Garnet
Garnet Global Training Center

GGT-WT-131

Water, Wastewater & Desalination

Treated Effluent Reuse & Irrigation

إعادة استخدام المياه المعالجة في الري

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

Overview

Participants in Treated Effluent Reuse & Irrigation practise the methods, tools and standards they need to perform reliably and solve problems on the job. 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 Treated Effluent Reuse & Irrigation 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 Treated Effluent Reuse & Irrigation: principles and standards

- Energy use in water systems
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Regulation and reporting
- Water quality and standards

Day 3 Diagnosis and problem solving

- Treatment processes
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Networks, pumping and losses
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Plant operation and chemicals
- Checklists and templates to take away

10-day outline

Day 1 Treated Effluent Reuse & Irrigation: principles and standards

- Energy use in water systems
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Regulation and reporting
- Water quality and standards

Day 3 Diagnosis and problem solving

- Treatment processes
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Networks, pumping and losses
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Plant operation and chemicals
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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 online	Live online	English	2,950
21 Mar – 1 Apr 2027	10-day classroom	Jeddah	Arabic	8,950
2–6 Aug 2027	5-day classroom	Casablanca	Arabic	4,750
17–21 Oct 2027	5-day classroom	Kuwait City	English	4,750
2–13 Jan 2028	10-day classroom	Amman	English	8,950
8–12 May 2028	5-day classroom	Istanbul	English	4,750
14–25 Aug 2028	10-day online	Live online	Arabic	5,450
8–12 Oct 2028	5-day classroom	Cairo	English	4,750
1–5 Jan 2029	5-day classroom	Casablanca	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
21–25 May 2029	5-day online	Live online	Arabic	2,950
11–22 Jun 2029	10-day classroom	Abu Dhabi	Arabic	8,950
13–17 Aug 2029	5-day classroom	Paris	English	4,750
4–8 Aug 2030	5-day classroom	Riyadh	English	4,750
1–12 Sep 2030	10-day classroom	Cairo	Arabic	8,950
21 Oct – 1 Nov 2030	10-day online	Live online	English	5,450
8–12 Dec 2030	5-day classroom	Kuwait City	English	4,750

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