

# CEUS - CONTINUING EDUCATION UNITS

## O&M of Filters

[ 1 DAY INSTRUCTION ]

### COURSE OVERVIEW

The operation and maintenance of filters will give the water plant operator on-the-job training to interpret water quality guidelines. The operator will also be introduced to the operation of pressure filters and underdrain systems. Different types, sizes and the specific gravity of filter media will be explored. The operator will check filtering rates and troubleshoot filter problems, air blowers, and compressors. Slow sand and membrane filtration will also be discussed.

### COURSE OUTLINE

- Interpret water quality guidelines.
- Describe operation of pressure filters.
- Describe underdrain systems.
- Filter media.
- Check filtering rates.
- Calculate backwash rates.
- Calculate detention times.
- Filter problems.
- Service air blowers and compressors.
- Slow sand filtration.
- Membrane filtration.

### PREREQUISITE

Open.

### TARGET AUDIENCE

Water utility field staff, water utility construction inspectors, and water system design personnel.

**DOWNLOAD THE KCE  
REGISTRATION FORM  
FROM OUR HOMEPAGE.**

### DATE

September 14, 2016

### TIME

8:30 am to 4:00 pm

### LOCATION

Pwi-Di-Goo-Zing

### COURSE DURATION

1 day

### DIRECTOR APPROVED CEUs

0.6

### COST

As per proposal

### TRAINER

James Haskell



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