Garnet
Garnet Global Training Center

GGT-WT-122

Water, Wastewater & Desalination

Wastewater Plant Troubleshooting

تشخيص أعطال محطات معالجة الصرف

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

Overview

Wastewater Plant Troubleshooting 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 Wastewater Plant Troubleshooting 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

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 Wastewater Plant Troubleshooting: principles and standards

- Treatment processes
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Networks, pumping and losses
- Plant operation and chemicals

Day 3 Diagnosis and problem solving

- Energy use in water systems
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Regulation and reporting
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Water quality and standards
- Checklists and templates to take away

10-day outline

Day 1 Wastewater Plant Troubleshooting: principles and standards

- Treatment processes
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Networks, pumping and losses
- Plant operation and chemicals

Day 3 Diagnosis and problem solving

- Energy use in water systems
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Regulation and reporting
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Water quality and standards
- 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 Mar 2027	5-day online	Live online	Arabic	2,950
21–25 Jun 2027	5-day classroom	London	English	4,750
21 Nov – 2 Dec 2027	10-day classroom	Riyadh	English	8,950
5–9 Dec 2027	5-day classroom	Muscat	Arabic	4,750
9–13 Jan 2028	5-day classroom	Riyadh	English	4,750
16–27 Apr 2028	10-day classroom	Cairo	Arabic	8,950
8–19 May 2028	10-day online	Live online	English	5,450
16–20 Jul 2028	5-day classroom	Amman	English	4,750
8–19 Jan 2029	10-day classroom	Barcelona	English	8,950

Dates	Format	City	Language	Fee (USD)
7–11 May 2029	5-day classroom	Abu Dhabi	English	4,750
18–22 Jun 2029	5-day online	Live online	Arabic	2,950
2–6 Sep 2029	5-day classroom	Riyadh	English	4,750
18 Feb – 1 Mar 2030	10-day online	Live online	Arabic	5,450
11–22 Mar 2030	10-day classroom	Abu Dhabi	Arabic	8,950
20–24 May 2030	5-day classroom	London	English	4,750
15–19 Sep 2030	5-day classroom	Manama	English	4,750

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