ST. LAWRENCE POOLS LIMITED
Commercial Division

Certified Pool Operators Course

Hosted by: ST. LAWRENCE POOLS LIMITED Commercial Division

A 2 day course to be held on March 27-28
8:00 a.m. to 5:30 p.m.

Location
Queen's University Athletics and Recreation Centre
Alumni Classroom
284 Earl Street
Kingston, ON K7L 3N6

Course will be taught by a Certified Pool Operator Instructor and is limited to 25 people.
Please RSVP to confirm seating availability.

Registration Form attached
****Registration deadline – March 20th**

Cost: $465.00/person plus tax
(Discount for additional attendees – see Registration Form)

The CPO® certification program will cover pool and spa chemistry, testing, treatment, filtration, maintenance, pool math, government requirements, automatic feeding, safety, and many other facets of safe pool/spa operation. Includes open book exam/certificate. This course is recognized by the **National Swimming Pool Foundation**.

Why your aquatic facility should include a Certified Pool Operator:

- Safety is paramount: ensure safe conditions for your guests
- Gain full knowledge of applicable regulations to enable compliance
- Protection against liability in the event of an accident – you must do everything possible to keep your clients from harm.

St. Lawrence Pools **(Commercial Division) – "focused on your commercial pool solutions"**

CPO Course Overview of Topics

- **Pool & Spa Management**
    - Types of Pools
    - Health Agencies
    - Risk Management
- **Regulations & Guidelines**
    - Environmental Agencies
    - Public Health
    - Disease Control & Prevention
    - Codes & Regulations
- **Essential Calculations**
- **Pool Water Contamination**
    - Recreational Water Illnesses
    - Fecal Incident Response Recommendations
    - Illness Prevention
- **Disinfection**
    - Chlorine Chemistry
    - Disinfectants
- **Water Balance**
    - Balancing Factors
        - pH, Total Alkalinity, Temperature, etc.
        - What do they mean?
    - Saturation Index
- **Pool & Spa Water Problems**
    - Chemical Dosing
    - Chemical Adjustments
    - Combined Chlorine Effects on Water & Air Quality
    - Oxidation
    - Coloured Water
    - Staining & Scaling
    - Cloudy Water & Algae
    - Plus many other topics
- **Chemical Testing**
    - Testing Methods
    - Testing Procedures
    - Testing Frequency
    - Disinfectant Testing
    - Water Balance Testing
    - Other Testing Issues
- **Chemical Feed & Control**

    - Proper Addition of Chemicals
    - Mechanical Chemical Feeders
    - Dry Chemical Feeders
    - Gas Chemical Feeders
    - Chlorine Generators
    - Automation
- **Water Circulation**
    - Circulation Systems
    - Turnover Rate & Flow Rates
    - Skimmers, Main Drains, & Entrapment
    - Pressure Side Elements
- **Pool & Spa Filtration**
    - Filter Media
    - Water Clarity
    - Filter Area
    - Types of Filter Systems
- **Heating & Air Circulation**
    - Energy Losses & Heat Gains
    - Heater Sizing & Installation
    - Air Circulation
- **Spa & Therapy Operations**
    - Health Benefits
    - Guidelines for Safe Usage
    - Hot Water Systems, Circulation & Chemistry
- **Facility Safety**
    - Entrapment, Hazards, Safety
- **Record Keeping**
    - Log Books, Daily Operations Reports, etc.
    - Emergency Response Plans
- **Maintenance Systems**
    - Maintenance Plans, Routine Maintenance
    - Preventative Maintenance
    - Seasonal Maintenance
- **Troubleshooting**
    - Pumps, Motors, Filters, Heaters, Water Loss, etc.
- **Facility Renovation & Design**

Registration - Certified Pool Operators Course

Two days (March 27-28)

Course Includes: - C.P.O. handbook and applicable hand-outs
- Registration fee with NSPF for exam/certification
- Lunch, morning/afternoon beverages

What to bring: - **calculator** and **notepad** (important)

Registration**:** **- Registration deadline is Thursday, March 20th**
- Payment must accompany registration

Course Fee: - $465.00 plus tax for the first participant from your company
- $400.00 plus tax for each additional participant from your company

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Registration Form

Participant # 1 Attach $ 465.00
Name: _____ Company:_____
Address:_____ Day Phone#:_____
_____ E-mail:_____

Participant # 2 Attach + $ 400.00
Name: _____ Company:_____
Address:_____ Day Phone#:_____
_____ E-mail:_____

** Attach separate sheet for additional participants.

Payment by Cheque ___ Credit Card: Type:_____Number:_____
Exp:_____

Send Registration Form and Payment to:

St. Lawrence Pools, Kingston location –
Att: Sharlene Anderson sanderson@stlawrencepools.ca Office 613-389-5510