FSRU TECHNICAL & LEGAL COMPLIANCE TRAINING



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Introduction

FSRU Technical & Legal Compliance examines how floating storage and regasification units are operated, chartered, and regulated across the full project lifecycle. This Training Course covers FSRU design, mooring, regasification systems, and LNG custody transfer alongside the legal framework behind them. Participants study time charter parties, terminal use agreements, class and flag requirements, and port state control. Furthermore, the programme connects engineering practice to compliance duties through technical briefings and contract reviews. As a result, delegates leave able to support FSRU projects with both technical and legal confidence.

FSRU Technical & Legal Compliance Course Objectives

- Define FSRU technology and distinguish it from onshore LNG terminals.
- Explain regasification, storage, and send-out system fundamentals.
- Apply IGC Code, IGF Code, and classification society requirements.
- Interpret FSRU time charter parties and terminal use agreements.
- Manage LNG custody transfer, boil-off gas, and measurement disputes.
- Apply mooring, hose, and offshore transfer safety standards.
- Comply with port state control, flag state, and coastal regulations.
- Navigate environmental permitting, emissions, and discharge rules.
- Apply ISPS, cybersecurity, and security of supply obligations.
- Manage charterparty performance, off-hire, and compliance reporting.

Course Methodology

- Interactive workshops using real FSRU project and charter cases.
- Technical briefings on regasification, storage, and transfer systems.
- Structured contract clause analysis of charter parties and terminal agreements.

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- Guided scenario review of mooring, transfer, and emergency response.
- Facilitated discussion of regulatory and port state compliance issues.
- Action planning that converts each session into a workplace commitment.

Who Should Take This Course

- FSRU and LNG terminal operations staff.
- Marine and technical superintendents.
- Shipping, chartering, and commercial managers.
- Legal counsel and contracts advisors in LNG.
- HSE, compliance, and assurance professionals.
- Project engineers and commissioning teams.
- Port, class, and flag state liaison officers.

FSRU Technical & Legal Compliance Course Outlines

Day 1: FSRU Technology and Project Structures

- Defining FSRUs, FRUs, and onshore terminals.
- FSRU design: membrane and Moss containment systems.
- Regasification units, vaporisers, and send-out capacity.
- Mooring systems, turret configurations, and jetty arrangements.
- Project structures: charter, tolling, and terminal use models.
- Conversion projects and newbuild FSRU considerations.
- Site selection, metocean studies, and feasibility assessment.

Day 2: Regulatory Frameworks, Class, and Flag

- IGC Code and IGF Code application to FSRUs.
- Classification society rules and survey regimes.
- Flag state registration, manning, and certification.
- Port state control inspections and deficiency handling.
- Coastal state, port authority, and operating licence requirements.
- ISM Code, ISPS Code, and safety management systems.
- MARPOL, emissions regulation, and discharge compliance.

Day 3: Commercial Contracts and Charterparties

- FSRU time charter party structure and key clauses.
- Off-hire, performance warranties, and capacity guarantees.
- Terminal use agreements and capacity reservation.
- LNG sale and purchase agreements and delivery terms.
- Port services, tug, pilotage, and berthing contracts.
- Insurance, liability, and knock-for-knock allocation.
- Force majeure, termination, and extension provisions.

Day 4: Operations, Transfer, and Measurement

- LNG custody transfer and cargo documentation.
- Boil-off gas management and reliquefaction.
- Measurement, calibration, and energy calculation rules.
- Mooring integrity, hose inspection, and emergency release.
- Emergency shutdown and marine emergency response.
- Weather downtime, waiting time, and laytime.
- Operational reporting, log keeping, and record retention.

Day 5: Compliance Assurance, Audits, and Risk

- Building the compliance register and obligations tracker.
- Internal audits, assurance reviews, and management of change.
- Cybersecurity and digital system protection for FSRUs.
- Security of supply and contingency planning.
- Incident investigation and root cause analysis.
- Regulator, class, and customer reporting duties.
- Personal action plan and continuous improvement.

Conclusion

By successfully completing FSRU Technical & Legal Compliance, participants will have acquired a practical command of FSRU systems, regulatory duties, charterparty management, and operational compliance. They will know how to apply IGC and IGF Code requirements, interpret charter and terminal agreements, and manage custody transfer measurement with confidence. In addition, the course prepares delegates to run audits and respond to regulator and port state scrutiny. As a result, they return to work ready to support FSRU operations with technical and legal rigour. Gentex Training Center delivers this Training Course with a practical, standards-based approach.

FAQs for the FSRU Technical & Legal Compliance course

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Q1 What is the "FSRU Technical & Legal Compliance" course about?

It is a five-day programme that explains how floating storage and regasification units operate and how they are governed. It covers FSRU design, mooring and transfer systems, regasification, regulatory codes, charterparties, terminal use agreements, custody transfer, and compliance assurance.

Q2 What are the key benefits of the "FSRU Technical & Legal Compliance" course?

Participants gain the ability to connect technical operations with contractual and regulatory duties, reducing both operational risk and legal exposure. They also learn to manage charterparty performance, handle port state inspections properly, and keep compliance records that withstand audit.

Q3 What skills will I gain from the "FSRU Technical & Legal Compliance" course?

FSRU technical systems understanding with regasification and transfer operations, regulatory compliance with IGC, IGF, and class requirements, charterparty and terminal agreement interpretation, and operational compliance assurance with audit and reporting management.

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Q4 What tools, methods, or standards are covered in the "FSRU Technical & Legal Compliance" course?

The course covers the IGC Code and IGF Code, classification society rules and survey regimes, ISM Code and ISPS Code requirements, MARPOL emissions and discharge rules, port state control inspection frameworks, FSRU time charter parties, terminal use agreements, LNG sale and purchase agreements, custody transfer measurement and energy calculation rules, safety management systems, and management of change procedures.

Q5 How is the "FSRU Technical & Legal Compliance" course applied in real-world practice?

Delegates apply it through charterparty reviews, off-hire claims, terminal use negotiations, mooring and transfer risk assessments, custody transfer documentation, port state inspection preparation, emissions reporting, HSE audits, and incident investigations. They also use it to build obligation registers and contingency plans for supply disruptions.