



COURSE OVERVIEW LM0052 Oil & Gas Supply Chain

Course Title

Oil & Gas Supply Chain

Course Date/Venue

September 01-05, 2024/Boardroom, Warwick Hotel Doha, Doha, Qatar

Course Reference

LM0052

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.



This course is designed to provide participants with a detailed and up-to-date overview of supply chain for oil and gas industry. It covers the logistics and supply chain management; the evolution of logistics to supply chain in the oil and gas industry; the different types of supply chain model; the impact of logistics in the current business environment; the supply chain operations reference models (SCOR); the total cost of ownership; the role of transportation in the energy sector; the key management decisions on shipping; and the international commercial terms in transportation.



Further, the course will also discuss the implications on the liabilities and responsibilities on the shipper and importer; the documentation in transport management; the hazardous materials transportation; the differences between procurement and purchasing; the role of procurement and purchasing; the key performance indicators (KPI) in procurement; the supply chain risks mitigation in operations, inventory control, financial and security; managing the procurement process; and the supplier base using Kraljics Matrix.

During this interactive course, participants will learn the categorization of spares inventory; the application of pareto law in inventory optimization; the ABC analysis to better control cost and waste; the selective inventory control management; the application of Kraljics Matrix in inventory categorization; reducing excess and obsolete inventory; how to improve organization's logistics and supply chain; the blockchain technology; the implication of blockchain in logistics to the organization; and the internet of things and supply chain management.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain in-depth knowledge on supply chain for oil and gas industry
- Discuss logistics and supply chain management and the evolution of logistics to supply chain in the oil and gas industry
- Identify the different types of supply chain model and the impact of logistics in the current business environment
- Describe supply chain operations reference models (SCOR) covering plan, source, make, deliver and return
- Identify the total cost of ownership, the role of transportation in the energy sector and the key management decisions on shipping
- Define the international commercial terms in transportation and discuss the implications on the liabilities and responsibilities on the shipper and importer
- Review documentation in transport management and employ proper techniques in transporting hazardous materials
- Differentiate procurement and purchasing and identify the role of procurement and purchasing
- Carryout key performance indicators (KPI) in procurement and supply chain risks mitigation in operations, inventory control, financial and security
- Manage the procurement process and the supplier base using Kraljics matrix
- Categorize spares inventory and apply Pareto Law in inventory optimisation
- Employ ABC analysis to better control cost and waste including selective inventory control management
- Apply Kraljics Matrix in inventory categorization, reduce excess and obsolete inventory and improve organization's logistics and supply chain
- Discuss blockchain technology, imply blockchain in logistics to the organization including internet of things and supply chain management

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive "Haward Smart Training Kit" (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.

Who Should Attend

This course provides an overview of all significant aspects and considerations of supply chain for oil and gas industry for supply chain managers and executives, purchasing executives, manufacturing managers and operational executives.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures
- 20% Practical Workshops & Work Presentations
- 30% Hands-on Practical Exercises & Case Studies
- 20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Course Fee

US\$ 6,000 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation


Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations


Certificates are accredited by the following international accreditation organizations: -

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The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units (CEUs)** in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council for Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.



Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Mr. Mike Taylor, MScLLI, MBA, MBL, PgDip, BSc, is a Senior Logistics & Management Consultant with over 25 years of extensive experience in the areas of Logistics & Transportation Techniques, Logistics Operations, Transport Planning & Techniques, Production Planning, Fleet Management, Distribution Management, Inventory & Warehousing Management, Production Planning & Control, Supply Chain & Operations Management, Logistics & Cost Reduction Techniques, Logistics Operations & Supply Chain Management, Budgeting & Cost Control, Shipping & Distribution Management, Procurement &

Purchasing Management, Vendor Selection & Contract Management, Forecasting Logistics Demands, Supply Chain Strategy & Logistics Planning, Stakeholder Management, Distribution Analysis & Performance Improvement, Supply Chain Integration Technology, Logistical & Transportation Planning Methods, Stores & Material Stock Control Management, Warehouse Operation, Material Requirement Planning Techniques, Transport & Fleet Management and Marketing Management. Further, he is also well-versed in Cost Estimating & Optimization Skills, Governance Risks & Compliance, Statistics Analysis, Business Planning & Forecasting, Finance Management, Budgeting & Cost Control, Enterprise Risk Management, Vendor Management, Document & Planning Management, Finance & Budgeting Process & Procedures, Effective Quality Management System (QMS), Invoice Management, Contract Management, Commercial Strategy, Project Management, Risk Management, Leadership & Business Management, Human Resource Management and Sales Strategy. Mr. Taylor was Appointed as an Executive/Management Development Facilitator wherein he was responsible for the development of Executives & Senior Managers specializing in innovation, knowledge management and commercial negotiation as well as authored, implemented and executed a global 21st century facilitation and leadership methodology.

During his career life, Mr. Taylor has gained his practical and field experience through his various significant positions and dedication as the Procurement Manager, Contracts Manager, Project Manager, **Logistics Manager, Supply Chain Manager, Purchasing Manager, Operations Manager, Shipping & Logistics Manager, Logistics & Supply Chain Supervisor, Warehouse Manager, Distribution Manager, Marketing Sales Manager, Multinational/Corporate Senior Management Consultant, Business Consultant/Facilitator, Business Consultant/Coach, Client Director, International Sales & Business Development Manager, Administration Manager, Regional Sales Manager, National Key Accounts Manager, Quality Manager, Commercial Sales & Marketing Consultant, Sales & Marketing Representative, Key Note Speaker and Instructor/Trainer** for various international companies such as the Highland Group, Business Development & B2B Consulting, Knowledge-Solution Leadership & Innovation Consulting, DI Management Solutions (BPO), RMG/Contact Media & Communications, Paul Dinsdale Properties (PDP), Giant Leap Architects, Wise Capital Investments (HOD), Evolution® Advertising, Collaborative Xchange, Leatt Corporation, Dentsply SA, Binzagr Company, Lilly Direct/Lennon Generics and Bausch & Lomb.

Mr. Taylor has **Master** degrees in **Business Administration, Leadership & Innovation and Business Leadership**, a **Bachelor** degree in **Physical Education**, a **Post Graduate Diploma in Higher Education** and an **Associate Diploma in Quality Management**. Further, he is a **Certified Instructor/Trainer**, a **Certified Internal Verifier/Trainer/Assessor** by the **Institute of Leadership & Management (ILM)** and a member of Incremental Advantage, Da Vinci Institute, Black Management Forum, Institute of Directors (IOD), World Future Society (WFS), Social Science Research Network, University of Kwazulu Natal (Alumnus), Anthropology & Archaeology Research Network and National Research Foundation (NRF). He has further delivered numerous trainings, courses, workshops, seminars and conferences globally.

Course Program



The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: Sunday, 01st of September 2024

0730 - 0800	<i>Registration & Coffee</i>
0800 - 0815	<i>Welcome & Introduction</i>
0815 - 0830	PRE-TEST
0830 - 0930	<i>Introduction to Logistics & Supply Chain Management</i>
0930 - 0945	<i>Break</i>
0945 - 1100	<i>Evolution of Logistics to Supply Chain in the Oil & Gas Industry</i>
1100 - 1130	<i>Different Types of Supply Chain Model</i>
1130 - 1215	<i>Impact of Logistics in the Current Business Environment</i>
1215 - 1230	<i>Break</i>
1230 - 1420	<i>Supply Chain Operations Reference Models (SCOR) - Plan, Source, Make, Deliver & Return</i>
1420 - 1430	Recap
1430	<i>Lunch & End of Day One</i>

Day 2: Monday, 02nd of September 2024

0730 - 0830	<i>The Total Cost of Ownership</i>
0830 - 0930	<i>The Role of Transportation in the Energy Sector</i>
0930 - 0945	<i>Break</i>
0945 - 1030	<i>Key Management Decisions on Shipping</i>
1030 - 1100	<i>International Commercial Terms in Transportation</i>
1100 - 1215	<i>Implications on the Liabilities & Responsibilities on the Shipper & Importer</i>
1215 - 1230	<i>Break</i>
1230 - 1420	<i>Documentation in Transport Management</i>
1420 - 1430	Recap
1430	<i>Lunch & End of Day Two</i>

Day 3: Tuesday, 03rd of September 2024

0730 - 0830	<i>Hazardous Materials Transportation</i>
0830 - 0930	<i>Differences between Procurement & Purchasing</i>
0930 - 0945	<i>Break</i>
0945 - 1030	<i>The Role of Procurement & Purchasing</i>
1030 - 1100	<i>Key Performance Indicators (KPI) in Procurement</i>
1100 - 1215	<i>Supply Chain Risks Mitigation in Operations, Inventory Control, Financial & Security</i>
1215 - 1230	<i>Break</i>
1230 - 1420	<i>Manage the Procurement Process & the Supplier Base Using Kraljics Matrix</i>
1420 - 1430	Recap
1430	<i>Lunch & End of Day Three</i>

Day 4: Wednesday, 04th of September 2024

0730 - 0830	<i>Categorization of Spares Inventory</i>
0830 - 0930	<i>Application of Pareto Law in Inventory Optimisation</i>
0930 - 0945	<i>Break</i>

0945 - 1100	<i>ABC Analysis to Better Control Cost & Waste</i>
1100 - 1215	<i>Selective Inventory Control Management</i>
1215 - 1230	<i>Break</i>
1230 - 1420	<i>The Application of Kraljics Matrix in Inventory Categorization</i>
1420 - 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Four</i>

Day 5: Thursday, 05th of September 2024

0730 - 0830	<i>Reducing Excess & Obsolete Inventory</i>
0830 - 0930	<i>How to Improve Organization's Logistics & Supply Chain</i>
0930 - 0945	<i>Break</i>
0945 - 1100	<i>Blockchain Technology</i>
1100 - 1215	<i>Implication of Blockchain in Logistics to the Organization</i>
1215 - 1230	<i>Break</i>
1230 - 1345	<i>Internet of Things & Supply Chain Management</i>
1345 - 1400	<i>Course Conclusion</i>
1400 - 1415	<i>POST-TEST</i>
1415 - 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>

Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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