

# WHAT'S THE SCORE

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Development  
Scotland



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**SUCCESS • COMMITMENT • OWNERSHIP • RESPECT • EXCELLENCE**

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# Score Europe Award Achievement

The SPE (Society of Petroleum Engineers) Aberdeen Offshore Achievement Awards (OAA), were held at the Aberdeen Exhibition & Conference Centre on Thursday 22 March 2018. This is the largest established oil, gas and renewables industry awards for the UK offshore energy sector, covering all aspects from supply to upstream operations and offshore renewables. For over thirty years, the awards have been celebrating and encouraging innovation and collaboration in the oil & gas and renewables industry in the North Sea.

This year, Score (Europe) Limited was delighted to be awarded the Outstanding Skills Development Award. The award was received by Scott Will, Managing Director Score (Europe) Limited and in his acceptance speech he noted that this is the 30th anniversary of the company taking on its first 2 apprentices, both of whom remain with the company in senior roles and also stated that 5 out of the 6 directors of Score Europe began as apprentices within the company.



The award recognises innovation and excellence of a company including efforts to bring new talent into the offshore oil & gas and renewables industries, or to develop existing talent within these industries. These are attributes which Score values on a day-to-day basis through its apprenticeship scheme, not only within Score Europe but throughout the wider Score Group of companies globally. This year alone, Score Group is seeking to employ close on 100 new apprentices, the majority through Score Europe in Peterhead mostly in engineering positions but also including support services. However, in addition to apprentice recruitment, the company invests heavily in training and development throughout its workforce to maintain the high quality level of service it provides to its clients.

It is apt that this award was sponsored by Skills Development Scotland, an organisation Score works closely with through its apprentice training programmes and flagship partnerships with local secondary schools. The company wishes to reiterate its thanks for being awarded this accolade by SPE, along with the sponsors and organisers of the ceremony and would also like to extend its congratulations to all award winners of the event.

Conrad Ritchie Managing Director of Score International said following the ceremony, *"We are delighted to have been bestowed with this award from SPE. Having come up the ranks of the Score apprenticeship myself, I know first-hand the effort put into our apprenticeship programme by all the staff in Score Europe and this is a further acknowledgement of the success that they bring to the company. I would also like to express my grateful thanks to SPE for the award and furthermore provide my commitment to continuing our efforts towards apprenticeships now and in the future"*.

# Gladstone Apprentices

Yesterday marked the beginning of a four-year journey for 10 apprentices at global engineering business Score Group. The students are undertaking a fitting and machining apprenticeship, with the first year of their training to be based at CQUniversity.

CQUniversity fitting and machining teacher Alan Pead said the apprenticeship program is different compared to others.

“This will be done over a 12-month period and they’ll do the bulk of their training during that 12 months with theory and workshop practical,” Mr Pead said.

“It puts them out in the workshop with the basic skills at the end of that 12 months to be able to perform a lot of the work. It will go for four years so it will be like a normal apprenticeship, but they’ll have their training and most of their TAFE work done in that 12 months. This is a different take on what normally happens; they normally have a block release where they learn a small amount of information, then they go off to apply it and then come back and learn something else. When they have that (12-month) experience it will reinforce what they’ve already learnt.”



Mr Pead said Score Group’s commitment to the program was an ambitious one, considering the company won’t get anything out of the apprentices during the first year.

Score Group Gladstone operations manager Michael Stephen was delighted the company could bring the program to Gladstone after having worldwide success with it. “We’ve run this program out of Bundaberg very successfully for three years,” Mr Stephen said.

“It really needed to work for the company for us to move here... we wanted to be here five years ago with what was happening at Curtis and Wiggins Islands. This is the exact same program we carry globally - we’ve got places in 30 different countries... and we run the same program at our Perth facility. At any one time we’ve got about 2000 employees worldwide and 300 of them would be apprentices.

It’s how we’ve managed to grow the company to where it is now - it’s about developing young people into the specialised nature of the business. It’s a large investment; an investment in the guys, in the town and for the company itself. About 70 to 80 per cent of the directors in the company globally are all ex-apprentices so there is that path.”

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# Kirklees College Open Day

At an apprentice careers open day at Kirklees College, arranged through Maze 8, our apprentice ambassadors talked to students giving out information on our Modern Apprenticeship Scheme.

They also did interaction sessions with small groups of students having them work with small valves in a classroom set up. It was a great day and raised our profile and awareness amongst other local businesses.



## Brighouse Apprenticeship Ambassadors

Three Brighouse apprentices attended Communication Skills Training and have become an official Leeds City Region Apprenticeship Ambassadors.

The skills and knowledge gained include:

- Ability to reflect on own experience.
- Confidence in presenting to a target audience.
- Identification of the key responsibilities within the Apprenticeship Ambassador role.



# Score Apprenticeship Information Evening

Score Group plc held its annual Peterhead Apprenticeship Information Evening on 22nd March at its Wellbank complex. This is the 6th successive year Score has held this event and each year more and more people have come along to find out about the apprenticeship opportunities the company provides.

Official opening time was 5:30pm although many people came along early to take full advantage of the event and to get the opportunity to speak to the array of specialists we had manning the stands. Displays included disciplines such as engineering, machining and production, through to marine, subsea, Score Energy and NDT, as well as administration, IT and multimedia. An innovative addition this year was at the IT stand where there was a live weblink to the department's current apprentice who is on secondment at our USA sites. Live from Score Trinidad, he answered any questions related to the IT apprenticeship as well as giving a small tour of the workshops and offices at that location via webcam.



During the evening, there were also guided tours of Score Energy hosted by a few of our senior apprentices, explaining the work practices that take place within the facility and answering any questions asked.

Staff from local secondary schools and Skills Development Scotland were welcomed to the event prior to its opening to allow them time to engage with each of the stands in order that they were fully informed of the various apprenticeship programmes. One of these visitors commented that they hadn't realised the number of different apprenticeships that the company had to offer as well as the extended training and development that takes place within the company.

In total, over 150 people attended during the night, with each prospective apprentice leaving with a pack of information with further information. One visitor when leaving expressed her thanks for the opportunity to come in with her son and added how friendly as well as knowledgeable everyone had made been towards them both and how she could see it was great company to work for.

On the same night as Score Europe was awarded the Outstanding Skills Development accolade, the SPE Aberdeen Offshore Achievement Awards. This continues to demonstrate the unwavering commitment the company has towards providing apprenticeship opportunities.

# Qualtec Opens its Doors

Qualtec Control Limited specialise in the overhaul, repair and refurbishment of Industrial Valves and related ancillary equipment, serving a range of industries including power generation, chemicals and petroleum. Qualtec became part of the Score Group of companies in 2006 and moved to larger premises in January 2007 in Brighouse and have continued to expand.

Qualtec was first established in 1992 with a skilled staff combining many years of previous experience in control valve technology and ancillary instrumentation. Initial activities of the company were primarily limited to the maintenance and reconditioning of valves but continuing development increased technical resources to include extensive redesign and corrective engineering for the resolution of more demanding operational conditions.



Recently, the company has been experiencing exceptional growth and to support this, they recently held an open day at their facilities for invited clients. This was done in a lunch & learn style event where these clients had the opportunity to come along and visit the facility and discuss the services that Qualtec could offer. Many of the clients that came along on the day were unaware of the range of services that could be offered from Qualtec but they also learned of the expanded offerings from Score Group. To demonstrate this, Score Diagnostics, Score Europe and Score Training were also in attendance to discuss some of these additional services from Score Group.

A good turnout of clients took advantage of this opportunity and by the end of the day had a far greater understanding and appreciation of what Qualtec and Score Group could offer. A number of enquiries were generated for Qualtec, Score Europe, Score Diagnostics and Score Training which were followed up after the event.

# Score A/S Open Day

On Thursday 11th January 2018, Score A/S in Stavanger paired up with Score Diagnostics and Score Europe to arrange an open day event for new and existing customers. We in Score A/S opened our doors to showcase working demonstrations of all the latest innovative technologies, products and services from Score Group plc companies.

Visitors to the Score A/S facility were warmly welcomed and given a grand tour of the premises. Over the course of the day various presentations & live demonstrations were delivered, showing an insight to the range of innovative technologies, products and services offered by the Score Group. These included; MIDAS® range of valve diagnostic products and services, DOVE™ Sealant Injection Fitting, Valve Testing, Engineering, Strategies, Maintenance and Control Valve Diagnostics capabilities & services, along with an overview of Score's Supply Chain Management.



All presentations and demonstrations were very well received by our visitors and the feedback both during and after the event has been very positive. Visitors showed a keen interest in how the valve condition and performance monitoring products – which play a key role in Score Group's Intelligent Valve Management™ Strategies – can reduce operators' exposure to risk and maximise safety and operating efficiency on process plants.

Following on from the open day, Score Diagnostics personnel also carried out an enhanced products and benefits familiarisation and training session with an assembled team of Score AS personnel. This session also received very positive feedback from those that attended.

Overall, a very productive and positive experience was had by all and it was a pleasure to meet customers old and new alike. We would like to take this opportunity to thank everyone who attended and helped deliver the presentations and product demonstrations.

# Great Yarmouth Open Day

In 2009, Score (Europe) Limited opened a workshop facility in Lowestoft to support the Southern North Sea. In 2011, the workshop was moved from Lowestoft to Great Yarmouth, about 10 miles north. An open day was held back then which was very well attended by local clients allowing Score (Europe) Limited and other Score UK-based companies to demonstrate its overhaul service provision.

Since then, our Great Yarmouth operation has been fulfilling its remit to supply service to the area, but earlier this year, they decided to repeat the event. The company advertised the event to its local client base and beyond, then with the assistance of some of our Peterhead-based companies, it went ahead in the second half of February 2018.

The full range of services was on-show to a number of customers who came along on the day as well as a full workshop tour. This included a demonstration on the MIDAS<sup>®</sup> range of products, as well as technical valve and maintenance training courses that are available for personnel. A number of meetings with key clients also took place as a result of the event.

A number of relationships were reinforced on the day and some new ones begun.



## PSV Training for PAZ Oil Refinery - Israel

In March Technical Trainer Jack McLean travelled to Israel to spend 3 days at PAZ Oil Refinery alongside Steven Duncan (PSV Deputy Team Leader). During these 3 days Jack and Steven delivered vital PSV training and information to the technicians working at PAZ.

The course also included skills like establishing CDTP (cold differential test pressure) and how to properly lap the disc and nozzle of the PSVs being worked on. It also included specific testing requirements for the PSVs being overhauled at PAZ.

The training involved a day and a half of classroom work with Score Training delivering the Pressure Safety Valve course, with the remainder of the course concentrating on workshop activity.



# Brighouse Open Day

Score in Peterhead over the years has forged close ties with primary and secondary schools in the local area, participating in career days, STEM events (Science Technology, Engineering and Maths), visits and presentations, and other collaborations. This has been highly successful especially when it comes to apprenticeship recruitment for our engineering and administration programmes in addition to supporting and participating in the local communities. This same approach is carried out at Score Europe's Cowdenbeath facility. Late in 2017, it was decided to emulate this at Score Europe's Brighouse. Therefore in early February, a schools open day and apprenticeship information evening was held at the site.

Promotion of the event came in various forms including through media and other advertising channels but by far the greatest method was through building relationships with the local schools and organisations. The catchment area in Brighouse is a vast therefore a great deal of focus had to be maintained in order to reach the correct audience. A few of the senior apprentices at Brighouse supported by management then began visiting the local schools and also participating at career and STEM events. As this was something they had not experienced before, a little apprehension accompanied them to start with but they soon realised it wasn't as daunting as first thought and they pushed ahead with great enthusiasm.



The first event attended was the Spen Valley careers evening only a few miles east of Brighouse. Being new to this, they took the opportunity to engage with other exhibitors and were soon put through their paces answering questions about the Score apprenticeship to some very keen teenagers and their parents. They attended a few other similar events on the lead-up to the open day.

On the actual open day itself, a number of local secondary pupils in groups of 20 or more arrived for pre-arranged timeslots between 9am and 4pm. Different areas were setup and included a Valve Zone, Technology Zone, Pressure Zone, Education & Communication Zone and Review Zone. Each area was headed up by apprentices including a few senior female apprentices from Peterhead to support them, where they explained a service or activity that Score provides but with an educational slant to fit in with STEM learning. Each zone also had a practical exercise not only for the pupils but also the teachers to get involved in. It was a really good day and every school who attended were thrilled with the event and said they would definitely return again if it were to be repeated.

The Information Evening was equally well attended, with over 50 people coming in within the first few minutes of the doors opening. Well over 100 attended during the night asking questions about engineering and also administration opportunities as well as finding out more about the company. A few people mentioned that they had never heard of an event like this before in the area where they were invited to come along and visit, and they thought this was wonderful for the company to do.

All in all, it was a hugely successful day and this engagement with local schools is continuing to put the Score apprenticeship programme at the forefront of opportunities for young people around Brighouse. No plans have been made thus far but we are sure this will become a regular event.

# Introducing Score Arabia Services

Score Europe and AWJ Energy has established a joint venture based in Dammam, Saudi Arabia to bring expert valve capabilities to the local Saudi Arabian market.

Score Arabia Services (SAS) will be offering valves repair, field services, valve diagnostics, testing services and specialist in-house valve training. The recruitment process for local valve technicians, machinists and office staff is now underway. These future employees will join our local administrator and Business Development Manager who joined us in March. SAS is also currently in discussions with local training organisations to employ trainees who will undertake a two year program at college before returning to SAS to complete their training.

A major program has been created by Saudi Aramco called IKTVA (In-Kingdom Total Value Add). This program has been designed to drive domestic value creation and maximise long-term economic growth and diversification to support a rapidly changing Saudi economy. One part of this IKTVA program calls for companies to be 70% localised by the year 2021 and Score Arabia Services are aiming to be compliant before the deadline.

An assortment of machine tools, test bays, blasters, 15t crane has now been installed and commissioned at the newly built 2,000m<sup>2</sup> facility in Dammam. Bespoke offices with training classrooms have also been built and IT systems recently installed.

Exciting times ahead for Score! There are currently opportunities for Senior Valve Technicians and Valve Technicians to join the team here at Score Arabia Services. Please contact HR or Andrew Wood for further information.



# Score Energy Expands Field Services, Technical Capabilities and Generates Jobs For North East



Scotland-based aero-derivative gas turbine company, Score Energy, has expanded its Field Services division, adding an instrumentation and controls department generating a significant number of jobs.

The organisation, which is a subsidiary of Score Group, already has extensive customer demand for technicians and engineers to attend sites globally, carrying out routine inspections and maintenance, providing first hand professional assistance on their aero-derivative and light industrial gas turbines. The division delivers troubleshooting capabilities – mechanical or controls, boroscopic inspections, gas turbine installation and commissioning, onsite repairs, engine removal or re-installation, site assessments and vibration analysis.

This leading gas turbine support firm currently employs more than 140 people across its operations in the UK, Dubai, China, Kuala Lumpur, Indonesia and America. However, with the expansion of our instrumentation and controls department in its Field Services division there have been an additional six jobs created. The experienced recruits are already making a difference to the business as Score continues to deliver high quality customer service to its new and existing clients.

The department offers support to a broad range of common and legacy control systems typically no longer or sparsely supported by the OEM, ensuring our customers gas turbines are kept running and not facing obsolescence and expensive upgrade bills safeguarding the longevity of the equipment and extending life cycles.

Managing Director of Score Energy, Julia Brown, said: “At Score Energy our priority is to always deliver cost effective and time efficient services to all our clients. We have delivered Field Services for several years now, with an unrivalled track record for customer focused solutions, service and satisfaction.

“The expansion of our instrumentation and controls department offers us an opportunity to answer the ongoing demand we have for specific services. We have a world leading reputation for delivering overhaul, repair, upgrade, modification, testing and supply of gas turbines, along with their fuel systems and accessories – and we will continue to build on that reputation as we move forward into 2018.”

Score Energy is an award-winning, global organisation focusing on integrated gas turbine solutions for the oil, gas, and energy industries. The company’s specialist teams work around the clock to deliver exceptional customer service in the overhaul, repair, testing and supply of gas turbines, as well as the manufacture, overhaul, testing, supply and exchange of fuel systems, accessories and auxiliaries, including where required, complete design and manufacture services for obsolete system modules, i.e. fuel, oil and instrumentation.

Its industry leading quality and OEM approved solutions are ready to be called on at a moment’s notice. More than 30-years of experience ensures each project is customer focused, cost effective and delivered on time.

# New Score Asia Workshop

Metro Quest is the Petronas License company operating in Malaysia and is part of the Score Group supported directly by Score Asia Sdn Bhd. A steady growth in both valve supply and service has resulted in a relocation to larger workshop, allowing for in-house activities to be developed while also providing additional floor space to accommodate the growing business.

Our old facility was 2000 sq/ft while our new unit is 7800 sq/ft and opened in February 2018 in KSB. KSB is a supply base located on the east coast of Peninsular Malaysia and is of strategic importance allowing Metro Quest to engage with the some of the world's biggest end users.



# Score Brisbane Opens New Facility in Chinchilla

Score (Brisbane) Pty Limited celebrated another milestone on the 16th of January 2018 by opening its second workshop based in Chinchilla, Queensland. The new workshop will provide additional services and support to LNG Upstream Operations that are prominent in the Surat Basin Region.

Special guests invited to the event included representatives from QGC, Santos and Origin. The Opening Day provided a great opportunity for the company to showcase its Total Valve Management capabilities and focus on ways to strengthen new and existing partnerships.

Positive feedback was received by all in attendance as the company looks forward to increasing local business and employment opportunities.



# Hycrome High Temperature Spray Booth

During December 2017 Hycrome installed a state of the art 'High Temperature Spray Booth' which allows the components to be sprayed and stoved in the same working area up to a maximum temperature of 125 +/- 5 degrees. The spray booth meets Nadcap and AMS2750 requirements and allows Hycrome to process parts for the major aerospace OEMs including Airbus, Bombardier, Rolls Royce, SAFRAN and BAE Systems. Critical working dimensions are a stoving area of 3.5m x 3.5m x 3.5m which is controlled by a bespoke PLC system and incorporates electronic data logging to record temperature, humidity and cycle outputs in addition to a standalone temperature control for increased safety.



The spray booth incorporates variable speed drives and a custom made Quality Air Drying System which offers a 70% saving in energy cost over conventional equipment. The booth draws in clean air from outside and passes through a filter to give optimum clean air eliminating the chance of contamination and allowing 100% quality conformance of the product processed.

Safety is a key feature and the booth is fitted with an air purge system that clears the working area of all contaminants within 90 seconds and has 'easy to reach' internal door releases along with 'Atex' approved sensors and electronic equipment.

## Girls In Energy

As part of our ongoing drive to inspire more girls into engineering, we welcomed 22 girls from Turriff Academy on 7th March and 14 girls from Peterhead Academy on the 19th March to our Score Energy building. These girls are all on the 'Girls into Engineering' course run by NESCOL (North East Scotland College, Fraserburgh) and a part of this programme is for them to visit an engineering company to give them a clear insight into the business.

On arrival the girls were given a presentation on the many opportunities available within our apprenticeship programme.

Two current female apprentices then presented their 'From School to Score Journey' and many questions followed.

The girls then enjoyed a tour of our Energy building which they found very interesting. On leaving, a number of them agreed that they did not realise how much different areas there was in engineering and what a worthwhile career it is.



# Safety Valve Division Relocation

Having outgrown its old home and in order to support over 20 contract clients (70 plus assets) and house over 70 staff the PSV department has relocated from its existing base at Glenugie into Shed 4 within the Wellbank complex in Peterhead. With the help and assistance of all the staff, the move was carried out within 5 days with the minimum of fuss. The workshop area is around 3 times the size of the previous workshop and the storage areas have also increased greatly. Testing facilities have been increased from 6 to 9 test cells, greatly reducing any downtime. There is an existing machine shop within the workshop and department is currently in the process of setting up its own blasting/painting facilities.



Additional personnel have already joined the team in all areas and it is currently recruiting in order to cope with the increased workload from both contract and non-contract standpoint. Additional workshop test equipment such as a specific low pressure/vacuum test rig and digital recorder gauges has been sourced and the offshore/site PSV electronic QA card is the final stages of development which will greatly enhance current service to clients.

Office space has also increased, with the planning team all now situated with the repairs and admin teams together in one area. The QA team are also in a new purpose built office overlooking the workshop. The process of taking on the complete Receipts and Goods In processes is ongoing and should be up and running in the near future.

With all these facilities and personnel in place the Safety Valve Division is well on its way to becoming self-sufficient with all work contained in the one area. This will help streamline the business and provide far greater support to its existing and future client base.

# Dow Chemical Company Reliability Summit

Score Valve Services (SVS) was invited to present the capabilities of MIDAS Meter® Technology for Flare Line Loss Reduction, at the 2018 Dow Chemical Company's (DCC) Reliability Summit, following successful surveys work which had previously been completed at their Freeport and St. Charles Sites. The technology had identified almost \$½ Million savings, after just a few days of survey work performed by a Score Valve Services (SVS) Certified Technician.

SVS was the only obvious vendor presenting at this 540 attendee conference - this was very much a DCC best practice / experience sharing event, so our in-company champion at DCC had done a great job getting us a presentation slot. The presentation was very well received and a good question and answer session highlighted a good level of interest.



Outside the conference, a MIDAS Meter® desktop exhibition was set up and manned by Jamie Buchan, to support the presentation. Around 25 other vendors also exhibited their products and services to the conference delegates in this area. A further social evening took place where vendors could again desktop present their products and services in a more relaxed social networking environment.

A large number of opportunities were identified and a lot of follow-up action is required both inside and outside of the domestic USA market, as we continue to support this customer globally. Leads included direct sales opportunities, requests for site presentations / demonstrations and requests for further information and follow-up.

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## Russian Market Certification for MIDAS Meter® + New Russian Trainer

Score Diagnostics, working closely with its Russian Partner company Energomash has acquired formal "Customs Union" Certification for MIDAS Meter® in the Russian Market. All MIDAS Meters® supplied into the Russian Market moving forward shall be marked with the "EAC" Compliance logo, in recognition of this approval.

In order to meet local customers' MIDAS Meter® training needs in the Russian marketplace, Energomash Services Director Sergey Kireev completed the Certified MIDAS Meter® Trainer Training programme in Peterhead, during April 2018.

This training and certification process will allow him to proceed to translate our training course materials into Russian language and support our local customers' training needs moving forward.

Sergey is pictured at the Forth Bridges, which he visited on his recent training trip.



# MIDAS Meter® finally deployed at Total / Pertamina, Senipah

Following over three years of engagement with their operations and maintenance personnel, Total / Pertamina have finally adopted the MIDAS Meter® as their preferred valve condition monitoring equipment / solution at their remote Senipah site (located around three hours North of Balikpapan, by road).

The purchase of two MIDAS Meter® kits has been followed up with 4 days of site-based training for 12 of their maintenance team members, who are all now appropriately certified as survey technicians.

During the training course, delegates were delighted to be able to immediately use the MIDAS Meter® to find and quantify a leak rate in a ball valve which had been set up in their flow meter calibration loop, for the purposes of training. Furthermore, they were excited by the accuracy of the results they were able to report (which exactly correlated to the leak rate measured and reported by a calibrated flow meter, which was also installed in the downstream pipework).



This new equipment and capability now allows Pertamina to move their valve maintenance management activities away from their inefficient and ineffective calendar-based approach and onto a more condition / value-based approach to help reduce costs and maximise reliability and uptime.

## Gassco Standardises on MIDAS Meter® Technology for Annual Valve Testing

Having now purchased a total of three complete survey kits across their 4 sites, Gassco have standardised their annual critical valve integrity testing programme on the AE seat test method, delivered by MIDAS Meter®.

Ormen Lange in Norway, Zeepipe Terminal in Zeebrugge, Dunkirk Terminal in Belgium and Easington Terminal in England are all now benefiting from the non-invasive MIDAS Meter® test method, which speeds up their annual integrity testing programme (thus reducing testing period downtime, which carries a price tag of around £3m per day).

The implementation of our technology has been championed by the senior management of the organisation and has been widely welcomed at each of the sites. The next set of testing is due at the end of May and all stakeholders are anticipating another positive outcome.

## 4C Conference Paper & Exhibition

Doug Pursley and Phillip Anderson of Score Valve Services (SVS), took the MIDAS Meter® Demo kit to show at the recent 4C Conference in San Antonio.

This conference and exhibition is attended by professionals in America who are focused on the reduction of fugitive emissions, flare emissions and general HSE arrangements around process fluid escapes to atmosphere on mainly oil & gas refining / petrochemical sites.

At the conference, our presentation on “LDAR 2.0” (Leak Detection and Repair), proposed a step-change in the approach to valve maintenance and emissions reductions. The basis of the proposal was primarily focused on the output evidence provided by Score Diagnostics’ valve condition and performance monitoring tools and the message was very well received.

A SVS customer’s case study on loss identification / reduction, using MIDAS Meter® to survey valves at a power plant in Hawaii, also attracted a lot of interest from this highly focused target audience. A number of new sales leads were generated and the top team at SVS are following up on these to convert to sales.

# The Score Team - Score Valve Services Inc.

Score Group plc has many strengths. We have over 35 years of knowledge and experience in our chosen fields of operation, global presence providing local service, our values and safety regime, through to our apprenticeship programmes, to name but a few.

One of our strengths is our ability to distribute personnel from any Score location in the world, who are trained and qualified, to hit the ground running as soon as they walk off the jetway. Depending on their apprenticeship expertise: valves, actuation, machining, welding, design of mounting hardware, engineering, inspection, or testing, these folks are always “best in class” in knowledge and experience. Such has been the experience and privilege of SVS in Houston, Texas.



SVS has been engaged in a number of projects recently. We recently shipped a large capital joint venture project of highly instrumented, automated on-off valves to be installed offshore off Brazil. Another even larger offshore automated valve project is currently in our workshop for final assembly, function testing under pressure, and inspection. This one is destined for offshore/onshore Israel. The valves are large in size and high pressure, and the actuators even larger, being pneumatic, electric, hydraulic, and also electro-hydraulic. These are some of the largest assemblies we have seen in our Score workshops.

In addition, SVS has been the recipient of a new BHP Gulf of Mexico Total Valve Management contract. With such contracts, the client challenges Score Group to deliver on its promises. Our knowledge, experience, quick response, sage advice, and of course correctly repaired equipment, grows the scope of these contracts over time. But it takes many people. This is where our combined efforts as a group give us the advantage, especially in Houston, Texas. Over the months, SVS has welcomed valve mechanics and QA representation from Score Trinidad & Tobago, machining and welding experts from Peterhead, an automation expert from Score VAC, technicians and engineers from Canada and the UK, and experts in the Midas Meter product.

Score Valve Services in Houston is continuing to grow the local skill-base. This includes developing and recruiting apprentices locally in the same way as our other Score Group partners and this will not only strengthen us locally but will give us the ability to reciprocate this service and assistance which has been provided to us.



# GE Aviation Thermal Coating Approval

Over the last 18 months Hycrome have been working to achieve the stringent requirements for GE, DF (thermal coating) and AJ (Metallographic interpretation and assessment), this enables the Score Group to ensure the coating of the new manufacture products for Advanced Atomization Technologies (AAT) is provided internally by the group.

Thermal spraying is an industrial coating process that consists of a heat source (flame or other) and a coating material in a powder or wire form which is melted or semi melted into tiny droplets and sprayed onto surfaces at high velocity. This "spray" process is known by many names including Plasma Spray, HVOF, Arc Spray, Flame Spray and Metalizing.

Thermal Spray is a versatile process, for example a single HVOF thermal spray setup may replace many wet process tanks such as Hard Chrome Plate (HCP), nickel plating and copper plating to name a few, not only this the effectiveness is increased and process time is reduced and coating quality improved, exhibiting excellent bond strengths and very dense coatings.

## Score Energy's Latest Quality Standard

Scotland-based gas turbine support company, Score Energy, has successfully transitioned to the latest revision of a globally recognised aerospace standard, meaning it can continue serving the aviation, space and defence sectors with the latest approvals.

The aerospace management systems standard of excellence (AS9100:2015/AS9100 revision D) shows new and existing clients that Score Energy is operating at the highest of standards. The certification, is awarded by Lloyds Register to organisations which meet its demanding requirements.

The Peterhead-based company, which employs more than 140 people globally, has demonstrated high quality management systems, a dedication to leadership and commitment to customers, in order to retain the new certification.

Gordon Stewart (QHSE Manager) of Score Energy said: "This new certification is recognition of the continuing hard work and dedication our teams of professionals put into servicing our existing clients. We pride ourselves on our ability to deliver excellent customer service alongside delivering exceptional projects which are delivered on time, in a cost-effective manner, anywhere in the world.



### Certificate of Approval

This is to certify that the Management System of:

**Score Energy Limited**

Ian M. Cheyne Building, Glen Test Facility, Wellbank, Peterhead, AB42 3GL, United Kingdom

has been approved by LRQA to the following standards:

AS 9100D (technically equivalent to prEN 9100:2016 and JISQ 9100 – 2016) |  
ISO 9001:2015

This certification has been performed in accordance with the requirements of EN 9104-001:2013

Certification Structure – Single Site

David Derrick - Area Operations Manager UK & Ireland

Issued By: Lloyd's Register Quality Assurance Limited

Issue Date: 28 January 2016

Re-Issue Date: 23 February 2018

Expiry Date: 27 January 2019

Certificate Identity Number: 10060624

Original Approvals:

AS 9100 28 January 2016

ISO 9001 28 January 2016

Approval Number(s): AS 9100 – 00007450 / ISO 9001 – 00007450-001

The scope of this approval is applicable to:

Design, manufacture, upgrade, assembly, test and through life support of gas turbine bleed air valves.  
Design and manufacture of test rigs for gas turbine fuel systems and accessories.



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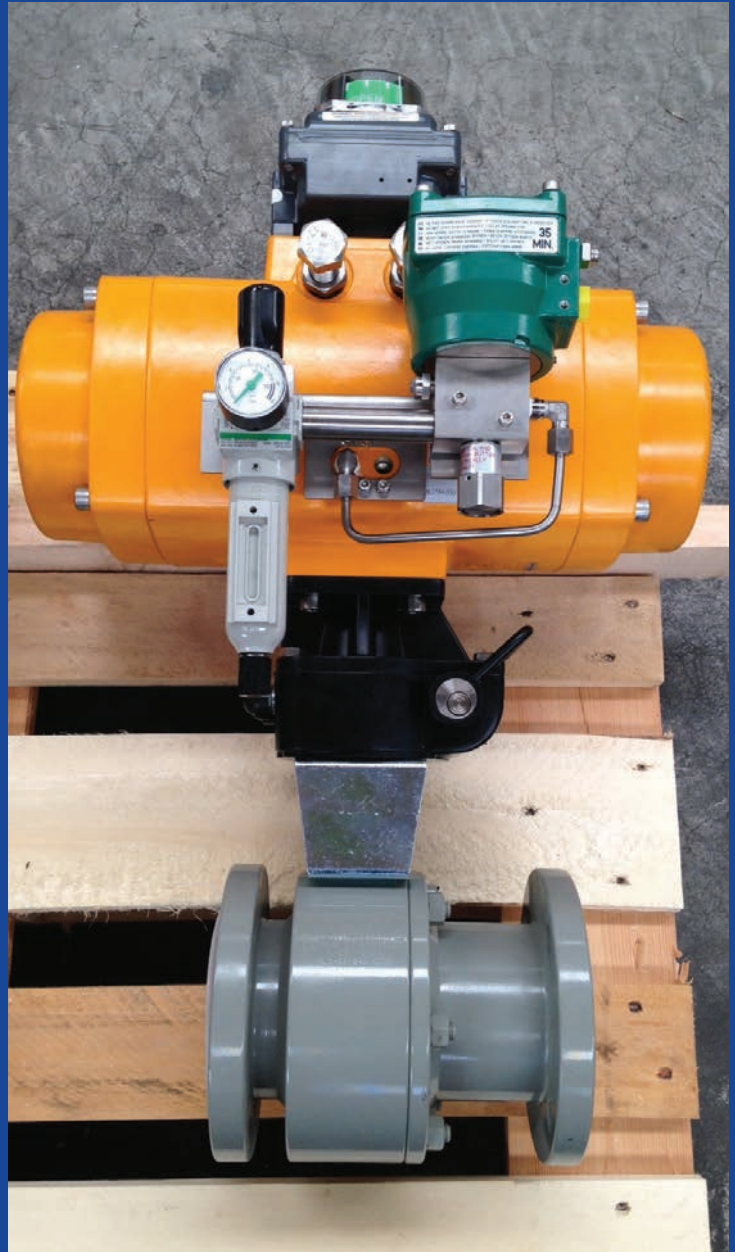
# Score Italy Formal Emerson Distributor

Following the distribution agreement signed with Emerson in January 2017, Score Italy is now formal distributor of their products in Italy and Israel for brands Elomatic, Hytork and Bettis. This has generated a stock purchase of about 250 off Elomatic rack and pinion actuators, Topworx limit switches and Control Panel preassembled units.

Thanks also to the support of Score VAC, we are developing in Italy a complementary expertise which will be focused on pneumatic rack and pinion actuators suitable for small size valves and is capable of delivering a full assembly within 2 weeks if from stock, or 6-8 weeks if customized to client needs. These assemblies are suited to onshore applications especially downstream like refineries, power plants and chemical plants. The whole concept has been developed with a clear focus on cost with an ambitious goal of becoming a market leading reference for quality at competitive price.

We are still learning every day but the results so far are promising and our main client, ENI, seems to be very satisfied with the product and with the price so that we have received several nice orders. The picture on the right shows an assembly recently completed with all standardized stock components.

For any additional information, please contact Score Italy Commercial Manager: Paolo Buono



## Score A/S AkerBP Contract

Score A/S has recently agreed a contract with AkerBP which was signed by Eldar Larsen, who is AkerBP VP for operations.

Elder stated that AkerBP is very different to BP and much more progressive and flexible. He promoted the strategy AkerBP is running to build partnerships with their suppliers. They are very proactive on the Norwegian Continental shelf with several new projects ongoing and they have the capital to make this possible. They are at the forefront of the digitalization process and this is being implemented for all their assets. To be able to do this they also require us to be their partner and challenge them and assist them to improve processes and avoid double/manual work. They want us to be proactive, drive change and tell them when they are in the wrong track as they will also challenge us so we get a good team work together to reach the best solutions.

As for the digitalization process, they have already started and have asked us to be involved in this process. The first meeting has already taken place with AkerBP keen to learn from our expertise with valve strategies and improvements of the PSV process.

# Maths Club

During the second week of the school Easter Holidays Score held a Maths Club aimed at fourth year pupils who were interested in engineering. The club was well attended and all 12 free spaces were filled by pupils from local secondary schools.

Ian Barbour of Score Training, who said *"It was a pleasure to work with such an attentive, committed and well behaved group of young people, a good number of whom have already applied for a Score engineering apprenticeship"* was supported by Score's STEM Ambassadors who spent the week teaching the students how to put into practice the skills taught in school into everyday working life. Feedback from the students was very positive and as Ian Barbour (or was it Plato?) said *"he who can properly define and divide is to be considered a god"*



## National Apprentice Week



During the UK's National Apprentice week in March, Score Energy's Senior Mechanical Engineering Apprentice represented Score at the Regional Apprenticeship Summit.

The event was held at Ellon Academy and a lot of interest shown by the pupils, with some displaying potential to become stars of the future within Score Group.