

# Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course

23 – 27 August 2027
Cairo

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## Overview

The Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course is a one-week course for defense program managers, acquisition directors, and compliance officers who leave with an armaments lifecycle governance blueprint to direct complex system acquisitions and industrial offset commitments. Disjointed lifecycle baselines, complex technology transfer mandates, and non-compliance with systems engineering standards create severe schedule slips and commercial penalties. This course resolves procurement vulnerabilities through structured integration of ISO/IEC/IEEE 15288:2023, ISO/IEC/IEEE 24748-7:2026, and MIL-STD-882E system safety frameworks. Agile Leaders Training Center delivers the Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course.

## Who Should Attend

- Acquisition directors responsible for multi-tier defense procurement, industrial participation, and offset delivery.
- Systems engineering leads managing technical baseline reviews, requirements traceability, and system verification.
- Defense compliance managers enforcing export controls, security policies, and intellectual property governance.
- Integrated logistics support managers coordinating through-life capability management and maintenance depot activation.
- Commercial program directors negotiating joint venture defense contracts, supplier workshares, and pricing structures.

The course assumes participants actively manage industrial capability portfolios or defense procurement agreements, and it leaves out entry-level supply chain drills and basic contract administration.

## Departments and Industries

The course draws operational cases from advanced manufacturing and mission-critical engineering sectors.

- Aerospace manufacturing and defense electronics enterprises
- Naval shipbuilding, marine systems, and armament integration divisions
- Land systems manufacturing and heavy tactical vehicle operations
- Government military procurement and state defense logistics authorities
- Autonomous defense systems and secure communications engineering

## Learning Objectives

By the end of this course, participants will be able to:

- Apply ISO/IEC/IEEE 24748-7:2026 systems engineering processes across defence acquisition lifecycles.
- Analyze industrial participation obligations and local content evaluation formulas to satisfy offset mandates.
- Evaluate system safety hazards and mitigation strategies utilizing MIL-STD-882E standard practices.
- Build integrated master schedules and earned value baselines for complex weapon system developments.
- Prioritize dual-compliance requirements across international export controls and domestic security frameworks.
- Formulate an armaments lifecycle governance blueprint to control multi-tier procurement and technical milestones.

## Course Agenda

### Day 1: Defence Acquisition Governance and Regulatory Baselines

- ISO/IEC/IEEE 15288:2023 lifecycle process models applied to complex capability acquisitions
- Statutory industrial participation mandates, mandatory offset thresholds, and local content scoring
- Defense manufacturing licensing tiers, establishment permits, and military service authorizations
- Intellectual property protection frameworks and defense data security protocols
- Priority evaluation mechanisms and domestic supplier price preferences in defense tenders

### Day 2: Systems Engineering Management and Armaments Lifecycles

- ISO/IEC/IEEE 24748-7:2026 systems engineering management planning for defense programs
- Adaptive acquisition pathways and Major Capability Acquisition decision milestone gates
- Requirements traceability matrices and architecture models using Cameo Systems Modeler
- MIL-STD-882E standard practice for system safety hazard tracking and risk matrices
- Technical baseline reviews: System Requirements Review and Critical Design Review controls

### Day 3: Program Controls, Cost Modeling, and EVMS Execution

- Earned Value Management Systems EVMS implementation aligned with defense contract criteria
- Integrated Master Schedule IMS critical path management and technical risk registers
- Through-life capability management and life cycle costing LCC models for defense assets
- Audited local content baseline submissions and industrial participation penalty models
- Integrated Logistics Support ILS packaging and domestic maintenance, repair, and overhaul setups

## Day 4: Export Compliance, Technology Transfer, and Supply Chains

- Cross-compliance between international export controls and domestic export control lists
- Technology transfer agreements, technical data package licensing, and co-production frameworks
- Defense industrial base supply chain mapping and critical component qualification audits
- Industrial participation dispute mitigation procedures and formal offset claim documentation
- Quality management oversight using AS9100D and defense-sector testing standards

## Day 5: Armaments Program Governance and Compliance Practice

- Suggested activity: Evaluate technical risk assessments against ISO/IEC/IEEE 24748-7:2026 criteria
- Suggested activity: Diagnose export control discrepancies across international transfer licenses
- Suggested activity: Audit local content ratios and penalty exposure on simulated procurement bids
- Suggested activity: Formulate an EVMS corrective action plan for an armaments integration schedule
- Capstone exercise: Assemble an armaments lifecycle governance blueprint governing contract execution

## Practical Exercises

The course uses defense contract portfolios, technical baseline records, and offset compliance models.

- Suggested activity: Analyze technical baseline deliverables using ISO/IEC/IEEE 24748-7:2026 systems engineering review standards.
- Suggested activity: Evaluate industrial participation proposals using statutory local content weighting equations.
- Suggested activity: Formulate an armaments lifecycle governance blueprint to manage program milestones, safety baselines, and offset targets.

## FAQs

### Who suits the Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course?

The Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course suits procurement directors, systems engineers, and compliance leaders. The course assumes participants manage defense supply chains or capital acquisitions, leaving out introductory contract management.

### How does this course differ from generic project management courses?

Generic project management courses focus on standard scheduling and generic team leadership. The Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course addresses defense-specific regulations, military systems engineering, statutory offset thresholds, and export compliance.

## Which standards structure this defense industry management course?

The Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course integrates ISO/IEC/IEEE 15288:2023, ISO/IEC/IEEE 24748-7:2026, and MIL-STD-882E system safety practices.

## How does the course cover defense offset and industrial participation mandates?

The Defence Industry Management: Governance, Compliance, and Armaments Programmes Training Course evaluates statutory offset thresholds, technology transfer scoring, and domestic content calculation models to resolve compliance liabilities.

## Conclusion

Participants return to their organizations equipped with an armaments lifecycle governance blueprint to direct multi-tier defense procurements and systems engineering milestones. This operational work product establishes rigorous technical compliance, aligns industrial participation commitments, and protects against procurement schedule slippage. Acquisition teams immediately enhance contractual execution while maintaining alignment with mandatory defense governance standards.