



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Drinking Water Continuing Education – Technical versus General Contact Hours

www.idem.IN.gov

Mitchell E. Daniels, Jr. Thomas W. Easterly
Governor **Commissioner**
 100 N. Ave., Indianapolis, IN 46204
 Phone: (317) 308-3308 Toll Free: (800) 451-6027

Definitions: 327 IAC 8-12-7.1 (a) (2) (A)

Technical: “(i) Technical matters related directly to water distribution or water treatment.”

These courses deal with water distribution operations or water treatment operations. The course descriptions clearly state the water works technical subject matter being taught. Examples include courses in pumps, water line installation, repairs, sampling, cross connection control.

General: “(ii) General matters related to the responsibilities of a certified operator.”

This category contains non-technical subjects that an operator needs to know, such as OSHA training, first aid/CPR, laboratory safety, supervision/communications, etc. The subject matter of these courses is relevant to the work done by water distribution or water treatment operators, but these courses *do not deal with specific technical matters* in water distribution or water treatment.

TECHNICAL

NONTECHNICAL

Sampling Methods/Techniques/Regulations
 Line Locations
 Tank Maintenance
 Leak Repairs/Detection
 Pumps, Installation, Repairs
 Meters
 SDWA Updates
 Monitoring Procedures/Schedules
 Forklift Training Certification (not safety)
 Pipe Installation
 Laboratory procedures
 Coagulation, Flocculation &
 Sedimentation Basics
 Filtration Basics
 Water Treatment Plant Operations
 Water Distribution System Operations
 Disinfection Basics
 Distribution System Materials & Equipment
 Hydraulics
 Coliform & Bacteriological Testing
 Mathematics and Computers
 Cross Connection Control
 System Design & Flow Configuration
 Hydrant & Valve Inspection, Operation
 and Maintenance
 Water Conservation
 Drinking Water Ion Exchange Softening
 Excavation Procedures and Safety

Management Training
 First Aid & CPR
 Lockout/Tagout
 Fire Prevention
 Defensive Driving
 Ladder Safety
 Power Tool Safety
 Leadership/Supervision
 Accident Investigation
 Effective Communication: Managing
 Conflicts in the Workplace
 Adapting to Change
 Back Safety
 Process Improvement Methodologies
 (not specific to water treatment or distribution)
 Ethics Training
 Financial Systems and Accounting

Reference: 327 IAC 8-12-7.5 (c)

(1) A minimum of seventy percent (70%) of the required continuing education contact hours shall be obtained **from the technical category** of approved continuing education courses.

(2) Not more than thirty percent (30%) of the required continuing education contact hours shall be obtained **from nontechnical subject matter** of approved continuing education courses.