Garnet
Garnet Global Training Center

GGT-RL-125

Railways & Metro Systems **Rare specialisation**

Railway Noise & Vibration Control

التحكم في ضوضاء واهتزازات السكك

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

Overview

Railway Noise & Vibration Control helps participants move from doing the work to managing it, with planning tools, control methods and reporting that management trusts. Operation, maintenance and safety of rail, metro and tram systems. 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 Railway Noise & Vibration Control 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

Rail operators, rolling stock and infrastructure engineers, signalling and safety staff. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

Key topics

- Railway systems overview
- Rolling stock
- Track and infrastructure
- Signalling and control
- Operations and timetabling
- Safety and assurance

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 Railway Noise & Vibration Control: the management framework

- Rolling stock
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Track and infrastructure
- Signalling and control

Day 3 Performance measurement and control

- Operations and timetabling
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Safety and assurance
- Regional and international case studies

Day 5 Management case study and action plan

- Railway systems overview
- Checklists and templates to take away

10-day outline

Day 1 Railway Noise & Vibration Control: the management framework

- Rolling stock
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Track and infrastructure
- Signalling and control

Day 3 Performance measurement and control

- Operations and timetabling
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Safety and assurance
- Regional and international case studies

Day 5 Management case study and action plan

- Railway systems overview
- 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)
1–5 Feb 2027	5-day classroom	Amsterdam	English	4,750
8–12 Mar 2027	5-day classroom	Paris	English	4,750
14–18 Jun 2027	5-day online	Live online	English	2,950
13–24 Sep 2027	10-day classroom	Dubai	Arabic	8,950
3–14 Jan 2028	10-day online	Live online	Arabic	5,450
14–25 May 2028	10-day classroom	Cairo	Arabic	8,950
18–22 Sep 2028	5-day classroom	Paris	English	4,750
13–17 Nov 2028	5-day classroom	Dubai	Arabic	4,750
6–10 Aug 2029	5-day classroom	Dubai	English	4,750

Dates	Format	City	Language	Fee (USD)
1–12 Oct 2029	10-day classroom	Casablanca	Arabic	8,950
12–16 Nov 2029	5-day classroom	Abu Dhabi	English	4,750
17–21 Dec 2029	5-day online	Live online	English	2,950
8–12 Jul 2030	5-day classroom	Dubai	Arabic	4,750
12–23 Aug 2030	10-day online	Live online	English	5,450
2–13 Sep 2030	10-day classroom	Barcelona	English	8,950
16–20 Dec 2030	5-day classroom	Paris	English	4,750

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