

# WHAT'S THE SCORE

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July 2013



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## Score Europe Peterhead and Brighthouse Complete Unique Hydraulic Power Unit project

**D**uring the May holiday weekend a lorry left Score (Europe) workshops at Glenugie, Peterhead, bound for Teesside. On board was the largest hydraulic power unit (HPU) ever to have been designed and built by Score Group plc. As well as being the biggest, at about 5m x 2m x 3m high, it is also Score's first electrically powered HPU and was designed to replace an ageing pneumatically powered unit. The new HPU which has a 25-year design life, is expected to meet our client's long-term needs for an additional hydraulic power source.

This Project Valve Management contract, was awarded to Score (Brighthouse) and was a follow-up to a previous valve supply contract successfully fulfilled by Score. Detailed negotiations with our clients and subsidiaries on specifications and requirements, with large-scale involvement of Brighthouse staff in particular, took place and culminated in Score Brighthouse supervising the first part of the three-stage project in summer 2012. This order was for a valve supply package featuring products from Italy and comprised a series of class 900-rated ball valves (24", 30" and 34") constructed from low-temperature tested materials and with a special metal seat design. The second stage of the contract was for the supply of actuators, which were also sourced by Score in Italy and the UK. In the third and final stage the HPU, controls and cabinets were fully designed, assembled and tested in Score Peterhead by Score Europe's Valve Automation Department.

The HPU consists of two electric motor driven pumps, each with individual control stations, submerged within a 1500-litre hydraulic oil tank. These pumps provide charge for six piston-type accumulators complete with individual isolation safety blocks. Each accumulator is Nitrogen pre-charged to give the required stored energy required to drive the ball valves open and closed.

Every monitoring component is protected by an individual 2-valve manifold to allow full and easy maintenance, and hydraulic supply lines are fitted with replaceable filters to ensure clean fluid throughout. An important safety feature is the internal bund built into the stainless steel cabinet which ensures complete retention of oil in the event of leakage of any oil. The cabinet is also fully load tested and supplied certified lifting eyes, shackles and chains.

The entire HPU can be set to run in fully automatic mode or be manually controlled. When manually controlled, safety is always ensured by the

fact that the high pressure switches, which prevent over-pressurisation, cannot be overridden. Should there be any malfunction, the entire HPU is protected by calibrated and certified PSVs. As the HPU is designed with two identical electrical supply sources, one side of the HPU can be serviced and maintained whilst the other continues to perform the required function, thus ensuring no downtime. Furthermore, the electrical control circuit is designed to switch automatically between each motor on consecutive requirements, thus ensuring an even usage of motors and pumps. The three smaller cabinets, which give local control at the actuator, have quick connecting couplings to allow the supplied manual override pump to be fitted to enable operation of the individual actuators should the HPU supply pressure become unavailable.

For such a large contract, which required a variety of skills and the co-operation of individuals and teams from different departments and in different geographical locations, there were many potential difficulties to be overcome. Throughout the project, Score staff at Peterhead and Brighthouse worked closely and proactively with our clients who relied on our advice on requirements and specifications as well as our active involvement in design, engineering and construction. Score, in turn, is grateful to Kestral EX Ltd for superb support, often at short notice, with some aspects of the demanding electrical work during the design and assembly phases of this large and complex piece of equipment.

Score's rigorous checking and testing procedures ensures that everything, including all paperwork and certification, is in place and ready for final installation and commissioning around the end of May. In conclusion, the successful completion of this demanding HPU contract is a huge achievement by our teams of sales staff, engineers and other technicians, who worked round the clock to meet the tight 42-week delivery agreement. Within this period, the 20-week completion of the design, assembly and testing of the HPU, controls and cabinets by Score's Peterhead-based Valve Automation Department is a particularly impressive achievement. Many congratulations to everyone at Brighthouse, Peterhead and elsewhere who contributed at all stages to the success of this important project.



We would like to thank everyone who contributed articles for this issue. The next issue of the newsletter will be released October 2013.

The Newsletter Team



Score **Brisbane Pty Limited**  
Intelligent Valve Management™  
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## Score Brisbane Gladstone Open Day

On the 5th June, Score (Brisbane) Pty Limited officially opened its new facility in Gladstone, Queensland, Australia. The new facility has been extensively equipped with the latest technology in pressure test cells, a general workshop area, a substantial racking area, as well as office facilities.

The three LNG Gas plants that are currently being constructed on Curtis Island located just a few kilometres over water from Gladstone, along with the gas fields located in the Surat and Bowen Basins are the main driver behind Score setting up the facility here in Gladstone.

The opening day was a well-run and organised event, where a number of clients and prospective clients were invited to inspect the newly built facility. During the day there were various

presentations detailing all the different services we can provide as a company which included demonstrations of the MIDAS® Meter, MIDAS® Sensor and V-Scan. They also had the chance to speak with some of the Score representatives that were in attendance from the various areas of the group. As well as prospective and on-going clients, we also had 14 of our newest apprentices who are currently completing the first year of their apprenticeship at Bundaberg TAFE attend the opening day. During the apprentices time at the opening day they were given a brief lecture by the Company Chairman Charles Ritchie.

The event ran from 12pm to 4pm where a typical Aussie style BBQ lunch was served to all guests. The attending guests appeared impressed with what the company has to offer in terms of facilities, products, services,

diagnostics, experience, intelligence, engineering, testing, product management and training opportunities.

It was agreed by all at the event that the hard work in setting up the business, the facility and the opening day itself, had given Gladstone a great start. Some new business contacts were established, existing contacts were advanced and some real new opportunities to chase were identified.

A special thanks must go to the various personnel from Peterhead, Cowdenbeath, Malaysia, Perth and Brisbane for their hard work leading up to and including the opening day. The event would not have been such a success without their support.



## Score Europe Officially Opens In Glenrothes

Score (Europe) Limited has been represented in Fife since 1984 by a Specialist Testing facility at Cowdenbeath. In response to a need to increase capacity for the storage, testing and distribution of valves worldwide, the company purchased a 4000-square metre facility at Southfield, Glenrothes in March 2013.

Since then, this new Global Distribution and Logistics Hub has already been kitted out and has delivered the first batch of valves. In a boost to employment in the local Fife community Score has already recruited 14 local employees.

On 19th June at an Open Day for suppliers and customers, Score Europe's Global Distribution and Logistics Hub was officially opened by Charlie Stewart, Company Growth Support Director at Scottish Enterprise. Accompanied by Richard Sadler, Managing Director Score (Europe) Limited, Mr Stewart said "I am really impressed with Score Europe's new Global Hub facility here in Glenrothes. Scottish Enterprise is delighted with the investment made here and we look forward to continuing to work with the company and seeing it grow and develop further in Fife and beyond".

Richard Sadler replied by saying "The board of Score Europe have the key objectives of continuous improvement and growth. Capacity issues at our headquarters at Peterhead encouraged us to look at other solutions and we chose Fife as a key location for testing and distribution of our products to our worldwide clients, while reducing our carbon footprint".

"We received an excellent reception and support from Fife Council and along



with the funding from Scottish Enterprise we were able to purchase the plant in March, and all this took only three months, making it a smooth and quick process. By the end of May our first job was processed in the new facility".

"The Score team have made an incredible effort to turn around this new Global Hub operation from the purchase date of March 22nd. We hope to build on this newly created team and will be recruiting 10 new apprentices annually to the company in Fife, and will reach at least 30 employees over the next three years. We will also continue the Score tradition of innovation and excellence by developing engineering and process improvements for use in the wider group of companies".

Robin Presswood, Fife Council's senior manager, Business & Employability, commented "In the last three years Score Europe has trebled its workforce in Fife, which is excellent news. We are delighted that the company has expanded into Glenrothes. The structure we have in place at Fife Council for inwards investors with a dedicated 'Invest in Fife' officer and faster planning approvals means that we can bring people together and break down barriers to make investment a smoother and quicker process".



Here is a picture of the first ever valve to be tested at the Glenrothes facility.



## Score Europe Machine Shop Continue Investment

In response to an increased demand for their services, both inside and outside Score Group, the Score (Europe) Machine Shop at Wellbank, Peterhead, has recently taken delivery of two, state-of-the-art pieces of engineering equipment.

The first was a portable Faro Gage. This co-ordinate measuring machine is able to inspect and measure multiple valve components and assemblies in 3 dimensions with a high degree of accuracy and offers reduced inspection times associated with easy set-up and calibration and improved consistency. The flexible arm with needle probe provides multidimensional measurements to pre-determined tolerance requirements, and also records and displays data and generates reports automatically via a computer link.

The advantages this versatile tool gives to the Machine Shop, in terms of increased efficiency, are huge. Instead of several tools being required for different manual measuring operations, the entire inspection and measurement of individual

components can be achieved by the Faro gage without the need to strip down and then rebuild the whole assembly. Also, and equally importantly, the computer-generated print-outs provide accurate documentary proof of the dimensional specifications of each component when it leaves the Score (Europe) Machine Shop, an essential piece of information which may be required in the event of subsequent queries.

Early in June a Hartford CNC Machining Centre was delivered and within 3 days was fully operational in the milling and drilling operations for which it is required. The use of modern CNC technology is becoming increasingly important at Score (Europe) as we undertake more large-scale projects.

With its 6000rpm high-power spindle, combined with a 2000mm X 920mm table capable of accommodating components up to 3000kg in weight, this heavy-duty machining centre will allow the Machine Shop technicians to work on larger components such as valve

adaptors and bodies. It will also be able to mill and drill exotic, hard-wearing valve materials such as Inconel 718 more quickly and efficiently. Another important feature is the FANUC Control System which is similar to the systems on our existing CNC machines, thus allowing existing programmes from our HAAS machines to be transferred.

With this important new machine now helping to further increase Score Europe's capacity for undertaking machining tasks, turnaround times for many orders are now even more rapid. In the highly competitive energy industries, such an increase in workplace efficiency will allow Score to offer a greater service capability for new and existing customers.

As well as the alteration in layout required as a consequence of the arrival of the large Hartford machine, visitors to the Machine Shop will also notice a new, recently completed Training Area. This area incorporates many of the same types of machine as in the main Machine Shop, but on a smaller scale.

These machines include two DSG lathes, a surface grinder, milling machine, slotting machine, radial drill and a Webster & Bennett vertical borer. They are ideal for technicians, particularly apprentices, to use for practising and perfecting techniques and for familiarising themselves with the machines and all aspects of their safe and efficient operation. Due to its location adjacent to the main work areas, advice and instruction is always available from trained and experienced staff working nearby.

A classroom at the far end of the training area has been set up and equipped for use by Machine Shop personnel. Uses will include VITAL training and meetings/seminars/discussions.

In conclusion, it's been an important and eventful recent few months at the Machine Shop as it takes steps in further increasing Score Europe's contribution to engineering services for the oil, gas and energy industries worldwide.

## Score TransCanada at Kearl Lake Oil Sands Project

It has now been a year to date since Score TransCanada was initially approached by the original EPC at site to provide re-certification of all PSV located at the Kearl Lake Oil Sands Project which is 43 miles north of Fort Mac Murray, Alberta Canada.

During that time Score TransCanada has since worked with 5 various EPC assisted the end user (Imperial Oil Ltd) with commissioning support. Throughout that period Score TransCanada has provided resources on 14 day rotations and have recertified in the region of 800 PSVs in accordance with stringent provincial legislation during which time our commitment to safety has led to a successful campaign

with zero incidents and numerous commendations from all involved EPC,s.

In brief the Kearl Lake Project is one of the largest and highest quality oil sands deposits in Canada and is jointly owned between Imperial Oil Ltd (operator) and Exxon Mobil. On completion it is projected to be one of Canada's largest open pit mines with 4.6 billion barrels of recoverable bitumen with a field life projected at 40 years.

Initial development will start up at around 110,000 bpd and regulative approval has been already been provided for up to 345,00 barrels a day of production with production peaking at 600,000 barrels per day by about 2020.



## Score Trinidad Continued Service & Support

On 24th May, a client requested a crew from Score to support in the isolation of a well header valve on an installation. This emergent work arose as a result of a stuck erosion probe in the well flow line. The crew was requested to assist in the isolation of 04 well & header valves. This request involved the engagement of a subcontractor to assist in the calibration of the choke, for which the response and support was prompt. Despite inclement weather, which affected logistics, technicians (Richard Chew & Zia Jan) were mobilised. The client assisted with the mobilisation of the Score tool box in order to provide the techs with the required tools and equipment. Through the co-operation and support of all stakeholders, the job was successfully completed after a 9 hours outage versus the 14 hours loss production forecasted.

Score also took this opportunity to maximise on other work required on the platform (service well control choke), demonstrating a commitment to cost-savings and optimal service to the client which was well received.

### New Repsol Asset

A whirlwind of opportunities have been provided to us at Score since we began working with Repsol, after the formation of our 'valve maintenance contract' on the 12th December, 2012. We have gained positive experiences that have enabled us to grow as a company in keeping with industry trends and growth. Thus far we

have embraced every experience as one that will foster creativity in executing the requirements of this contract, and in the same breath, fulfilling company expectations on both spectrums as broad as they may seem. In keeping with business as a general rule, as well as with forging any new relationship, we always encounter those hiccups that arise at the most inopportune times. Luckily for us at Score, we've gained more than we've lost with those challenges. Overcoming those challenges might not have been easy, but with patience, understanding and an immense amount of attention to our client's needs, it can be said that we have quite surpassed even our own expectations. As a company, we have learnt from the mistakes made and have made the necessary changes to adapt in such a fast paced business. Our clients have welcomed us with open arms and have spent the time necessary investing into our business relationship only to encourage positive growth on both paths and to enable each other to realise the expectations required to make this venture successful, and one of longevity. Repsol's feedback on our performance thus far is good, most times excellent and we have been congratulated on such occasions! We are grateful to have made a positive impact to start off this contract and can only strive to continue on this path of success and maintain this positive feedback and valued encouragement given to us.

## Score Brisbane Obtain LRQA Approval

Score (Brisbane) Pty Limited is delighted to announce that it has successfully obtained LRQA (Lloyd's Register Quality Assurance) approval of the ISO 9001:2008 Quality Management System Standard. This QMS is applicable to procurement and distribution of valves, actuators and ancillary equipment for the Oil & Gas, Petrochemical, Wellhead, Utilities and Marine industries.

Score Group's Australian operation in Brisbane is now seeing some major success with many new opportunities on the horizon allowing for expansion. The gaining of this certificate is a major step accomplished in the long term plans for the company.

Faro Gage





## Score A/S Streamline Operations

Running an operation in a very high cost country, Score A/S identified a while back that we needed a new 'tool' to further streamline operations, increase efficiency and maximize profitability. A process was started, and we were presented to a company and a Norwegian developed IT system, which seemed to be both a perfect match for our needs, and something which would be an excellent tool in our strive continual improvement, and further ensure we are ahead of competition. The base system was presented to the Group directors and IT, and about a year ago we were given the approval to run a pilot project for this new IT system, and proceed with developing and fully customize this to suit our exact needs and operation.

everything from projects(jobs) and tasks, production control order management, processes and information flow, customers and contacts, staff and competence, inventory and orders, documents and manuals, HSE and quality, reports and KPI's, and much more. IQS is built on Microsoft technology, and can integrate with most other Microsoft products, which means we can use and integrate already existing tools and databases, and control it by using one tool, (IQS).

Our initial task was not to take on-board all above features, but rather get control over what we refer to as 'low hanging fruits'. For us that was to streamline operation, increase efficiency and maximize profitability by:

- Improved production control and job information flow.
- Get away with various 'helping tools', 'various spread sheets' and have a more modern working tool to ensure we only do the job once.
- Integrate our new operation in Sandnessjøen to our existing operation in Stavanger and

ensure full transparency, reinforce and streamline our processes and information flow, and improve our local document and HSEQ Management.

Of course getting a new tool like this, seemed like an easy thing to take on-board and run out – however, when we started working on this, we soon realised that there is no such thing as easy. We are running a highly specialised company, with highly specialised processes – and it has to be the way we want it. This started what has been about a year of customising, trials, testing, changing processes, re-programming and adjusting to get this system where we want it.

After having worked through a lot of challenges, we finally had a 'Scorified' system ready to present to IT Management in Peterhead, and in late April we came over to present our new development.

Even through the system is still in 'phase 1' and we still can take this a long way, what was presented was well received. Comments and concerns raised

were noted, and are still being worked on and ironed out.

Some training material, manuals etc and the final polish is all that is remaining when we read June 2013 on our calendar. We are now wrapping up a very hectic month with the annual TAR's for our clients. Once our offshore intallatations from Norway are back up and running in July, we are going live with 'Phase 1' of the Score I-Qubes system. We believe this will bring major improvements to our Norwegian operations, and fingers crossed our pilot project will be a success that also in time may benefit other Score locations.

Special thanks to Frode Medhus, Geir Olav Kraft, Erik Madland, Stian Kvaal, Dag Meling, Anita Voll and the Score A/S team that have helped us to make this possible

Wish us luck!!!!

## Sandnessjøen Development

Score A/S has reached several milestones over the last few months, with our most recent development in the north of Norway, namely Sandnessjøen. A full Score team is now coming together, and the local activity level is rising. The development of our new branch further north, has been on-going for the last year, and multiple challenges on our way to a fully operational valve centre have been conquered. The current operation is taking place out of a temporary workshop/office facility at Horvnes and it has just recently been possible for the company to conduct any major activity from our new place. A milestone was reached in the beginning of April this year, when we conducted our first successful valve test in Sandnessjøen, and we are at this moment awaiting the first major backlog from the FPSO Skarv to be fully executed from our new facilities in Sandnessjøen, and not routed to Stavanger.

Sandnessjøen branch.

The Sandnessjøen branch, has been well supported by Score A/S head-office in Stavanger/Randaberg, and all our new employees have been in Stavanger for training. We are now however coming to a point where we see local business steadily increasing, more local talent coming on-board the Score ship and becoming fully trained in our business – just as we want it.

I would like to take this opportunity to welcome all above to Score and Score A/S, and the new successful branch we are building in Sandnessjøen.

In the beginning of May, another major step ahead was taken, when we signed the contract to start building a brand new, full scaled, purpose built valve service centre facility in Sandnessjøen, a milestone in the history of Score A/S and indeed for our new branch in Sandnessjøen. The development of our Sandnessjøen branch is probably the largest investment in Norway to date, and something the company believe in very strongly.

However, when it comes to investments, our most important one is in our people, and over the last year and months a new team have been put in place to run and operate our



The Score AIMS program is targeting HSEQ and efficiency improvements and particularly teams working together to make these improvements, taking them from ideas or suggestions right through to implementation. Improvements made by teams are the most successful because the success of team initiatives is shared and typically addresses real needs with workable solutions. The AIMS introduction in Peterhead placed a lot of emphasis on silent consent because it was a new concept to a lot of people but AIMS is just as much about making efficiency improvements, which in turn improves everyone's working lives. It is well established that efficiency changes don't just increase productivity but also have a positive effect on our mindset at work and ultimately our work-life balance.

To promote team improvement initiatives, we have set up the Score AIMS Awards which are now being trialled within Score Europe in Peterhead. Departmental Team Leaders are being asked on a monthly basis whether there have been any improvement initiatives within their department which have brought HSEQ or efficiency benefits. If there have been any improvements then these are then documented on a report form and submitted as an entry to the AIMS Awards.

Our first set of AIMS Awards has generated five entries which wholly capture the spirit of AIMS and include improvements which are going to impact on environmental goals, safety, efficiency and cost.

Each month the entries will be reviewed and scored based on a scoring matrix. Scoring is weighted in favour of improvements which are unique, have been implemented and proven to work and have been borne out of proactive thinking. The team(s) scoring highest will receive a team reward to be used by them as a group to do something socially or to donate to charity.

One of the winning teams from the first round of entries was submitted by the NDE team at Glenugie who took action to resolve a problem affecting the company in terms of cost and efficiency. All high pressure gauges and chart recorders were having to be shipped off site for calibration due to the

limitations of the chart recorders in-house. This was causing equipment downtime and excessive cost, increasing annually as the equipment inventory grows. The NDE team acquired a high pressure deadweight tester which was overhauled and calibrated enabling them to conduct this testing in-house, massively reducing downtime and reducing costs by over £5k per annum. The reduction on downtime has had a positive effect throughout all of the valve workshops.

Donald Ross, QC Manager said

"It has been extremely encouraging to see both the quality and quantity of submissions from the teams for the inaugural AIMS awards. The NDE team's entry, along with the others we received, are great examples of how our teams can take ownership of an idea and bring it through to completion. I am looking forward to seeing further entries from other teams, across the Score Europe sites, in the coming months"

This Score AIMS initiative is going to be rolled out to include all sites, split into regions. The spirit of teams working together to eliminate problems that they are working with on a daily basis is something which can go a long way to helping us achieve the AIMS objectives.

- Achieving a goal of zero lost time incidents per annum across the group.
- Improving our processes and seeing measurable improvements in efficiency and quality.
- Reducing waste to landfill and increasing energy efficiency.
- Eliminating silent consent.
- Having teams who share, learn and achieve.

## Score Europe Gain Another Award

Score Europe has been announced as Gold Award winner in the 2013 RoSPA Occupational Health & Safety Awards.

with the highest level of award, the gold award after RoSPA made an assessment of the company's health & safety management provisions and past accident and health statistics.

RoSPA (Royal Society for the Prevention of Accidents) is an UK organisation who champion safety in all aspects of life including occupational safety at work. Each year RoSPA award companies for their work on health and safety management, awarding either bronze, silver or gold awards.

Conrad Ritchie Deputy Managing Director said,

"An excellent achievement that clearly displays the high regard we have for the safety and wellbeing of all employees. Very well done to all who made this award a reality."

Score Europe has been awarded



# Latest Apprentice Lecture

## The Importance Of Competency



On 21st June in the Lecture Theatre, about 250 Peterhead-based Score Group apprentices and trainees attended a 3-part presentation on the theme of competency in the workplace.

To introduce the topic and its particular importance to apprentices, Fiona Johnston, Score Apprentice Co-ordinator, described Score's Competency System during her PowerPoint presentation.

A Competency System is an essential tool for ensuring high organisational performance by focussing and reviewing every employee's capability and potential. At Score each employee is issued with a Competency Framework which is specific to their job role. This is linked to their own Competency Booklet, an official and written record of their path towards achieving recognised competency.

Score Competency booklets must be submitted each month to HR for recording on the VITAL system after assessments and 'sign-offs' by team leaders, deputy team leaders or supervisors. Fiona emphasised that it is the individual's own responsibility to make sure that they are getting regular 'sign-offs'. Don't rely on others to do this for you! And remember, at least 3 sign-offs are needed for each approved competency. Competency books must not be signed off by anyone else and are only valid if they include an authorised signature, valid date of assessment and job number, if applicable.

Within Score Group individual assessments are carried out according to set criteria which may include verification of prior training and education, review of previous work undertaken and monitoring, testing and evaluation of knowledge, understanding, skills and abilities. Fiona showed examples of competency frameworks and assessment criteria which apply to apprentices in different Score Group departments, eg Score (Europe) workshops and Score Energy.

She stressed particularly the importance of every apprentice keeping an up-to-date competency book, signed off appropriately. This is important for several reasons including:

- It provides official confirmation that he/she is competent to undertake, without supervision, the work to which they are

July 6th 2013 marks the 25th anniversary of the Piper Alpha disaster in the North Sea. All Score employees over the age of about 35 years will almost certainly know some detail of the incident, and indeed, some of us will feel a close personal affinity to the accident and its aftermath and consequences. Of the 167 men who died as a result of the catastrophic explosions and fires which totally destroyed the oil installation, many were from the north-east of Scotland. Their loss has affected the whole community in a tragic and permanent way.

Although none of the apprentices and trainees present at the lecture were born at the time of the Piper Alpha disaster, the lessons to be learned from it are as relevant today as they were in those dark days of July 1988. Consequently, it was considered appropriate, indeed essential, that a video produced by 'Step Change in Safety' should be made available to energy production and service companies throughout the UK. This film 'Remembering Piper. The Night that Changed the World' gives a graphic and harrowing reconstruction of the Piper Alpha events and their causes and consequences. It was shown to Score's apprentices and trainees as the third and final part of the Apprentice Lecture.

During the 22 minutes of film, which mirrored the time taken for the platform to be completely destroyed in the fires and explosions, the scale of the tragedy was vividly brought home to the hushed audience. Simultaneously details emerged of the catalogues of errors and safety shortcomings which prevailed on Piper Alpha before and during the emergency.

The scale of the tragedy has only emphasised the necessity for the oil and gas industries to do all that it possibly can to minimise the chances of something like Piper Alpha ever happening again. Of the 106 recommendations made by Lord Cullen after his enquiry

assigned.

- It allows Score to monitor and review the team's progress and development.
- It ensures a satisfactory audit relating to the person, organisation, system, process, project or product.
- It enables team leaders, deputy team leaders and supervisors to go into the VITAL system and find out quickly and easily the areas of competency for each employee.
- An official and up-to-date record of competencies will improve future job prospects and opportunities eg. offshore work. Fiona finished off by linking the whole concept of work competency to the over-riding topic of safety in the workplace. Only if employees were officially seen as competent could Score put trust in them to work responsibly and safely.

In the second presentation of the afternoon, Donald Ross, Quality and Continuous Improvement Manager, Score (Europe) Limited carried on the theme of competency in relation to safety in the workplace. With reference to a recent and avoidable incident in which an employee received a hand injury during an operation using lifting gear, Donald stressed the importance of:

- being competent to undertake the task. Refer to your competency framework.
- being aware of risks and hazards. Refer to toolbox talks and VITAL modules.
- knowing what is required. Follow instructions and recognised procedures.

He described once again to his young audience that Score Group have recently introduced their own Score AIMS (Actively Intervening and Managing Safety) set of procedures. This initiative, in conjunction with the Safety Intervention Tool and Cards, is designed to further increase feedback and thus improve safety even further. In particular, it will reduce the chances of 'silent consent' occurring and will therefore play a big part in ensuring that similar accidents do not happen in the future.

into the circumstances of the accident and its causes, all have been implemented by the energy industries or by Government. Many of the recommendations relate to ways of eliminating leaks of hydrocarbons, reducing the risks of rupture in oil or gas risers, and methods of dealing with high-pressure gas fires.

All of these recommendations are worthy contributions to safety, but the main changes have to be in peoples' attitude to safety. Increased productivity is no justification for poor safety. Safety must always be the most important priority. Exactly the same hazards exist now that existed at the time of Piper Alpha. However, we must manage those risks much better, and continually be aware that we still need to keep managing those risks.

To conclude, all three parts of this Apprentice lecture related, one way or another, to competency in the workplace. The incident at Score Europe described by Donald Ross was relatively minor and the Piper Alpha disaster was huge and major. However, the common denominator is the question of competency and the remedy is the same whatever the scale of the operation. If competency is assured at all levels in an organisation efficiency and safety will not be compromised.

In summing up, Leighton Willox, Managing Director of S.T.A.M.P. Limited, re-iterated how we can all learn something from Piper Alpha and play our part in ensuring that safety is always the Number One Priority in all Score operations. The new AIMS initiative and Safety Intervention Tool implemented in a work environment where every Score employee is committed to safety will go some way to realising this aim.

## Score Group Honour George Irvine

Score Group plc has recognised the thirty year contribution of local man George Irvine from Longside by naming its in-house fabrication facility at Wellbank after him. The building - now known as the "The George Irvine Building" - is the home of Score's Facilities and Fabrication team. This is where all of Score's buildings and bespoke test cells are fabricated. Some pieces of equipment see global deployment, the most recent leaving for Brisbane, Australia just this week.

Score Group plc Chairman, Charles Ritchie, said that it was testament to George's hard work and dedication that the Group now has these unique facilities and that is why it was decided to recognise his incredible contribution by giving the building his name.

The official naming ceremony was held at the front of the building and witnessed by a gathering of George's peers. A red Peterhead granite name plaque was unveiled bearing George's name.

Born on 12th November 1943, George Irvine grew up in the New Aberdour area. He worked on the family farm with his grandfather before spending stints as a joiner and working in the machine shop at General Motors (Euclid) then McDermott's before joining Charles at Score UK in June 1985. George has been a key member of the Score team since that time.

Never scared to tackle new challenges, George soon became the company's hands on problem fixer and adapted a unique common sense approach to seemingly impossible tasks. He achieved many successes which were to the great benefit of the company and its customers and helped to further the company's progressive growth strategies.

His unwavering commitment to developing others has brought rewards for both individuals and the company as a whole. Some of the personnel he has mentored and coached over his career have progressed within the Score Group of companies, up to and including Managing Director level, and these individuals remain in close contact.

Always very popular with his colleagues with a level-headed, positive and friendly approach to life, George is looking forward to a long and healthy retirement. He is a dedicated husband, father,



grandfather and friend to many. He enjoys spending time with his wife Irene and their extended family as well as tending to his well-kept garden.

Speaking recently, Chairman Charles Ritchie commented: "This ceremony is recognition of George Irvine's contribution to the Score Group of companies. He has created and led a dedicated team and has helped us to create a unique portfolio of facilities with zero lost time incidents in the process - this is a remarkable achievement. The plaque is in Peterhead granite, a strong, hard and dependable material, these being a few of George's attributes."



Score (Europe) Limited & Score Diagnostics Limited will be exhibiting at Offshore Energy 2013 Amsterdam.

Come and pay us a visit at stand 10.103. For further details email the exhibitionteam@score-group.com for further details.

Stand Number 10.103



## Special Recognition Award for Score Europe from Essar Oil UK

Score (Europe) Limited, Brighthouse facility has received a Stanlow Special Recognition Award from Essar Oil & Gas for the excellent performance in the repairing, modifying and supplying of control valves. The service and support included out of hours operation and supply, specifically over a seven day period involving major modifications on four water injection systems.

Essar Oil UK wrote, "Your commitment and experience on this type of work is exceptional and without doubt your efforts made a significant contribution to the quick turnaround that was required on this occasion".

Score Europe sincerely appreciates this commendation from Essar Oil UK and continues to provide this type of service and support not only in the UK and Europe but also globally through Score Group plc and its many locations worldwide. For more information on service, supply and modification and other support levels that can be provided contact customersupport@score-group.com.

## Score Eastern Canada Introduce MIDAS® Technology to Newfoundland

Score (Eastern Canada) Limited's St John's facility was recently visited by Score Diagnostics to launch the full range of Midas and Valve Diagnostics technologies to the Newfoundland market place. During the week-long visit, workshop training sessions were held with all the technicians as well as sales training for the team in St John's (Andrew Stephen & Mike Browne) and Halifax (Gilbert Whyte).

In addition to this, three lunch and learn presentations were delivered to local new and existing contract customers at a downtown St John's hotel. These presentations were organized by the client focal points Kayla Parsons and Mike Browne to ensure that they were attended by the correct maintenance and operations personnel from these major clients of Score (Eastern Canada) Limited.

All of the presentations were well received and included demonstrations of the MIDAS® Meter and MIDAS® Sensor and a live web link demonstration of V-Map®.

The feedback received each day was great and on the day following the presentations, two separate enquiries were received.

With the workshop team already fully trained on the use of the MIDAS® Meter (see photo) the St John's team were able to immediately confirm dates for offshore work to take place.

Further lunch and learn presentations are being planned over the next few weeks to launch the Midas technology within the rest of the Atlantic provinces of Canada for the Naval, Power and Paper industries, as well as other Oil & Gas customers.

## Cowdenbeath Achievements

Our apprentices have been performing admirably over the last year and we are delighted with the progress they have made.

Four of our first year apprentices have completed their first year (FMMECF1) ahead of schedule. Two of our second years have now completed their NC in Mechanical Engineer and working towards achieving their HNC. In the fourth year of their apprenticeship, three apprentices have passed their HNC in Mechanical Engineering and from our sixth year, we have one apprentice who has completed his six year apprenticeship and is now a fully-fledged Valve Technician. We also have one apprentice who received an SQA award for Commitment and achievements.

Well done to everyone, these are excellent results



## The Scottish IMechE Craft Competition 2013

On the 27th June the annual Scottish IMechE Engineering Craft Competition was held with the top engineering apprentices in Scotland competing for the much coveted titles.

This year the competition, sponsored and organised by Score Group plc, was held in the Adam Smith College in Glenrothes where the competitors and mentors from their training organisations enjoyed a pre-competition supper on the 26th before taking part in the competition on the 27th. This is the second year that the competition has been held in Fife following last year's very successful event at Carnegie College in Dunfermline.

The day of the competition is a great challenge for the competitors who have to undertake practical tests and complete test papers on their chosen disciplines under exam conditions. The competition runs from 8am to 4:30pm and truly stretches the competitors, requiring them to demonstrate a high degree of practical skill and technical knowledge. This year there were 16 competitors for the two titles, each hand-picked by their training organisation as outstanding talents. The competition is restricted to under-19's who are currently in the first year of serving a Modern Apprenticeship in Scotland. This year's competition has attracted competitors from as far afield as DSRL at Dounreay and the

Borders Engineering Training Association in Melrose.

The north-east this year sent a strong contingent of competitors to the competition including two Score Group apprentices from Peterhead Engineers Development Ltd, two competitors from Banff & Buchan College and one competitor from Tullos Training Ltd.

This year for the first time there were two titles up for grabs as the competition was split into two sections allowing mechanical discipline apprentices and electrical/electronic discipline apprentices to compete for separate titles.

All of the practical work and test papers are scored by the training staff within the host college before being verified by the IMechE. Once all scoring and verification has been completed the winners will be announced at a prize-giving ceremony in late July.

Whilst the competition was underway the mentors accompanying the competitors were given a guided tour of the fantastic engineering training facilities at the Adam Smith College. This was the first time that the college has hosted the competition and sadly the last time the "Adam Smith" name will be used as the college is to amalgamate with Carnegie College in the coming months as a result of cutbacks and centralisation from the Scottish Government.

Aileen Lamden, Executive Director of Adam Smith College said "Adam Smith college has been delighted to work with Score Group and IMechE to host such an exceptional competition showcasing the talent of engineering apprentices across Scotland. The standard of craft skills on display is a testimony to the modern apprenticeship schemes delivered in partnership between companies and colleges."

Score Group's long-running association with the Engineering Craft Competition continues and the company was particularly happy that the competition could be hosted by Adam Smith College in Glenrothes following the opening of Score Europe's newest facility in the Fife town only last week.

Conrad Ritchie, Deputy Managing Director of Score Europe said "We are delighted to work with Adam Smith College and continue this prestigious competition. The level of ability displayed by these competitors is exemplary and this is testament to the first class training they are receiving from their respective providers. We very much look forward to developing this annual event which clearly demonstrates the commitment of employers to grow and support talent in all areas of Scotland. The opportunities for Modern Engineering Apprentices in the UK and globally are abundant."



Engineering Trainee Competitors



## Services & Innovation Day

AJS/ONEgas held a "Services and Innovation Day" at Great Yarmouth Racecourse on the 18th April. The purpose of the day was to showcase new technologies, innovations and services that contractor's and parent companies can deliver to the AJS/ONEgas business.

The "Services and Innovation Day" was held in an informal atmosphere and was presented in a market stall format where

employees of AJS/ONEgas could walk around, engage and have discussions with whoever is of interest in their area of business. Employees of AJS, AMEC, Stork and Shell from Great Yarmouth, North East of England, Aberdeen and the Netherlands were also in attendance. Our Market Stall showcased the MIDAS® range of products and proved to be one of the most popular stalls throughout the day.

## MIDAS® Meter Debuts in Germany

Following their purchase of a MIDAS® Meter from Score Diagnostics Limited, just prior to Christmas 2012, plant operational personnel and process safety personnel at PCK Refinery came together for a training session on the use of their new equipment and associated software.

Focal point Dr. Axel Zenerino assembled a team of eight to complete the training course on-site, to get their MIDAS® Meter into service and to start the process of in-line condition monitoring of their valve population at the refinery in Schwedt, Germany.

The process plant sits inside the former

East Germany, close to the Polish border and is very well maintained. The operators there are about to commence a major shutdown they have named "Optimix 2013", where they will install some critical new equipment and take the opportunity during the shutdown to maintain existing system components such as valves.

Following completion of the training course, some valves on the flare gas lines were tested with the MIDAS® Meter. The survey results gave a clear indication of where the in-line maintenance activities were required to be focused during the shutdown.



## Score Energy has a successful Power-Gen Europe Exhibition....

The Fuel Systems and Accessories division recently exhibited at Power-Gen Europe, which this year was held in Vienna at the Messe Wien Exhibition and Conference Centre. The show was held over three days and received over 12,000 attendees from 104 countries.

The Score Energy stand attracted a large number of visitors, many of whom presented fresh opportunities to discuss their growing stock management, service exchange and component repair capabilities. Since the exhibition, the customer support team has been in discussions regarding their various OEM approvals including Woodward, Parker Hannifin, TDI, Caldwell and more.

The interest shown at the exhibition demonstrates Score Energy's key position within the aero-derivative industrial gas turbine market where unique OEM approvals allow the division to offer a unique and unrivalled maintenance and management solution to both end users and service providers.

With 84% of attendees rebooking for 2014, the team look forward to the potential of yet another successful show in Cologne, Germany between the 3rd and 5th of June.



**Score Energy Limited**  
Intelligent Gas Turbine Solutions™  
www.score-energy.com



Score **Group plc** will be exhibiting at Offshore Europe 2013.

Come and pay us a visit at stand 1B116. For further details email the exhibitionteam@score-group.com for further details.

Stand Number  
1B116



## Score Training Exhibit at IMechE Bolted Joints Seminar

On Thursday 25th April the Institution of Mechanical Engineers held a seminar at the AECC which looked at the theory behind the use of bolted joints in pressurised systems and the sustainability of their performance over time.

Speakers at the event included directors of various engineering companies and representatives of the University of Strathclyde. Presentations contained guidance on the management of bolted joint integrity.

The event was well attended by around one hundred delegates working at all levels within the major oil and service companies. Amongst these attendees were many graduates seeking to develop their professional knowledge.

Score Training offered an insight into the valve maintenance and graduate training courses which they can provide, from basic awareness courses to in-depth workshop-based training.

The seminar was a great success for all concerned, with IMechE members and affiliates in attendance commenting on the thought provoking presentations and discussions the day had afforded. The event was successful for Score Training and has directly led to training bookings from a number of the engineering graduates and this represents a great opportunity to introduce these graduates to all that Score can provide, early in their careers.

## Customer Highly Impressed During Olympus Marine Engine Test

We are very proud to announce that on Thursday June 6th Score Energy successfully tested its first Rolls Royce Olympus Marine engine. Although Score Energy has tested industrial versions of the Olympus in the past this was the first marine engine. The customer witnessed the test at the Peterhead facility and was very impressed with the service and test results and we hope to carry on with the very good working relationship that has been built up over the last few months. I would just like to say a big thank you to all those involved.

Quote from customer, "We are grateful and pleased with the support provided by Score Energy in solving the discrepancy of our Olympus gas turbine engine. It is our intention to continue working with you and to share our experience with the navies we meet on a regular basis to interchange our gas turbine problems, experiences and solutions gained".



**Score Energy Limited**  
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## Score Trinidad

The Engineering department of the University of the West Indies attended a site visit at the Score Cunupia workshop to meet with us and understand how we operate as a business.

Score Management and HR was made aware of the core areas of teaching in Trinidad for future engineers.



## Score Cowdenbeath

Working with Ray Fernie from the High School, Score is helping to provide school pupils with the skills to write CVs and apply for employment, and present themselves for interview. Six pupils were invited to participate in the workplace and office experience.



## Score Europe Peterhead

On 7th June, ten Mintlaw Academy girls in their fourth year came for a tour of both our Score Europe and Score Energy facilities. They were met by our tour guides at Glenugie and given an insight into the world of engineering. They visited Score Europe's five core departments (CRL, Valve Shop, PSV, Large Valve and Sales Workshop) where the tour guides explained in detail the activities in each department. They saw many different valve types and keenly asked a variety of questions along the way. Then we took them up to Score Energy at Wellbank and the tour guides there showed them the Turbine, NIK, and machine shop departments. After a buffet lunch we let the pupils strip down and rebuild a few of our training valves whilst another group were shown control valve technology. To finish up the tour, they received a short presentation on what we as a company have to offer in regards to apprenticeship

opportunities in a number of disciplines as well as the qualifications and benefits it can bring. At the end of it a number of the pupils asked for application forms.

Feedback from the teachers was excellent. They said that it was an absolutely brilliant and informative tour, one of the best they had been on in their long careers of teaching. They commented that one of the girls who had asked for an application form had never previously even considered engineering as a career. Another excellent result.

Thanks to all who continually support us in these types of tours and visits which help to motivate and encourage the next generation of apprentices.