



COURSE OVERVIEW LM0052 Supply Chain Oil & Gas Industry

Course Title

Supply Chain Oil & Gas Industry

Course Date/Venue

Session 1: November 17-21, 2024

Session 2: December 08-12, 2024

Venue: Al Khobar Meeting Room, Hilton Garden Inn, Al Khobar, KSA

Course Reference

LM0052

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



Course Description

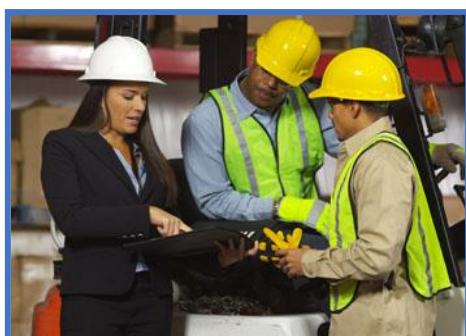


This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.

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.

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. Douglas Robinson, MBA, BSc (Honors), Dip, is currently the **President** of **DSR Consulting** and the **Professor** of **Business Studies Unit (BSU)** at **Durban Institute of Technology (DIT)**, where he is lecturing at **MBA level** in **Human Resources Management (HRM)**, **Leadership & Change Management**, **Presentation Skills**, **Negotiation Skills**, **Interpersonal Skills**, **Communication Skills**, **Adaptability & Flexibility**, **Learning & Self Development**, **Industrial Relationships**, **Driving Performance**, **Performance Measurement**, **Performance Goal Implementation**, **Time Management Techniques**, **Organizing Daily Activities**, **Handling Difficulties & Pressure**, **Productivity & Feedback Management**, **Problem Solving & Decision Making**, **ISO 9001 Lead Auditor**, **Commercial Negotiation & Legal Aspects**, **Logistics & Supply Chain Management**, **Quality Management**, **Project Financial Planning**, **Financial Management**, **Materials Inventory Management**, **Budgeting & Cost Control**, **Project Accounting**, **Project Management**, **Contract Management**, **Operations Management**, **Procurement Management**, **Entrepreneurship** and **International Business**.

Mr. Robinson has over **40 years** of international experience in **Contract Management**, **Quality Management**, **ISO Standards**, **Logistics & Supply Chain Management**, **Procurement**, **Purchasing**, **Outsourcing Strategies**, **Project Management**, **Business Systems**, **Operations Management** and **Business Re-Organization**. Further, he is a **Registered Assessor** of **Quality Management**, **Logistics**, **Supply Chain Management**, **Procurement Strategies**, **Purchasing** and **Outsourcing**.

As a leader in the **Quality**, **Procurement** and **Logistics** fields, Mr. Robinson facilitated in-house skills development programmes in a lot of companies worldwide and has **extensive consulting experience** in both the public and private sectors. His experience includes implementing SAP system in **Procurement**, **financial**, **sales**, **distribution**, **materials management** and **costing**.

During his long career life, Mr. Robinson worked for many **International companies** such as **Tiger Brands**, **Nestle's**, **Mondi Manufacturing**, **Mondi Forests**, **Masonite Africa Ltd.**, **Frame** etc. He worked as **General Manager**, **Quality Manager**, **Procurement Manager**, **Logistics Manager**, **Logistics Superintendent**, **Project Manager**, **Purchasing Supervisor**, **SAP Facilitator**, etc.

Due to his thorough and long experience and knowledge, Mr. Robinson is **recognized internationally** as an **Expert** in **Logistics & Supply Chain Management**, **Procurement**, **Purchasing**, **Outsourcing**, **Strategic planning**, **business wellness analysis**, **Contract management**, **Project Management**, **feasibility studies**, **financial analysis**, **cash-flow forecasting**, **Capital investment analysis**, **risk analysis**, **Business process analysis**, and **Quality Management Systems**.

Mr. Robinson has a **Master** degree in **Business Administration (MBA)** from the **University of Durban-Westville**, a **Bachelor** degree with **Honors** in **Business Management** and **Administration** and **Diplomas** in **Medical Technology**, **Marketing Management**, **Business Management** and **Project Management** from the **University of Rhodesia** and from the **Damelin Management School** respectively. Further, he is a **Certified Instructor/Trainer**, a **Certified Trainer/Assessor** by the **Institute of Leadership & Management (ILM)**, an active member of international professional affiliations and delivered innumerable trainings, courses, workshops and seminars globally.

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\$ 5,500 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 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

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

Day 2

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



Day 3

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	<i>Recap</i>
1430	<i>Lunch & End of Day Three</i>

Day 4

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

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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