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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.