Garnet
Garnet Global Training Center

GGT-WT-134

Water, Wastewater & Desalination **Rare specialisation**

Zero Liquid Discharge

التصريف الصفري للسوائل

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Zero Liquid Discharge turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Treatment, networks and desalination programs for water utilities and industry. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Zero Liquid Discharge to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

Who should attend

Water utility engineers, plant operators, network and environmental specialists. Practitioners with one to five years of experience benefit most.

Key topics

- Water quality and standards
- Treatment processes
- Networks, pumping and losses
- Plant operation and chemicals
- Energy use in water systems
- Regulation and reporting

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Zero Liquid Discharge: principles and standards
- Networks, pumping and losses
- Group discussion and peer review

Day 2 Methods and tools in practice
- Plant operation and chemicals
- Energy use in water systems

Day 3 Diagnosis and problem solving
- Regulation and reporting
- Measurement and reporting

Day 4 Quality, safety and documentation
- Water quality and standards
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Treatment processes
- Common mistakes and how to avoid them

10-day outline

Day 1 Zero Liquid Discharge: principles and standards
- Networks, pumping and losses
- Group discussion and peer review

Day 2 Methods and tools in practice
- Plant operation and chemicals
- Energy use in water systems

Day 3 Diagnosis and problem solving
- Regulation and reporting
- Measurement and reporting

Day 4 Quality, safety and documentation
- Water quality and standards
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Treatment processes
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Regional and international case studies

Day 7 Digital tools, data and automation
- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice
- Global performance benchmarks
- Checklists and templates to take away

Day 9 Capstone project
- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates
- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
8–12 Feb 2027	5-day classroom	Paris	English	4,750
7–11 Jun 2027	5-day online	Live online	Arabic	2,950
10–14 Oct 2027	5-day classroom	Riyadh	Arabic	4,750
13–24 Dec 2027	10-day classroom	Istanbul	English	8,950
13–17 Feb 2028	5-day classroom	Manama	Arabic	4,750
1–5 May 2028	5-day classroom	Abu Dhabi	Arabic	4,750
16–27 Oct 2028	10-day classroom	London	English	8,950
20 Nov – 1 Dec 2028	10-day online	Live online	English	5,450
21–25 Jan 2029	5-day classroom	Kuwait City	English	4,750
20–31 May 2029	10-day classroom	Cairo	English	8,950

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day online	Live online	Arabic	2,950
12–16 Nov 2029	5-day classroom	Vienna	English	4,750
12–16 May 2030	5-day classroom	Doha	English	4,750
21 Jul – 1 Aug 2030	10-day classroom	Riyadh	English	8,950
9–20 Sep 2030	10-day online	Live online	Arabic	5,450
21–25 Oct 2030	5-day classroom	Dubai	English	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/