SUPPLY CHAIN RISK MANAGEMENT



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GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Introduction

Supply chain risk rarely arrives as a single event. A supplier misses a delivery, a port closes, a currency moves, and the three combine into a shortage that stops production. Managing that exposure takes a method: identify the risks that matter, assess them with evidence, and prepare responses before they are needed. This Supply Chain Risk Management Training Course gives supply chain, procurement, and risk professionals a complete working method for that discipline. Participants learn risk identification, assessment and scoring, mitigation design, continuity planning, and the governance that keeps risk work current.

Supply Chain Risk Management Course Objectives

- Apply supply chain risk frameworks across the end-to-end chain.
- Categorise risk: supply, demand, operational, financial, and compliance.
- Assess likelihood and impact with risk matrices and scoring models.
- Evaluate supplier risk through financial, technical, and capability data.
- Map sub-tier dependencies and single-source exposure.
- Design mitigation: dual sourcing, buffer stock, and contractual levers.
- Build business continuity and contingency plans for critical lines.
- Apply insurance, liability, and force majeure provisions correctly.
- Apply ISO 31000 principles to supply chain risk governance.
- Measure resilience with risk exposure, recovery time, and disruption cost.

Course Methodology

- Facilitated sessions built on real risk registers, supplier records, and incident reports.
- Case workshops on supplier failure, port disruption, and shortage events.
- Risk scoring, exposure, and mitigation cost exercises with live data.
- Continuity planning and scenario exercise labs.

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- Group exercise on a supply chain risk register and resilience plan.

Who Should Take This Course

- Supply chain and procurement risk managers.
- Category and sourcing managers.
- Business continuity and resilience officers.
- Operations, logistics, and inventory managers.
- Compliance and audit staff covering supply risk.
- Insurance and contract management officers.

Supply Chain Risk Management Course Outlines

Day 1: Risk Framework and Identification

- Risk categories: supply, demand, operational, financial, and compliance.
- End-to-end risk mapping from source to customer delivery.
- External drivers: geopolitics, climate, regulation, and market shifts.
- Risk identification methods: workshops, process mapping, and checklists.
- Risk register construction with owners and review dates.
- Risk taxonomy, appetite, and tolerance setting.
- Governance structures and escalation rules.

Day 2: Assessment and Prioritisation

- Likelihood assessment using history and expert judgement.
- Impact assessment across cost, service, safety, and reputation.
- Risk matrices, heat maps, and scoring models.

- Time-to-recover and time-to-impact analysis.
- Criticality classification of supply lines and items.
- Quantitative exposure modelling and value at risk.
- Prioritising mitigation by exposure and cost.

Day 3: Supplier and Sub-Tier Risk

- Supplier segmentation by criticality and spend.
- Financial health assessment and insolvency early warning.
- Technical, quality, and capability evaluation.
- Sub-tier mapping and hidden dependency identification.
- Concentration and single-source exposure analysis.
- Sanctions, denied party, and compliance screening.
- Supplier audits and assurance activities.

Day 4: Mitigation, Contracts, and Continuity

- Mitigation options: dual sourcing, buffer stock, and nearshoring.
- Inventory strategy for critical and long lead time items.
- Contract levers: force majeure, liability, and termination.
- Insurance cover: cargo, property, interruption, and credit.
- Business continuity plans for critical supply lines.
- Emergency sourcing and expediting procedures.
- Scenario planning and stress testing.

Day 5: Monitoring, Governance, and Performance

- Early warning systems and disruption monitoring tools.

- KPIs: risk exposure, recovery time, and disruption cost.
- Reporting to executive management and the board.
- Aligning risk strategy with procurement and planning.
- Post-event reviews and lessons-learned practice.
- Auditing supply chain risk controls and records.
- Building a multi-year resilience roadmap.

Conclusion

By successfully completing the Supply Chain Risk Management Training Course, participants will have acquired a thorough working knowledge of risk identification and mapping, assessment and scoring, supplier and sub-tier risk evaluation, mitigation design with contractual and insurance levers, business continuity planning, and resilience measurement and governance. They will leave able to see disruption coming earlier, respond with a prepared plan, and report supply chain risk in terms management and the board can act on. Gentex Training Center delivers this programme with supply chain and risk practitioners who manage this exposure in live organisations.

FAQs for the Supply Chain Risk Management course

Q1 What is the "Supply Chain Risk Management" course about?

It is a five-day programme on identifying, assessing, and controlling risk across the supply chain. It covers risk frameworks and identification, assessment and prioritisation, supplier and sub-tier risk, mitigation design, business continuity, and resilience measurement.

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Q2 What are the key benefits of the "Supply Chain Risk Management" course?

Participants detect disruption signals earlier and act faster, reduce reliance on single sources before failure rather than after, and align contract and insurance cover with the exposure they actually carry. They also report risk with evidence the board and auditors accept.

Q3 What skills will I gain from the "Supply Chain Risk Management" course?

You will gain supply chain risk identification and end-to-end mapping, risk assessment, scoring, and prioritisation, supplier and sub-tier risk evaluation, and mitigation design, business continuity, and resilience performance management.

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Q4 What tools, methods, or standards are covered in the "Supply Chain Risk Management" course?

The course works with risk categorisation across supply, demand, operational, financial and compliance, end-to-end risk mapping from source to delivery, external driver assessment covering geopolitics, climate, regulation and market shifts, risk identification through workshops, process mapping and checklists, risk registers with owners and review dates, risk taxonomy, appetite and tolerance setting, likelihood and impact assessment, risk matrices, heat maps and scoring models, time-to-recover and time-to-impact analysis, criticality classification of supply lines and items, quantitative exposure modelling and value at risk, supplier segmentation by criticality and spend, financial health assessment and insolvency early warning, technical, quality and capability evaluation, sub-tier mapping and hidden dependency identification, concentration and single-source exposure analysis, sanctions and denied party screening, supplier audits, dual sourcing, buffer stock and nearshoring design, inventory strategy for critical and long lead time items, force majeure, liability and termination clauses, cargo, property, business interruption and credit insurance, business continuity planning, emergency sourcing and expediting procedures, scenario planning and stress testing, early warning and disruption monitoring systems, the ISO 31000 risk management principles, and KPIs covering risk exposure, recovery time and disruption cost.

Q5 How is the "Supply Chain Risk Management" course applied in real-world practice?

Teams apply it when mapping suppliers for a critical category, assessing a single-source risk before contract renewal, monitoring early warning signals on a key vendor, designing a dual-sourcing strategy, testing a continuity plan through an exercise, and presenting supply chain risk to the board.