Garnet
Garnet Global Training Center

GGT-WT-118

Water, Wastewater & Desalination

Chlorination & Disinfection

الكلورة والتعقيم

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

Overview

Chlorination & Disinfection focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. 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 Chlorination & Disinfection to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

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 Chlorination & Disinfection: principles and standards
- Networks, pumping and losses
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation
- Water quality and standards
- Regional and international case studies

Day 5 Workshop, assessment and action plan
- Treatment processes
- Checklists and templates to take away

10-day outline

Day 1 Chlorination & Disinfection: principles and standards
- Networks, pumping and losses
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation
- Water quality and standards
- Regional and international case studies

Day 5 Workshop, assessment and action plan
- Treatment processes
- 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)
7–18 Feb 2027	10-day classroom	Kuwait City	English	8,950
19–23 Jul 2027	5-day classroom	London	English	4,750
8–12 Nov 2027	5-day classroom	Geneva	English	4,750
20–24 Dec 2027	5-day online	Live online	Arabic	2,950
20–24 Feb 2028	5-day classroom	Doha	Arabic	4,750
5–9 Mar 2028	5-day classroom	Riyadh	English	4,750
7–18 Aug 2028	10-day online	Live online	Arabic	5,450
5–16 Nov 2028	10-day classroom	Amman	English	8,950
7–11 May 2029	5-day classroom	Dubai	English	4,750

Dates	Format	City	Language	Fee (USD)
20–24 Aug 2029	5-day classroom	London	English	4,750
8–12 Oct 2029	5-day online	Live online	Arabic	2,950
3–14 Dec 2029	10-day classroom	Abu Dhabi	Arabic	8,950
6–10 Jan 2030	5-day classroom	Riyadh	English	4,750
8–19 Jul 2030	10-day classroom	Paris	English	8,950
9–13 Sep 2030	5-day classroom	Casablanca	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/