Garnet
Garnet Global Training Center

GGT-WT-103

Water, Wastewater & Desalination

Reverse Osmosis Desalination

تحلية المياه بالتناضح العكسي

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

Overview

Reverse Osmosis Desalination 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. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Reverse Osmosis Desalination to real tasks.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.

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

WhatsApp: +971 56 674 7382

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 Reverse Osmosis Desalination: principles and standards

- Regulation and reporting
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Water quality and standards
- Treatment processes

Day 3 Diagnosis and problem solving

- Networks, pumping and losses
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Plant operation and chemicals
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Energy use in water systems
- Checklists and templates to take away

10-day outline

Day 1 Reverse Osmosis Desalination: principles and standards

- Regulation and reporting
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Water quality and standards
- Treatment processes

Day 3 Diagnosis and problem solving

- Networks, pumping and losses
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Plant operation and chemicals
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Energy use in water systems
- 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)
1–12 Mar 2027	10-day classroom	Vienna	English	8,950
19–23 Apr 2027	5-day classroom	Geneva	English	4,750
12–16 Sep 2027	5-day classroom	Jeddah	English	4,750
1–5 Nov 2027	5-day online	Live online	English	2,950
3–7 Jan 2028	5-day classroom	Paris	English	4,750
7–11 Feb 2028	5-day classroom	Istanbul	English	4,750
4–15 Sep 2028	10-day classroom	Dubai	English	8,950
18–29 Dec 2028	10-day online	Live online	Arabic	5,450
4–15 Jun 2029	10-day classroom	Dubai	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
1–5 Oct 2029	5-day classroom	Vienna	English	4,750
4–8 Nov 2029	5-day classroom	Riyadh	Arabic	4,750
3–7 Dec 2029	5-day online	Live online	English	2,950
11–15 Mar 2030	5-day classroom	Dubai	English	4,750
15–26 Jul 2030	10-day classroom	London	English	8,950
7–11 Oct 2030	5-day classroom	Amsterdam	English	4,750
11–22 Nov 2030	10-day online	Live online	English	5,450

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