COURSE OVERVIEW LM0052-4D
Supply Chain for Oil & Gas Industry

Course Title
Supply Chain for Oil & Gas Industry

Course Reference
LM0052-4D

Course Duration/Credits
Four days /2.4 CEUs/24 PDHs

Course Date/Venue

Session(s)	Date	Venue
1	February 05-08, 2024	Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE
2	May 20-23, 2024	Al Aziziya Hall, The Proud Hotel Al Khobar, Al Khobar, KSA
3	September 02-05, 2024	Boardroom, Warwick Hotel Doha, Doha, Qatar
4	December 09-12, 2024	Fujairah Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi, UAE

Course Description

This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-the-art simulators.

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, sample video clips of the instructor's actual lectures & practical sessions during the course 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

Dubai	**US$ 4,500** per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Al Khobar	**US$ 4,500** per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Doha	**US$ 5,500** per Delegate. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Abu Dhabi	**US$ 4,500** 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 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: -

- 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 **2.4 CEUs** (Continuing Education Units) or **24 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.

- 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, PhD (on-going), MScLI, MBA, MBL, BSc, HDE, is a **Senior Management Consultant** with over **25 years** of extensive experience in the areas of **Data Quality Control**, **Data Quality Assessment**, **Data Quality Planning**, **Data Quality Strategy Management**, **Data Modelling**, **Root Cause Analysis & Solution Development**, **Project Planning, Scheduling & Cost Control Professional**, **Project Scheduling & Cost Control**, **Facilitation & Leadership** Skills, **Coaching**, **Human Resource** Development, **Psychometric** Testing, **Career Development** & Competence, **Succession Planning**, **Self-Development & Empowerment**, **Personal Learning Needs Identification**, Critical Success Factors (**CSFs**), Key Performance Indicators (**KPIs**), Productivity **Creativity & Thinking** Modes, **Human Resource Scorecard** Management, **Career Laddering**, **Fast-Track Career Progression** Application, **Knowledge** Management, **Customer** Management, **Leadership** Skills, **Presentation** Skills, **Negotiation** Skills, **Decision Making** Skills, **Communication** Skills, **Emotional Intelligence**, **Performance** Management, **Contract** Management, **Quality** Management, **Commercial Strategy**, **Project** Management, **Risk** Management, **Leadership & Business** Management, **Human Resource** Management, **Planning**, **Budgeting & Cost Control**, **Business Development**, Innovation, Sales Strategy and Knowledge & **Intangible Asset Assessment** Design. Further, he is also well versed in **Organization Management & Business Consulting**, **Stakeholder & Supplier Evaluation**, **Data Collection & Information Gathering**, **Value & Supply Chain** Management, **Intellectual Property & Innovation** Assessments, **Logistics & Supply Chain** Management, **Budgeting & Cost Control** and **Marketing** Management. Mr. Taylor is the **Founder & CEO** of Mitakon Innovation Pty Ltd wherein he is 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 **Knowledge-Solutions Service Provider**, **Founder-Principal/CIO**, **Subject Matter Expert**, **Consulting Partner**, **Executive/Management Development Facilitator**, **Multinational/Corporate Senior Management Consultant**, **Senior Quality & Management Consultant**, **Executive Management Development/Facilitator**, **Business Consultant/Facilitator**, **Business & Quality Consultant/Coach**, **Client Director**, **Administration Manager**, **Quality Manager**, **International Sales & Business Development Executive**, **Regional Sales Manager**, **National Key Accounts Manager**, **Commercial Sales & Marketing Consultant**, **Admin Assistant**, **Sales & Marketing Representative**, **Key Note Speaker**, **Lecturer** and **Instructor/Trainer** for various international companies such as the Highland Group (Business Consulting), **Anglo American**, **BHP Billiton**, Rio Tinto, DI Management Solutions (BPO), Master Deal Making Institute (MDMI), RMG/Contact Media & Communications, Paul Dinsdale Properties (PDP), Giant Leap Architects, Wise Capital Investments (HOD), Evolution® Advertising, Collaborative Xchange, Leatt Corporation, Dentsply SA, FMCG/Binzagr Company, **Unilever**, **Kellogg's**, BAT, **Hershey's**, CORO, Lilly Direct/Lennon Generics and Bausch & Lomb.

Mr. Taylor has **Master** degrees in **Leadership & Innovation**, **Business Administration** and **Business Leadership** as well as a **Bachelor** degree in **Physical Education** and pursuing **PhD** in **Global Governance & Energy Policy**. Further, he is a **Certified Instructor/Trainer**, **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

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Introduction to Logistics & Supply Chain Management***
0930 – 1015	***Evolution of Logistics to Supply Chain in the Oil & Gas Industry***
1015 – 1030	*Break*
1030 – 1115	***Different Types of Supply Chain Model***
1115 – 1200	***Impact of Logistics in the Current Business Environment***
1200 - 1215	*Break*
1230 – 1315	***Supply Chain Operations Reference Models (SCOR) – Plan, Source, Make, Deliver & Return***
1315 – 1345	***The Total Cost of Ownership***
1345 – 1420	***The Role of Transportation in the Energy Sector***
1420 – 1430	*Recap*
1430	*Lunch & End of Day One*

Day 2

0730 – 0815	***Key Management Decisions on Shipping***
0815 – 0915	***International Commercial Terms in Transportation***
0915 – 1000	***Implications on the Liabilities & Responsibilities on the Shipper & Importer***
1000 – 1015	*Break*
1015 – 1045	***Documentation in Transport Management***
1045 – 1130	***Hazardous Materials Transportation***
1130 - 1145	*Break*
1145 – 1230	***Differences between Procurement & Purchasing***
1230 – 1315	***The Role of Procurement & Purchasing***
1315 – 1420	***Key Performance Indicators (KPI) in Procurement***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3

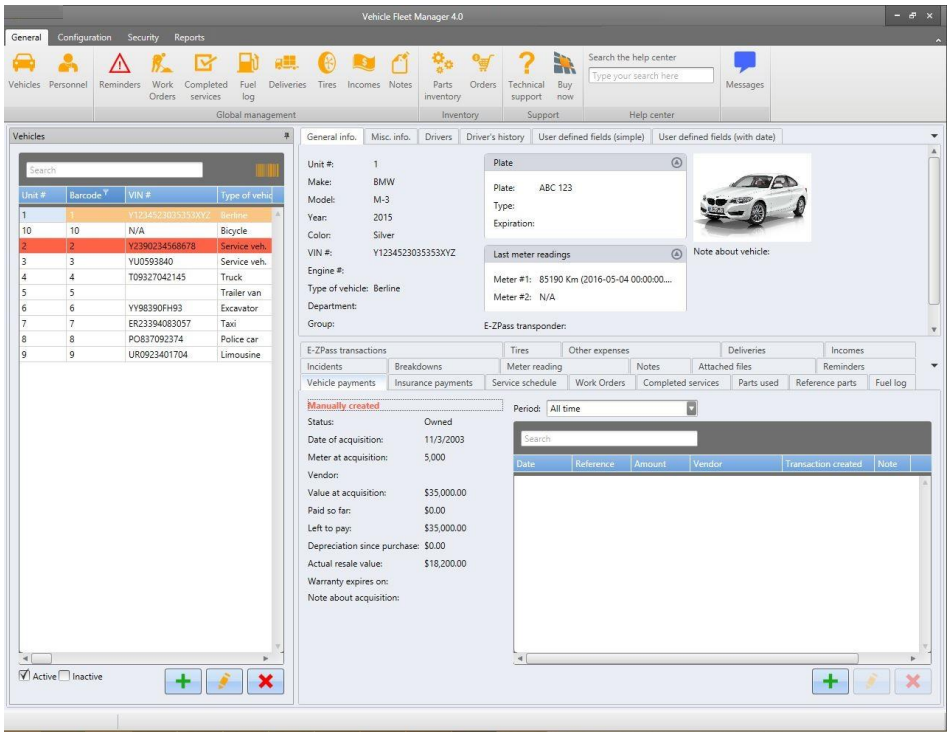
0730 – 0845	***Supply Chain Risks Mitigation in Operations, Inventory Control, Financial & Security***
0845 – 0930	***Manage the Procurement Process & the Supplier Base Using Kraljics Matrix***
0930 - 0945	*Break*
0945 - 1030	***Categorization of Spares Inventory***
1030 - 1130	***Application of Pareto Law in Inventory Optimisation***
1130 - 1145	*Break*
1145 - 1230	***ABC Analysis to Better Control Cost & Waste***
1230 – 1330	***Selective Inventory Control Management***
1330 – 1415	***The Application of Kraljics Matrix in Inventory Categorization***
1415 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

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

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using our state-of-the-art simulators "Vehicle Fleet Manager 4.0" software.



Vehicle Fleet Manager 4.0

Course Coordinator

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