The AWTO Certification Program

Launching May/June 2019
Agenda

1) What is it
2) Why a new certification
3) How to sign-up for the exam
What is Advanced Water Technology?
What is Advanced Water Technology?

- Adsorption/Exchange
- Advanced Oxidation
- Biological Filtration
- Disinfection (Advanced)
- Finished Water Chemical Stabilization
- Iron and Manganese Removal
- Membrane Bioreactors (MBR)
- Membrane Desalination
- Membrane Filtration
Reasons to Get Certified
Reasons to Get Certified

1) Advance your water career

2) Agencies may require certification to work at a AWTF

3) Corrects issue of fairness for operators

4) Increase AWT training and networking
Why a new certification?
Developing New Sources of Water
Increasing Number of AWTFs
Public Confidence
Meeting Regulatory Requirements

SWRCB Permits
Water Sector Voices

2015 meeting of the California DPR Feasibility Expert Panel
A Certification Program that Works

Potable Reuse Operator Training and Certification Framework

Revised February 2016

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5. Existing Operator Training Opportunities
6. Advanced Water Treatment Processes Used in Potable Reuse
7. Gaps in AWT System Operator Skill Needs
8. Exploring Possible Paths Forward
9. CUWA Potable Reuse Operator Certification Workshop Outcomes
10. Conclusions & Recommendations
11. References
12. Acronyms

CUWA Report 2016
AWTO™ - Supplement to Existing Operator Certification

Drinking Water Op Cert

- T1
- T2
- T3
- T4
- T5

AWT Op Cert

- AWT 3
- AWT 4
- AWT 5

Wastewater Op Cert

- Grade I
- Grade II
- Grade III
- Grade IV
- Grade V

AWTOOperator.org
## Signing up for the Exam

### 2) Remember the Minimum Qualifications

<table>
<thead>
<tr>
<th>Grade</th>
<th>Certification</th>
<th>Experience (can be obtained prior to exam)</th>
<th>Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWT3</td>
<td>State T3 or WW3 or higher</td>
<td>None</td>
<td>Pass AWT3 exam</td>
</tr>
<tr>
<td>AWT4</td>
<td>AWT3</td>
<td>2 years in one or more AWT processes</td>
<td>Pass AWT4 exam</td>
</tr>
<tr>
<td>AWT5</td>
<td>AWT4</td>
<td>3 years in one or more AWT processes, of which, 1 year must be in at least two AWT processes</td>
<td>Pass AWT5 exam</td>
</tr>
</tbody>
</table>
Signing up for the Exam

3) Download the exam application
COMING SOON

AWTOperator.org or CA-NV-AWWA.org
Signing up for the Exam

4) Volunteer Administrator Review
Signing up for the Exam

5) The computerized testing center will contact you
Potential Study Resources

Available soon on AWTOOperator.org

1. AWTO Candidate Handbook
2. Reference List of Exam Items
Practice Your Skills at an AWTF
Exam Study Suggestions

- Study groups
- Flash cards
- Ask for help from Senior Operators
- Study, study, study
Potential Study Resources

- CA-NV AWWA and CWEA workshops
- SWMOA workshops / membrane certificate
- WRF (WE&RF) AWT training modules
- AWWA Manuals of Practice
- WEF Manuals of Practice
- CSUS Office of Water Programs
- Community College AWTF classes
- Manufacturer operations & training sessions
- Regulations, reporting and safety directions from Federal, State and local jurisdictions
- Private trainers
CA-NV AWWA & CWEA AWT Workshops
Taking the Exam

The center will ask for ID and provide a list of center rules
Taking the Exam

Results are instant
Did Not Pass

Re-Apply
Next Step > Next Exam?

**AWT3**
AWT Operator
Grade 3

**AWT4**
AWT Operator
Grade 4

**AWT5**
AWT Operator
Grade 5

Wait 90 Days
Candidate Services by CA-NV AWWA
NOT OPEN YET. COMING SOON

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