Garnet
Garnet Global Training Center

GGT-WT-111

Water, Wastewater & Desalination

Sludge Treatment & Disposal

معالجة الحمأة والتخلص منها

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

Overview

Sludge Treatment & Disposal 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. 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 Sludge Treatment & Disposal to real tasks.
- Share good practice with your team.
- 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.

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 Sludge Treatment & Disposal: principles and standards

- Energy use in water systems
- Group discussion and peer review

Day 2 Methods and tools in practice

- Regulation and reporting
- Water quality and standards

Day 3 Diagnosis and problem solving

- Treatment processes
- Measurement and reporting

Day 4 Quality, safety and documentation

- Networks, pumping and losses
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Plant operation and chemicals
- Common mistakes and how to avoid them

10-day outline

Day 1 Sludge Treatment & Disposal: principles and standards

- Energy use in water systems
- Group discussion and peer review

Day 2 Methods and tools in practice

- Regulation and reporting
- Water quality and standards

Day 3 Diagnosis and problem solving

- Treatment processes
- Measurement and reporting

Day 4 Quality, safety and documentation

- Networks, pumping and losses
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Plant operation and chemicals
- 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)
14–18 Feb 2027	5-day classroom	Riyadh	Arabic	4,750
21–25 Mar 2027	5-day classroom	Cairo	English	4,750
14–18 Jun 2027	5-day online	Live online	Arabic	2,950
21 Nov – 2 Dec 2027	10-day classroom	Doha	English	8,950
14–25 Feb 2028	10-day online	Live online	Arabic	5,450
16–20 Apr 2028	5-day classroom	Riyadh	English	4,750
3–7 Jul 2028	5-day classroom	Dubai	English	4,750
1–12 Oct 2028	10-day classroom	Kuwait City	English	8,950
9–13 Apr 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day classroom	Paris	English	4,750
16–20 Jul 2029	5-day classroom	Singapore	English	4,750
14–25 Oct 2029	10-day classroom	Amman	English	8,950
3–7 Mar 2030	5-day classroom	Jeddah	Arabic	4,750
6–10 May 2030	5-day classroom	Amsterdam	English	4,750
1–12 Jul 2030	10-day online	Live online	English	5,450
6–17 Oct 2030	10-day classroom	Riyadh	English	8,950

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