Aquatic Facility Operator (AFO) Content Outline

1. Water Chemistry and Disinfection 35% (18 items)
   A. Testing Methods and Calculations
   B. Pool Water Treatment
   C. Pool Water Balance
   D. Acid/Base Water Chemistry
   E. Sanitation and Oxidation

2. Mechanical Systems & Operations 25% (12 items)
   A. Facility Environment (e.g., systems approach, automation vs. automatic)
   B. Water Collection and Circulation
   C. Mechanical Devices (e.g., pumps, flow meters, heaters, feeders)
   D. Filters & Filtration
   E. Maintenance (e.g., corrective, preventive, record-keeping)
   F. Measurement and Calculations

3. Health & Safety 25% (13 items)
   A. Risk Management
      1. Recreational Water Illness & Injury Prevention
      2. Accident/Injury Reporting
      3. Record Keeping
      4. Signage
      5. Hazard Identification
   B. National Standards and Organizations
      1. Accessibility & ADA
      2. CDC
      3. Model Aquatic Health Code
      4. OSHA / Personal Protection Equipment
      5. Virginia Graham Baker Act

4. Operations 15% (7 items)
   A. Daily/Routine Operations
   B. Air Quality & Air Circulation
   C. Weatherizing
   D. Facility Maintenance, Renovation & Design
   E. Aquatic Facility Types
   F. Spas & Therapy Pools

50 items. 3-hour time limit.
Candidates are permitted to use the AFO manual, a calculator, and Calcium Saturation Index slide-rule during the exam.