



Memo

To: Steve Brockway
From: Gina Enriquez
CC: Ron Penrose
Date: September 29, 2008
Re: September Distribution Operator Certification Exam Analysis

The following results are from the June testing cycle which is divided into three regional areas: Northern, Central and Southern Nevada. The exam results were reviewed and an analysis was completed based on the September 17, 2008 exam scores. For each testing cycle, the intention of each analysis is to provide instructors with feedback on areas of deficiencies identified for the state.

Grade 1 – Distribution

Northern Nevada had the following topics as the most missed on the Grade I Water Distribution Operator Exam:

- ◆ Water Quality
- ◆ Disinfection
- ◆ Safety
- ◆ Pumps and Motors
- ◆ Piping
- ◆ Distribution System Operation
- ◆ Sources of Supply
- ◆ Water Distribution Mathematics

Central Nevada had the following topics as the most missed on the Grade I Water Distribution Operator Exam:

- ◆ Water Quality
- ◆ Disinfection
- ◆ Piping
- ◆ Pumps and Motors
- ◆ Safety
- ◆ Distribution System Operation
- ◆ Sources of Supply

Southern Nevada had the following topics as the most missed on the Grade I Water Distribution Operator Exam:

- ◆ Electricity
- ◆ Water Quality
- ◆ Pumps and Motors
- ◆ Safety
- ◆ Water Distribution Mathematics
- ◆ Disinfection
- ◆ Distribution System Operation
- ◆ Sources of Supply

Grade II – Distribution

Northern Nevada had the following topics as the most missed on the Grade II Water Distribution Operator Exam:

- ◆ Piping
- ◆ Sources of Supply
- ◆ Water Quality
- ◆ Disinfection
- ◆ Distribution System Operation
- ◆ Safety
- ◆ Electricity

Central Nevada had the following topics as the most missed on the Grade II Water Distribution Operator Exam:

- ◆ There were no examinees for this area for the September 17, 2008 testing

Southern Nevada had the following topics as the most missed on the Grade II Water Distribution Operator Exam:

- ◆ Pumps and Motors
- ◆ Distribution System Operation
- ◆ Sources of Supply
- ◆ Safety
- ◆ Electricity
- ◆ Disinfection
- ◆ Water Distribution Mathematics
- ◆ Water Quality

Grade III – Distribution

Northern Nevada had the following topics as the most missed on the Grade III Water Distribution Operator Exam:

- ◆ Electricity
- ◆ Water Quality
- ◆ Distribution System Operation
- ◆ Disinfection
- ◆ Piping
- ◆ Utility Management
- ◆ Sources of Supply
- ◆ Safety
- ◆ Pumps and Motors

Central Nevada had the following topics as the most missed on the Grade III Water Distribution Operator Exam:

- ◆ There were no examinees for this area for the September 17, 2008 testing

Southern Nevada had the following topics as the most missed on the Grade III Water Distribution Operator Exam:

- ◆ Water Distribution Mathematics
- ◆ Piping
- ◆ Distribution System Operation
- ◆ Safety
- ◆ Water Quality
- ◆ Utility Management
- ◆ Disinfection
- ◆ Sources of Supply
- ◆ Electricity

Grade IV – Distribution

Northern Nevada had the following topics as the most missed on the Grade IV Water Distribution Operator Exam:

- ◆ Electricity
- ◆ Utility Management
- ◆ Water Quality
- ◆ Safety
- ◆ Disinfection
- ◆ Distribution System Operation
- ◆ Pumps and Motors
- ◆ Sources of Supply
- ◆ Piping
- ◆ Water Distribution Mathematics

Central Nevada had the following topics as the most missed on the Grade IV Water Distribution Operator Exam:

- ◆ There were no examinees for this area for the September 17, 2008 testing

Southern Nevada had the following topics as the most missed on the Grade IV Water Distribution Operator Exam:

- ◆ Electricity
- ◆ Distribution System Operation
- ◆ Utility Management
- ◆ Safety
- ◆ Disinfection
- ◆ Water Quality
- ◆ Water Distribution Mathematics
- ◆ Sources of Supply
- ◆ Pumps and Motors
- ◆ Piping

We hope this will assist in providing the necessary information to educational providers.