



RWAAZ ADEQ Operator Certification Exam Prep

Join us:

Take advantage of the opportunity to get valuable insights into the ADEQ Test while getting **10.5 professional development hours.**

The Event Will Be Held On:

July 16-17, 2025

At: Yavapai Community College

Verde Valley Campus

601 Black Hills Drive Building I, Room 138

Clarkdale AZ 86324, US

Agenda: ALL THE MATH

Day 1 Thursday

8-8:30 am Registration & sign in sheet

- Name tags
- Phones to silent

8:30 – 9:30am Unit basics: Introduction dimensional analysis
L, C, V, Detention time, Velocity, & flowrates

Break

9:45 – 10:30 am Intro to conversions & formulas
Headloss, Pressure, Hp, & Energy

Break

10:45 -11:30 am Hydraulic overflow rates, weir overflow & solids
loading rates
Includes filter backwash calculations and slope

Break

11:30-12:00 pm Lunch is provided

12:00pm -12:45p Understanding chemistry
Moles, Molarity, Normality & equivalents

Break

1:00pm – 2pm Alkalinity & hardness titrations
Hands on activity and calculations to accompany

Break

2:15pm – 3pm Dilutions and blending equations activity in lab
Laboratory knowledge for operators: TS, TVS, TDS

Break

3:15pm – 4pm Q & A. Recap & review handouts

Day 2 (1/2 day) Friday

8:00 - 8:30 am Registration & sign in sheet

- Name tags
- Phones to silent

8:30 – 9:30am Disinfection processes
Includes disinfection math: lbs/day

Break

9:45 – 10:30 am Secondary processes: Activated sludge & fixed
film
MCRT, BOD, SVI, solids retention time, F/M ratio

Break

10:45 -11:30am Thickening, dewatering, and drying
calculations
Includes feed rates, volatile solids reductions, % capture rates

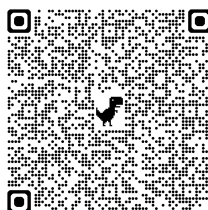
11:30pm – 12pm Evaluation

Register Today!

Copy link below or register on our website at

<https://www.rwaaz.org/events#!event/2025/7/24/adeq-operator-certification-exam-prep-for-wastewater-collections-and-treatment-grades-1-and-2-yavapai-community-college-verde-valley-campus-instructor-marti-blad-lunch-provided-on-1st-day-of-training>

Use QR Code to Register



Contact us

480-982-0301



c.garcia@rwaaz.org



PO Box 11633

Casa Grande, AZ 85130