Garnet
Garnet Global Training Center

GGT-EV-102

Environmental Engineering & Waste Management

# Air Quality Monitoring & Management

رصد وإدارة جودة الهواء

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

## Overview

This program treats Air Quality Monitoring & Management as a managed system: policies, roles, resources, performance indicators and continual improvement. Control air, water and soil impacts and manage waste from generation to disposal. 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

- Set up and run Air Quality Monitoring & Management as a managed process with clear roles.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.

## Who should attend

Environmental engineers and officers, waste managers, regulators and consultants. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

## Key topics

- Environmental regulation
- Monitoring and sampling
- Treatment technologies
- Waste hierarchy
- Impact assessment
- Reporting and compliance

## 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 Air Quality Monitoring & Management: the management framework

- Monitoring and sampling
- Regional and international case studies

### Day 2 Planning, resources and budgets

- Treatment technologies
- Waste hierarchy

### Day 3 Performance measurement and control

- Impact assessment
- Checklists and templates to take away

### Day 4 Risk, compliance and improvement

- Reporting and compliance
- Group discussion and peer review

### Day 5 Management case study and action plan

- Environmental regulation
- Measurement and reporting

## 10-day outline

### Day 1 Air Quality Monitoring & Management: the management framework

- Monitoring and sampling
- Regional and international case studies

### Day 2 Planning, resources and budgets

- Treatment technologies
- Waste hierarchy

### Day 3 Performance measurement and control

- Impact assessment
- Checklists and templates to take away

### Day 4 Risk, compliance and improvement

- Reporting and compliance
- Group discussion and peer review

### Day 5 Management case study and action plan

- Environmental regulation
- Measurement and reporting

### Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

### 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
- Common mistakes and how to avoid them

### 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) |
|---|---|---|---|---|
| 10–21 Jan 2027 | 10-day classroom | Cairo | Arabic | 8,950 |
| 21–25 Jun 2027 | 5-day classroom | Vienna | English | 4,750 |
| 4–8 Oct 2027 | 5-day online | Live online | English | 2,950 |
| 20–24 Dec 2027 | 5-day classroom | Dubai | English | 4,750 |
| 13–24 Mar 2028 | 10-day classroom | Paris | English | 8,950 |
| 12–23 Jun 2028 | 10-day online | Live online | Arabic | 5,450 |
| 10–14 Jul 2028 | 5-day classroom | Casablanca | English | 4,750 |
| 19–23 Nov 2028 | 5-day classroom | Doha | English | 4,750 |
| 21–25 Jan 2029 | 5-day classroom | Cairo | English | 4,750 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 1–12 Apr 2029 | 10-day classroom | Amman | English | 8,950 |
| 18–22 Jun 2029 | 5-day online | Live online | English | 2,950 |
| 1–5 Oct 2029 | 5-day classroom | Singapore | English | 4,750 |
| 11–22 Feb 2030 | 10-day online | Live online | English | 5,450 |
| 17–21 Mar 2030 | 5-day classroom | Kuwait City | Arabic | 4,750 |
| 15–26 Sep 2030 | 10-day classroom | Manama | Arabic | 8,950 |
| 1–5 Dec 2030 | 5-day classroom | Jeddah | Arabic | 4,750 |

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