Garnet
Garnet Global Training Center

GGT-OG-116

Oil, Gas & Petrochemicals

Electrical Submersible Pumps (ESP)

المضخات الغاطسة الكهربائية (ESP)

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

Overview

Electrical Submersible Pumps (ESP) focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Upstream, midstream and downstream programs built around how plants and fields are actually run. 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 Electrical Submersible Pumps (ESP) to real tasks.
- Follow safe, compliant and documented work practices.
- 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.

Who should attend

Operations, process, production and integrity engineers, supervisors and technical managers. Practitioners with one to five years of experience benefit most.

Key topics

- Process fundamentals and unit operations
- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection
- Production optimisation and losses
- Field case studies from the region

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 Electrical Submersible Pumps (ESP): principles and standards

- Production optimisation and losses
- Measurement and reporting

Day 2 Methods and tools in practice

- Field case studies from the region
- Process fundamentals and unit operations

Day 3 Diagnosis and problem solving

- API, ASME and ISO standards in practice
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Operating envelopes and troubleshooting
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Integrity, corrosion and inspection
- Regional and international case studies

10-day outline

Day 1 Electrical Submersible Pumps (ESP): principles and standards

- Production optimisation and losses
- Measurement and reporting

Day 2 Methods and tools in practice

- Field case studies from the region
- Process fundamentals and unit operations

Day 3 Diagnosis and problem solving

- API, ASME and ISO standards in practice
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Operating envelopes and troubleshooting
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Integrity, corrosion and inspection
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
15–19 Feb 2027	5-day online	Live online	Arabic	2,950
5–9 Apr 2027	5-day classroom	Abu Dhabi	English	4,750
18–22 Jul 2027	5-day classroom	Cairo	Arabic	4,750
6–17 Sep 2027	10-day classroom	Casablanca	English	8,950
9–13 Jan 2028	5-day classroom	Cairo	Arabic	4,750
6–17 Mar 2028	10-day classroom	Amsterdam	English	8,950
4–8 Sep 2028	5-day classroom	Dubai	English	4,750
2–13 Oct 2028	10-day online	Live online	English	5,450
18–22 Feb 2029	5-day classroom	Riyadh	English	4,750

Dates	Format	City	Language	Fee (USD)
15–19 Apr 2029	5-day classroom	Kuwait City	English	4,750
2–13 Jul 2029	10-day classroom	London	English	8,950
17–21 Dec 2029	5-day online	Live online	Arabic	2,950
4–15 Mar 2030	10-day online	Live online	English	5,450
19–23 May 2030	5-day classroom	Riyadh	Arabic	4,750
15–19 Jul 2030	5-day classroom	Dubai	Arabic	4,750
9–20 Dec 2030	10-day classroom	London	English	8,950

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