprentice exam, you must complete the section for Supervising Technician information. • To reserve a spot for either exam, please contact the Recreational Waters Program at (626) 430-5360. • The applicant may choose to provide a business telephone number or email address to be posted for public use on the Certified Swimming Pool Service Technician List http://publichealth.lacounty.gov/eh/docs/business/certified-swimming-pool-technician-list.pdf. • Applications received without a business telephone, or an email address will be listed with the technician's name only. • For more information, visit: www.publichealth.lacounty.gov/eh/business/certified-swimming-pool-service-technician.htm

PAYMENT

- Examination fees are **non-refundable**.
- A new fee is required each time the examination is taken and must be received by the Recreational Waters Program before the exam.
- The examination must be taken within one year from the date the fee is paid.
- **Do not submit your payment until you have received an invoice.**

IN-PERSON:

Submit payment in person between the hours of 8:00 am - 4:30 pm, Monday through Friday, except for holidays, at:

**Environmental Health Headquarters
5050 Commerce Drive,
Baldwin Park, CA 91706**

Acceptable forms of in-person payment include electronic, cash, check, cashier's check, or money order in the exact amount due.

ELECTRONICALLY:

Submit payment online using Credit Card (Visa, MasterCard, American Express, or Discover), Debit Card, and Electronic Check (ECheck).

Email to rhealth@ph.lacounty.gov retrieve a secured email.

Please note that there is an additional convenience fee charge using online payment.

MAIL:

An invoice will be generated and emailed to you along with payment instructions. You may mail payment to the address below. Make Check, Cashier's Check, or Money Order payable to **County of Los Angeles**, and include your invoice number. **Do NOT send cash by mail.**

Mail to:

**Environmental Health Headquarters
Attn: Recreational Waters Program
5050 Commerce Drive,
Baldwin Park, CA 91706**

FOR OFFICE USE ONLY

DATE PAID									
EXAM DATE									
SCORE									
EXAM LETTER									DATE PASSED:

TECHNICIAN EXAM

APPLICANTS MAY BE QUESTIONED ON THE FOLLOWING TOPICS

- California Code of Regulations Titles 22 & 24 regarding requirements at public pools.
- Local laws, ordinances, rules and regulations applicable to swimming pools.
- Disinfection, pH and stabilizer levels.
- Requirements of optional records.
- Clarity, bacteriological, and chemical quality of pool water.
- General requirements for maintaining pools clean, sanitary, and in good repair.
- Skimmers and their proper operation and maintenance.
- Required turnover rates.
- Replacement of equipment.
- Backflow protection.
- Pressure gauges.
- Flow meters.
- Chlorine gas.
- Maximum water temperatures.
- Breakpoint chlorination.
- Chlorine and bromine-based products used to disinfect pool water.
- Methods of action of disinfectants in clarifying and sanitizing pool water.
- Advantages and disadvantages of various disinfectants, their properties and effects on pool water.
- Chlorine demand. Combined, total, and free available chlorine.
- Alternate methods of disinfection and treatment of pool water.
- Balance of pool water. Total alkalinity, calcium hardness and pH, and proper levels in pool water.
- Other chemicals used in pool maintenance including stabilizers, sequestrants, algicides, and flocculants.
- Effects of corrosive and alkaline water.
- Tests and proper use of test kits for measuring disinfected and balanced pool water.
- Pool chemical safety.
- Pool filter types, capabilities, sizing, cleaning, and maintenance.
- Pool pumps, basic design, operation, characteristics, and maintenance. Pump curves.
- Chemical feeders, their proper sizing, use, and maintenance.
- Supplemental equipment associated with pool recirculation systems including, separation tanks, multiport valves, hydrostatic valves, sizing of pool heaters, and ORP meters.

APPLICANTS MAY BE ASKED TO CALCULATE THE FOLLOWING

- Volume of pool to spa.
- Elevate or lower pH, alkalinity, calcium and stabilizer levels.
- Levels of disinfectant in part per million given a pool volume and amount of disinfectant added.
- Minimum flow rates, turnover rates, and filter sizes for public pools.
- Total dynamic head of a pool recirculation system.
- Flow rate from total dynamic head and pump curve charts.
- Volume of water loss through leakage and evaporation.
- Saturation index.
- Horsepower given watts, voltage, and amperage.

APPRENTICE TECHNICIAN EXAM

APPLICANTS MAY BE QUESTIONED ON THE FOLLOWING TOPICS

- California Code of Regulations Titles 22 & 24 regarding requirements at public pools.
- Local laws, ordinances, rules and regulations applicable to swimming pools.
- Cleaning, servicing, and maintaining swimming pools.
- Basic knowledge of the commonly used chemicals and their effects.
- Testing procedures for the determination of pH and chlorine residual.
- Cleaning methods.
- Pool operation.
- Basic knowledge of filters, pumps, motors, and chemical feeders.

USEFUL RESOURCES

LITERATURE:

1. "Basic Training Manual, Part 1, Chemicals"
Independent Pool and Spa Service Association, Inc. (ipssa)
10842 Noel Street #107
Los Alamitos, CA 90720
(888) 360-9505 | info@ipssa.com
www.ipssa.com
2. "Continuing Education Series, Pool Chlorination Facts"
Independent Pool and Spa Service Association, Inc. (ipssa)
10842 Noel Street #107
Los Alamitos, CA 90720
(888) 360-9505 | info@ipssa.com
www.ipssa.com
3. "Everything You Always Wanted to Know About Pool Care"
"Guide to Chlorine"
"Guide to pH, Alkalinity, Water Testing and Water Balance"
"Guide to Alternative Sanitizes"

Service Industry News
P.O. Box 5829
San Clemente, CA 92674-5829
(949) 366-9981
www.poolspa.com/punlications/sin/products.html
4. "Basic Pool and Spa Technology"
Association of Pool and Spa Professionals
2111 Eisenhower Ave.
Alexandria, VA 22314
(703) 838-0083
www.apsp.org
5. "Pool/Spa Operator's Handbook"
National Swimming Pool Foundation
4775 Grandby Circle
Colorado Springs, CO 80909
(719) 540-9119
www.nspf.com
6. National Environmental Health Association
720 S. Colorado Blvd.
Denver, CO 80246
(303) 756-9090

POOL CLASSES

NOTE: Pool classes are not required for the Los Angeles County examinations.
Los Angeles County does not endorse any of the providers listed pool classes

1. Blue Wave Certification Instruction
Instructor: Tom Clark
(661) 607-7690
2. National Pool Tech Training
222 E. Foothill Blvd.
Monrovia, CA 91016
(888) 609-0302
(626) 303-3758
www.nationalpooltechtraining.com
3. National Swimming Pool Foundation (CPO)
4775 Grandby Circle
Colorado Springs, CO 80909
(714) 540-9119
www.nspf.com
4. Steven Donohoe
(949) 235-5888
www.AnotherPerfectPool.com
5. Wet Feet Pools/CPO Instruction
Instructor: Jason Cothran
(805) 832-6000
www.WetFeetPools.com
6. The Pool Training Academy
Instructor: Alex Stewart/PHTA Certified Instructor
(970) 388-6046
Email: alex@pooltrainingacademy.com
www.pooltrainingacademy.com