



Aquatic Training & Consulting Services
448 W South Street
Frederick, MD 21701
301-760-7114
info@aquatictrainingservice.com

October 25, 2016

Jae Kim

Unit Manager
Environmental Health Specialist III
Environmental Health Field Office – New Castle
258 Chapman Road – Suite 105
Chopin Building
Newark, DE 19702

Dear Mr. Kim,

Thank you for your reply and your assistance resolving this matter. Aquatic Training & Consulting Service was approved as a provider of pool operator instruction in the state of Delaware twice previously. In 2010, Charles Chan reviewed my material and approved my course. In 2012, Lisa Flynn was unable to locate Mr. Chan's previous approval and she reviewed my course and approved it. I have included that most recent approval letter.

I have included my participant manual as one of the sections of my submission. The items covered in my course include the following:

- The Job Description of a Pool Operator
- Water Balance and the Saturation Index (includes discussion/explanation of pH, Total Alkalinity, Calcium Hardness, Temperature & Total Dissolved Solids)
- Prevention of Disease Transmission (includes how disease spread, fecal contaminations, bloodborne pathogens, & OSHA requirements for swimming pools)
- Pool and Spa Water Disinfection (includes discussion/explanation of chlorine, the different types of chlorine, stabilization of swimming pools with cyanuric acid, the use of Bromine as a disinfectant, & other types of disinfection methods)
- Common Water Problems and Troubleshooting
- Water Testing (includes explanation of bleaching out, how to use a Taylor Test Kit, & demonstrations on how to test pool water)
- Chemical Automation (include ORP, maintaining units, calibrating systems)
- Water Circulation (includes full description and diagrams of the complete circulation system)
- Filtration System (includes sand filters, DE filters, cartridge filter, calculation of flow rate)
- Spa Maintenance and Operation (includes description of operating a hot tub safely and correctly)
- Chemical Safety
- Maintenance and Daily Operating Procedures
- Legal and Liability
- Appendices include broader discussion of Bromine, Proper Use of Chemical, Sample Operating Record Sheet, Sample of MSDS, Review Exams, Glossary of Terms, Calculation of Chemical Dosages, and Copies of State and Local Health Codes

The Aquatic Training & Consulting Service's Pool Operator Certification course is scheduled for 12 hours of instruction and 2 hours of examination for a total of 14 hours. I have included a copy of the Delaware version of the pool operator examination which is proctor by the instructor as a closed book exam. We require a 75% or better result for a student to receive a certificate. Previously certified pool operators are expected to do a four-hour review course every three years to maintain their certification.

The business contact information for Aquatic Training & Consulting Service, LLC is as follows:

Rob Fox
Aquatic Training & Consulting Service, LLC
448 W South Street
Frederick, MD 21701
301-760-7114

As part of our submission, I have included our listing on the Center for Disease Control's website as pool operator training provider. I have also included Aquatic Training Services' previous letter of approval from the state as well as approvals from other various health departments that recognize our updated status and have reviewed our course.

We take pride in providing quality pool operation training to individuals throughout our area. We see you as our partner in ensuring the safe and enjoyable use of our public pools. If you need to reach me, please do not hesitate to call me at 240-529-5774.

Best regards,

A handwritten signature in blue ink that reads "Rob Fox". The signature is written in a cursive, slightly slanted style.

Rob Fox
President
Aquatic Training & Consulting Service

Included:

- Letters of Course Approval
- Participant manual
- Delaware Swimming Pool Health Codes (included as part of the class)
- Delaware Pool Operator Exam
- Copy of ATCS Pool Operate Certificate
- Current Instructor Certification