

# Maximise your potential through training

By James Duthie, Score Group plc

There has never been more focus or attention on training and competency in our industry and Score Training and Multimedia Productions Limited can meet all your demands and exceed your expectations by providing you with the premium specialist technical training available in the market.

Give your operators, technicians and staff the training and knowledge to maximise their potential and:

- Perform better and more efficiently
- Enhance their knowledge and technical understanding
- Benefit from extensive experience in the industry

Part of the Score group of companies, Score Training and Multimedia Productions Limited (S.T.A.M.P.) plays a pivotal role in delivering specialised training within the Score group, training our staff to the highest possible standards. This entire training, knowledge and skill base is now available in the marketplace.

S.T.A.M.P provides a training service throughout the globe and draws on years of experience of successfully delivering presenter-led and e-learning to the diverse range of companies within the Score group and its clients.

**“In all our courses, we aim to develop a delegate’s knowledge and abilities to allow them to both maximise their own potential and their individual contribution in the workplace”**

On offer, are a wide range of specialised engineering training courses, which are focused towards personnel working in the industry be it both awareness courses applicable to all staff or more technical, specialised courses for technicians and engineers. In all our courses, we aim to develop a delegate’s knowledge and abilities to allow them to both maximise their own potential and their individual contribution in the workplace.

Our speciality is valve-related training from basic awareness to engineering skills such as pressure testing or safety valve inspection. All our courses are delivered primarily at our state of the art training facilities in Peterhead, Scotland where attendees receive a blend of

classroom and practical workshop training in each subject area.

We pride ourselves on being an innovative training facilitator and using our extensive knowledge of engineering, particularly of the valve industry, we aim to add real value to all attendees by providing them with the knowledge and skills required for today and the future.

In addition to our existing courses with prior agreement any specific be-spoke training can be tailored to suit any needs, and all courses can be delivered at any site anywhere in the world.

Put your faith in us and allow us to maximise the potential of you and your employees. ■

**For further information about our training and all services provided by S.T.A.M.P or to arrange a visit please contact us by visiting our website or e-mail me at [james.duthie@score-group.com](mailto:james.duthie@score-group.com)**

**E-mail**  
[STAMP.support@score-group.com](mailto:STAMP.support@score-group.com)

**Website**  
[www.score-training.com](http://www.score-training.com)



## Specialised Training from an Industry Expert

Score **Training** and Multimedia Productions Limited with the backing of Score **Group plc**, Est. 1982, have an extensive range of specialised technical training courses in the market place. These are available to everyone and are essential to all working in the industry.

Courses include:-

- Valve Appreciation
- Various PSV Courses
- Sealant Injection
- Plug Valve Maintenance
- General Valves
- Pressure Testing
- Acoustic Monitoring
- Subsea Tree & Wellhead Awareness

*and many more...*

Contact us for a full course listing:-  
✉ [stamp.support@score-group.com](mailto:stamp.support@score-group.com) or ☎ 01779 482333



[www.score-training.com](http://www.score-training.com)

# Safe packing and handling of cargo to and from offshore locations

Now recognised as industry best practice

By Derek Emslie, global sales & marketing manager, NSL Aberdeen



- Legislation & Regulations
- Types of Cargo Carrying Units (CCUs)
- Design Standards and Certification
- Offshore Tanks - Chemical, Oil, Fuel, etc
- Portable Gas Equipment
- Pre-Use Inspection of CCUs & Slings
- Slings Loads and Lifting Loads
- Special Cargo
- Handling Tubulars
- Road Transportation
- Carriage of Goods By Sea
- Carriage of Goods By Air
- Non-Conforming Cargo
- Documentation
- Examples of Bad Practice

## OGUK Cargo Handling Best Practice Module 2 Transport of Dangerous Goods & Waste Management

This course reflects the information given in the latest Oil & Gas UK Best Practice for the Safe Packing and Handling of Cargo to and from Offshore Locations. The course is divided into twelve sections as follows:

- Regulatory Bodies/Main agencies
- Regulations and Codes of Practice
- Classification of Dangerous Goods
- Packing Groups
- Marking, Labelling and Hazard Warnings
- Documentation
- Transportation of Dangerous Goods By Air
- Transportation of Dangerous Goods By Sea
- Transportation of Dangerous Goods By Road
- Controlling Waste Offshore
- Special Waste
- Recyclable Waste

This two-part eLearning programme is designed to run in conjunction with a handbook, safety awareness posters, and practical training courses. (The programme has been revised to reflect the Best Practice, Issue 5 November 2011, formerly known as 'Guidelines').

The safe packing and handling of cargo is a major part of most industrial processes and historically, due to the nature of the work, this has often proved to be hazardous. Most accidents and incidents involving cargo are caused by human error. For example loads not being secured properly, incorrect slinging techniques, leaving loose items such as tools on top of loads, mixing hazardous cargos together and not having proper labelling, to mention but a few.

To help users access the relevant guidance, the training is broken down into two modules as follows:

## OGUK Cargo Handling Best Practice Module 1 General Cargo Handling

This course reflects the information given in the latest Oil & Gas UK Best Practice for the Safe Packing and Handling of Cargo to and from Offshore Locations. The course is divided into fifteen sections as follows:



These training courses have been put together to help raise the awareness of all personnel involved in cargo handling operations, whether on or offshore. They highlight the possible hazards encountered when dealing with heavy loads, the consequences of dropped objects and the importance of checking compatibility of cargo items.

Personnel are tested as they progress through the course, ensuring a sense of achievement on completion. The issuing of a certificate also confirms that they have an understanding of the Best Practice.

These eLearning modules can be accessed online via our website. ■

### For Further information, contact:

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QMI Scotland Limited

Chartered Quality Consultants & Trainers

## 21<sup>st</sup> Anniversary Year in Aberdeen

By Ian Jones, QMI Scotland Ltd

Aberdeen based management training and consultancy organisation, QMI Scotland Limited are, this year, celebrating their 21<sup>st</sup> Anniversary in business in Aberdeen and are looking forward to a very busy 2012.

Established in Aberdeen in 1991 the company have provided high calibre management systems training, consultancy and audit services across a broad spectrum of industry and commerce and have an enviable track record in assisting a wide range of organisations in the achievement of UKAS Certification to the ISO 9001, ISO 14001 and BS OHSAS, Quality, Environmental and Safety Management Standards.

### Auditor training

The company offer a full public programme of accredited auditor training courses locally in Aberdeen as well as in Glasgow and Edinburgh. The Aberdeen based courses are held at the prestigious Kippie Lodge at Milltimber, home of the Aberdeen Petroleum Club, where course attendees can be assured of restful surroundings, great food and excellent service. Full leisure facilities are also available to all course attendees including, swimming pool, gym and golf facilities.

All QMI auditor training courses are accredited through the International Register of Certificated Auditors (IRCA) ensuring the acceptance of their auditor training by major operators and clients on a worldwide basis. The Internationally recognised course certificate also meets the training requirement for registration as a "competent auditor" under the IRCA Auditor Registration Scheme

### Consultancy:

QMI Consultancy Services are delivered by highly qualified consultants most of whom are members or fellows of the Chartered Quality Institute or other Chartered Institutions and who have many years experience in the development and certification of management systems.

### Audit services:

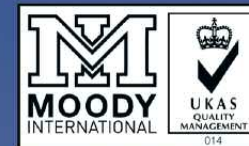
QMI offer a comprehensive range of audit services, from support to clients Internal Audit Programmes, to Supplier and Vendor Audits or Corporate Audit. QMI have also, over the last twenty years, provided audit services to one of the worlds largest UKAS Accredited Certification Bodies. All QMI Auditors carry IRCA Auditor Registration.

### Forthcoming Auditor Training Courses:

Course Title	Dates	Venue
IRCA Certified - ISO 9001 FOUNDATION	20 March	Kippie Lodge
IRCA Certified - ISO 9001 Internal Auditor (2 days)	21 - 22 March	Kippie Lodge
IRCA Certified - ISO 9001 Lead Auditor (5 days)	5-9 March	Kippie Lodge

ESTABLISHED IN SCOTLAND SINCE 1991  
[www.qmi-scotland.co.uk](http://www.qmi-scotland.co.uk)

Contact **Margaret Jones**  
on **01224 626290**



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## Maximising production - the skills factor

Major oil producers reported falling third quarter production in 2011, despite record spending on new projects. In this context, the challenge of increasing output needs to focus not only on development of new resources, but also on maximising production from existing resources and assets. Against this background, Colin Findlay, director of Severn Glocon Group, comments on issues facing the industry and the importance of choosing the right contractor.

Offshore operators are under pressure to extend platform life to fully utilise remaining hydrocarbon deposits at a good return on investment. So, production assets are being made to operate for longer than was originally intended. Safety, reliability and optimising performance have always been major drivers for platform operators. They are supported in achieving these objectives by a global industry of specialist contractors like Severn Unival which has provided service and engineering support for over 30 years, including rapid response for emergency valve repairs and planned shutdown activities.

There is, however, a wide discrepancy in services offered. One of the biggest issues for operators now is the competency of engineering contractors going offshore.

SQEP (Suitably Qualified & Experienced Personnel) are essential when it comes to offshore management and maintenance. Clients need to feel assured that jobs are being undertaken by people who have the skills, experience and judgement to resolve technical issues effectively.

The competency of individuals and their ability to squeeze more life out of - often aging - assets is increasingly under the spotlight. Especially against the backdrop of the Health & Safety Executive's KP4 initiative (concerned with the control of risks associated with aging assets and life extension in the North Sea).

David Doig, group chief executive of global skills and competency body OPITO, says: "Compliance aside, organisations need to know the people working for them are competent to do the job they are trained for.

"Recent research carried out by OPITO found that there is a lot of work to be done in terms of proving the success of training and making sure we don't assume because a worker has been trained he is competent to do the job. This is of particular relevance in relation to aging infrastructure and asset integrity where the need to improve business efficiency and performance must be balanced carefully with the safety and skills question."

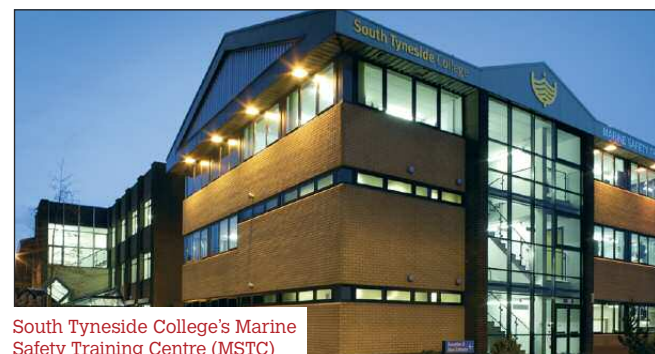
Severn Unival clients benefit from the field expertise and design experience of the Performance Plus team which has an in-depth understanding of application engineering and operating performance. It's a track record few can match and is referenced against valve management and support contracts with world-leading operators including Shell E&P, Marathon Oil, Saudi Aramco, Exxon Mobil, BP, Suncor and Statoil.

BP, amongst others, has recently raised concerns about the aging profile of highly trained consultants, posing the question, 'where is the new skills base coming through?' Measures are being taken to address this concern. For instance, the Government has set great store in expanding the number of advanced apprenticeships - with an 82 per cent increase since 2009. And Severn Glocon Group is committed to its own apprenticeship scheme.

But training remains a significant investment, and a key differentiator between contractors. With costs under scrutiny, the temptation can be to choose a contractor purely on the basis of price, which is too often a false economy. Ask yourself the question - why are these people cheaper? Engineering consultancy services are not a commodity - the quality of work has a direct bearing on platform safety and profitability. ■

## South Tyneside College - a leader in offshore and onshore safety training

By Robert Smith, South Tyneside College



South Tyneside College's Marine Safety Training Centre (MSTC)

Situated on the banks of the River Tyne in South Shields, South Tyneside College's Marine Safety Training Centre (MSTC) has an extensive range of facilities which have been developed to provide the most realistic training environment possible.

The range of courses in safety training is outstanding with all being taught in the superb facility, one of the foremost safety training resources in the UK.



Offshore platform transfer simulator being used during training

Hundreds of organisations from across the globe use the facility each year which is testament to the high standard of training provided.

Wind energy is forecast to become the biggest growth area in domestic energy the UK has ever experienced. To help meet the training demands this industry has created, a series of training courses have been developed in partnership with organisations in the industry to equip the workforce with the skills and knowledge required to work safely both onshore and offshore.

These courses utilise extensive and unique facilities in offshore safety training and include Europe's first offshore platform transfer simulator to recreate realistic working conditions.

Other facilities include:

- Environmental Pool – used for survival training – equipped with variable wave pattern generator, wind, rain, light and sound effects
- Twin cockpit 12 seat helicopter escape module, capable of being used to simulate dry, wet and capsized situations
- Helicopter winching arrangements
- Offshore platform transfer simulator
- Davit-launched life raft equipment
- Range of marine and aviation life rafts, survival suits, lifejackets and associated survival equipment
- Jetty and moorings
- Fire Training Centre
  - ▲ Full-size smoke chamber and mock ups of ship/offshore structures
  - ▲ Fixed fire fighting installations
  - ▲ Full range of operational extinguishers, hoses, nozzles etc.
  - ▲ Comprehensive range of breathing apparatus
  - ▲ Range of fire props for setting realistic scenarios

To find out more information call 0191 427 3772, email: [marine@stc.ac.uk](mailto:marine@stc.ac.uk) visit [www.stc.ac.uk](http://www.stc.ac.uk)

**Don't bring me problems. Bring me solutions.**

That's the cry of plant operators everywhere – whether their issues are aging assets, transfer of ownership, reliability or KP4. They need a level of world-class engineering experience and an understanding of applications that only Severn Unival can provide because we're control valves through to our core. All of our in-field experience over the past 30 years is fed back into our designs and services to find ever-better solutions.

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and click on Marine College

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Introduction to Well Integrity

Introduction to the Upstream Oil Industry

**Detailed Course Content:**

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**Book:**

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## Providing a 'best in class' experience

By Cameron Laing, Laing Engineering & Training Services Ltd



Cameron Laing, LETS (far left) and Joe Allan, PTC (2nd right front) with some of the attendees on the inaugural LETS Artificial Lift Course in 2010

LETS Train has announced the schedule for its core Completion Design and Artificial Lift courses for 2012, which kick off in June in Aberdeen. The courses attract engineers from major operators, independent operators, major contractors, service sector companies and consulting houses, along with independent consultants who want to invest in enhancing their skill set.

While being geared towards those who will be responsible for ultimate delivery of completion designs both across and above the reservoir, the Completion Design course also provides valuable insights for those who work in well delivery or asset management teams. The courses go beyond the selection of items of equipment to opening up the fundamental production technology drivers that determine production performance and life of well integrity.

The Artificial Lift course covers the key technologies of Gas Lift, ESP & Jet Pump. The main objective of this course is to provide the industry with advice that is independent of the major suppliers. Trainers, with many years of industry experience, and who regularly provide expert consulting services, were engaged to provide a 'best in class' experience.

All the LETS courses can be packaged for 'in-house' delivery. LETS have for a number of years provided 'in-house' Well Integrity & Completion Awareness courses to offshore operators on Petrofac managed facilities. Production System Modelling courses have been provided for completion and production engineers at companies such as Talisman and Nexen. Well Completion Equipment & Operations courses have been run for WellTec, Read Well Services and Camcon-oil.

LETS business model is to blend production technology consulting with training so as to leverage the synergies for the benefit of both streams of customers. Ongoing consulting activities at present range from providing specialist gas lift operations support at EnQuest to providing expert advice to the Rushmore Reviews completion performance review team. ■

For further information visit our website at:  
[www.letstrain.co.uk](http://www.letstrain.co.uk)

## Training and Development

## Matthews Training introduces new NII training course

By Cliff Matthews, Matthews Training Ltd



Following a successful year in 2011 Matthews Engineering Training (MET) Ltd are now offering their new Non-Intrusive Inspection (NII) course at their locations in Aberdeen, Teesside and Immingham, and in-house at clients' locations.

For most process operators there are clear advantages in replacing some traditional Internal Visual Inspections (IVI) with Non-Intrusive Inspections (NII) done from the outside of the vessel. Done properly, NII can reduce cost and mechanical disturbances of the plant, and allow better future planning for shutdowns when they do occur. Central to the replacement is the requirement that any NII inspection must be shown to be equally as good (or better) at finding expected defects than the IVI it replaces.

It is not only in the offshore industry that NII has advantages. Downstream refineries are also starting to use it when it can be justified without increasing overall risk. Simply replacing IVI with NII is rarely good enough. Integrity managers need proper technical justification when presenting NII recommendations to clients. Clients, in turn, have to justify the decision to their enforcing authorities, and maintain an auditable trail of the technical decisions made.

DNV Recommended Practice document DNV-RP-G103: 2011 is a compilation of sound engineering practice and proven experience obtained from oil and gas industry process vessels. Although published by DNV, the HOIS collaborative project in Aberdeen was heavily involved during its production. The document provides a detailed breakdown of the step-by-step NII decision-making process culminating in the writing of a NII Decision Guidance Report. It is a very comprehensive and well-written document containing a level of consistency that is sometimes missing in published codes and RP documents.

The Matthews Training course **Non-Intrusive Inspection to DNV-RP-G103** provides delegates with the understanding of DNV-RP-103 necessary to be able to write an NII Decision Guidance Report for process vessels. Practical exercises are carried out using documentation record packs and previous inspection reports for actual vessels. This is supplemented by hand-on visual inspection of the vessels themselves in the training facility.

**Also new for 2012: Matthews Training ASME Plant Inspector excellence awards**

From Jan-June 2012 Matthews Training will be awarding the best delegate from each of their Jan-June 2012 UK **ASME Level 1 Plant Inspector** courses the valuable prize of a fully funded trip to their full-day supercar car driving trackday. For the five winning delegates this will provide the exciting opportunity to experience driving 8-9 Lamborghini, Ferrari and other exotic supercars under racetrack conditions with professional instructors.

For **ASME Level 2 Plant Inspector** courses the best delegate from the 2012 course programme will be awarded the valuable prize of a fully funded trip to a selected ASME or API North American conference in 2013. For the winning delegate this will provide the ideal opportunity to attend a pressure systems/inspection-related ASME/API conference in the USA/Canada and network with important people in the industry.

**Free corrosion severity guide still available**

Over 3000 copies of the Matthews Training corrosion severity guide have now been provided to inspection-related companies. To obtain a free copy from the final print run just send an email to [enquiries@matthews-training.co.uk](mailto:enquiries@matthews-training.co.uk) providing an EU postal address. ■

Further details of these items and other ASME/API training activities can be found on the Matthews Training website [www.matthews-training.co.uk](http://www.matthews-training.co.uk)

### ASME/API 510/570/653 PLANT INSPECTOR TRAINING: 2012

**Matthews Engineering Training Ltd** are now taking bookings for their 2012 ASME Plant Inspector (Levels 1, 2, 3) training courses in the UK. This training certification is currently NON-RENEWABLE

- 4-5-day hands-on training courses with practical content
- ASME-issued delegate certificates
- **Level 1** (entry level) and **Level 2** (senior) dates throughout 2012: Venues **Teesside, Aberdeen** and **CATCH, Immingham**.

API 510/570/653: UK courses also running in 2012  
See our website for details, dates and prices

Or contact: [enquiries@matthews-training.co.uk](mailto:enquiries@matthews-training.co.uk) tel: 07732 799351  
[www.matthews-training.co.uk](http://www.matthews-training.co.uk)

Matthews Training Ltd is an authorised global training provider to ASME