

WHAT'S THE SCORE

www.score-group.com

October 2017



On Thursday 5th October, Score Group plc attended the prestigious Northern Star Business Awards, hosted by Aberdeen & Grampian Chamber of Commerce at Aberdeen Exhibition and Conference Centre. The event was attended by over 600 people from businesses in and around Aberdeen and was compered by BBC TV's Fiona Stalker.

The evening was filled with pride and tinged with sadness as Conrad Ritchie accepted the Lifetime Achievement Accolade, awarded to Charles Ritchie in recognition of his outstanding, ongoing commitment and achievement as founder of the Score Group of companies. Before the award was presented, a short video was shown giving a brief insight into Charles' life and featured Peter Chapman MSP and also Rodger Morrison, Chairman of Peterhead Football Club, both good friends of Charles. In Conrad's acceptance speech, he paid tribute to his father saying "He would thank the people that helped him on his journey, he would thank the team".

SUCCESS ● COMMITMENT ● OWNERSHIP ● RESPECT ● EXCELLENCE

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A huge thank you to
those who donated
blood in September.
There were 80
attendees and 76
donations given.

Score Group Celebrates 35th Anniversary



This year, Score Group celebrates its 35th anniversary. From humble beginnings back in August of 1982, to an international organisation employing over 1700 people including an apprenticeship scheme that is as strong and important today as it was when it started back in 1988. However, in this landmark year that has been memorable for so many reasons, rather than look back, we look forward to what the future will bring in terms of innovation, service enhancements, emerging markets, diversification, together with continuous improvement in quality and safety.

It is with sadness that in this anniversary year we celebrate without our founder Charles B Ritchie but he would have been the first to raise a glass at this achievement. He would also have placed much of the success at the feet of the younger generation which he fervently encouraged at each and every opportunity.

We conclude by thanking everyone for their continual efforts and wish everyone a fruitful 2017-18.



From small seeds great things grow – The tribute to Charles in the Wellbank lecture theatre catches the eyes of our Vital Sparks Nursery

Score Peterhead Graduations 2017

On Saturday 30th September Score Group plc was delighted to be part of the North East Scotland College (Fraserburgh Campus) Graduation ceremony. Over the last few years the number of awards received by Score's apprentices at this ceremony has been quite high mainly due to the commitment the company has continued to place on providing engineering apprenticeships, and this year was no different. In total 41 Higher National Certificates and 6 Higher National Diplomas were presented to Score's employees.

In front of a packed auditorium, a warm welcome was given by the college board before each graduate was individually presented with their awards. As has now become commonplace, a few Score sponsored awards were presented to outstanding students, and these this year were presented by James Geddes, Score Europe's Commercial Director.



Conrad Ritchie, Managing Director Score International,
Dave Anderson, Sales & Marketing Director Score Diagnostics (left),
James Geddes, Commercial Director Score Europe (right)

It was a very proud day for Score seeing these young men and women reaching another milestone in their career and we hope that they go on to achieve ever greater awards in their future.

It was however a double celebration this year. Following on from the awards, a further award was presented by Ms Liz McIntyre, Principal and Chief Executive. The award was an Honorary Fellowship presented to Conrad Ritchie, now Managing Director of Score International Limited, for his valued commitment to the college over the years. In his address, Conrad humbly thanked the college and stated that it was an honour to receive such an award. He remarked that the college has served Fraserburgh and district for so many years, including himself, and also paid tribute to the founding members of the college. He continued by congratulating the HNC and HND graduates providing some encouragement saying this is not the end of the journey but merely the start of being all you can be in life.

Ms Liz McIntyre then gave a final address of congratulations to the graduates and assembled audience before concluding the ceremony.

We would like to congratulate all graduates, and of course Conrad, for the awards they received and trust they then went on to celebrate their achievements with family and friends.



HNC Graduates pictured with (L-R) Ian Barbour, Gordon Milne, James Geddes, Dave Anderson, Ian Cheyne and Conrad Ritchie



HND Graduates pictured with Score representatives

Craft Competition Success for Score Apprentice

Score Group plc and training partner Peterhead Engineers Development Limited enjoyed more success at the Scottish Engineering Apprentice Craft Competition award ceremony held at Peterhead Engineering Development Limited's training centre on Thursday 28th September.

The annual competition which is sponsored by Score Group plc and was this year supported by Developing the Young Workforce(DYW) North-East, was held in June at Tullos Training and saw competitors from across Scotland competing in the two categories for electrical and mechanical engineering. The competition takes place over one day and the entrants, who are all second year apprentices, are set the challenging task of completing two practical skills tests and two written exam papers. The competition remains the hardest to win for any engineering apprentice in Scotland, requiring practical skills, engineering knowledge and a cool head.



James Bream, Director DYW with PEDL and Score Group's William who took second place.

PEDL and Score Group's apprentice took second place in the hard fought competition behind Tullos Training's and Expro's apprentice. In the Electrical Engineering category, North Highland College and Rolls Royce apprentice took first placed followed by the apprentice of Tullos Training and MEE.

The winners and runners-up were presented with their awards by James Bream on behalf of DYW North-East in front of proud representatives from their training providers and employers. James Bream directs the Developing our Young Workforce Group for the North-east on behalf of an independent board. On the DYW North East website he says, "I'm involved because I believe in the ethos of DYW. Together, we can make a real difference to young people and our region."

Conrad Ritchie, Managing Director of Score International Limited said following the award ceremony, "These young people are the future and have excelled during this competition. All the entrants chosen to participate are winners and are role models to other young people. We were delighted to sponsor the competition this year and look forward to continuing our support for this long running event. We would encourage all training providers to field a candidate next year as participation alone has a positive effect all round."



The award winners

Score Trinidad News



Score **Valves (Trinidad & Tobago) Limited**
Intelligent Valve Management™
www.score-group.com

Score Trinidad is proud to announce that it's first intake of apprentices have all been successful in their first year of studies at Automation Technology College and have as a result achieved a City and Guilds Level 2 Diploma in Manufacturing Engineering. We would like to commend these apprentices for their hard work in the first year of the programme and encourage them to continue to succeed as they progress onto year 2 of Score Trinidad's apprenticeship programme.

We would like to make special recognition to Khadija John and Kiran Singh who received the best overall results in the programme.

Keep up the great work!

Score Trinidad has recruited ten additional apprentices effective September 4th, 2017 to join the apprenticeship programme. The ten apprentices, both male and female, were selected out of a group of over fifty applicants. They spent their first two weeks at Score undergoing an induction which consisted of health and safety awareness, general valve awareness and also included meeting all of the various departmental heads in order to get familiarised with Score as a company. They commenced their studies at Automation Technology College on September 14th, where they shall spend a year pursuing a Level 2 Diploma in Engineering IVQ – Manufacturing Technology. With the addition of these ten apprentices, Score Trinidad now has a total of thirty five apprentices in their employment.



Picture above of the apprentices with Lex Hinds, (Back Row, Centre) Training Co-ordinator on their first day of work

Well done to Davanand Jagroopsingh & Ramiese Mahadeo

Contractor Recognition SCORE Valve Technicians



Name of Person or team to be recognized:

Davanand Jagroopsingh & Ramiese Mahadeo

Location / Team:

Amherstia Platform / RAM

Contractor Company & Job or Work Location:

SCORE FIELD TECHNICIANS

Description of Recognition:

- Commitment to execution of tasks safely, responsibly and reliably.
- These Technicians display a level of commitment with respect to the tasks assigned and is always willing when the scope increases. This was quite evident in the various drilling programs, TARs projects and PMs or corrective work executed.
- They are quite punctual and disciplined in their approach to daily activities providing effective feedback where necessary and make every effort to comply to CoW. They make a very strong attempt to get the job done right the first time every time thus far.
- They display a level of professionalism with respect to their conduct on site and is always participating in the speak up culture for continuous improvement.
- They work well with the other team members on the facility displaying that One Team effort.

Celebrations in Norway



Congratulations to Karianne Lein and Mohammed Ahmed who passed their Mechanical Apprenticeship examinations with top results on the 19th of June. Award presented by Kristian Meihack.

More News From Score A/S

Score A/S has recently signed a Maintenance Service Agreement for Valves, Actuators and Accumulators with Total Norge E&P for their Martin Linge asset. Martin Linge was discovered in 1975 and is scheduled to be in operation during first half of 2019. Total has built an Onshore Control Center (OCC) in Dusavik Base, a short distance from Score A/S. The field will be operated from the OCC and will have a limited offshore staff with campaigns being run every 6 weeks for a duration for 2 weeks where Score A/S will be present with offshore valve technicians. In addition to this Score A/S will deliver services from our onshore facilities including workshop activities, engineering support and supply services. The field development concept includes an integrated wellhead, production and accommodation platform with a jacket, in addition to an oil storage vessel. When the field comes online, the gas will flow through a new pipeline connecting the field to the existing pipeline to St. Fergus in Scotland. The oil will be processed on the storage vessel and transported from the field in shuttle tankers. The Martin Linge installations will receive land-based electricity.



Husky Shutdown

Score Canada Limited is busy working on the Husky SeaRose FPSO Shutdown. This scope includes a 21 day oil-to-oil shutdown where Score is responsible for overhauling and repairing many complex valves and PSVs. The valves cover the size range from 3" to 12" are high pressure, made from exotic materials and from various manufacturers. The largest, most challenging valve to repair during this shutdown is a 12" 2500# Orbit Ball Valve which requires advanced equipment and tooling to strip and reassemble. With all spare parts previously procured, there is a tight turnaround time to have these valves back offshore. In total 33 PSVs and 8 larger scale valves will be tested, repaired and sent back offshore during this shutdown. Two of our Valve Technicians are currently offshore on the FPSO assisting our client with the shutdown. Score employees are coming together, working day and night, to ensure we surpass our deadlines. The Score Canada team is excited by this challenge and proud of the work completed thus far.



Score Canada – New Workshop Facility at Fort Hills

The Fort Hills oil sands mining project is being developed as an open-pit truck and shovel mine. The project is planned to mine and process 110 million tonnes of oil sand per year, yielding an average of 194,000 barrels of bitumen per day at full production. The mine life for recoverable resources is expected to be approximately 50 years.

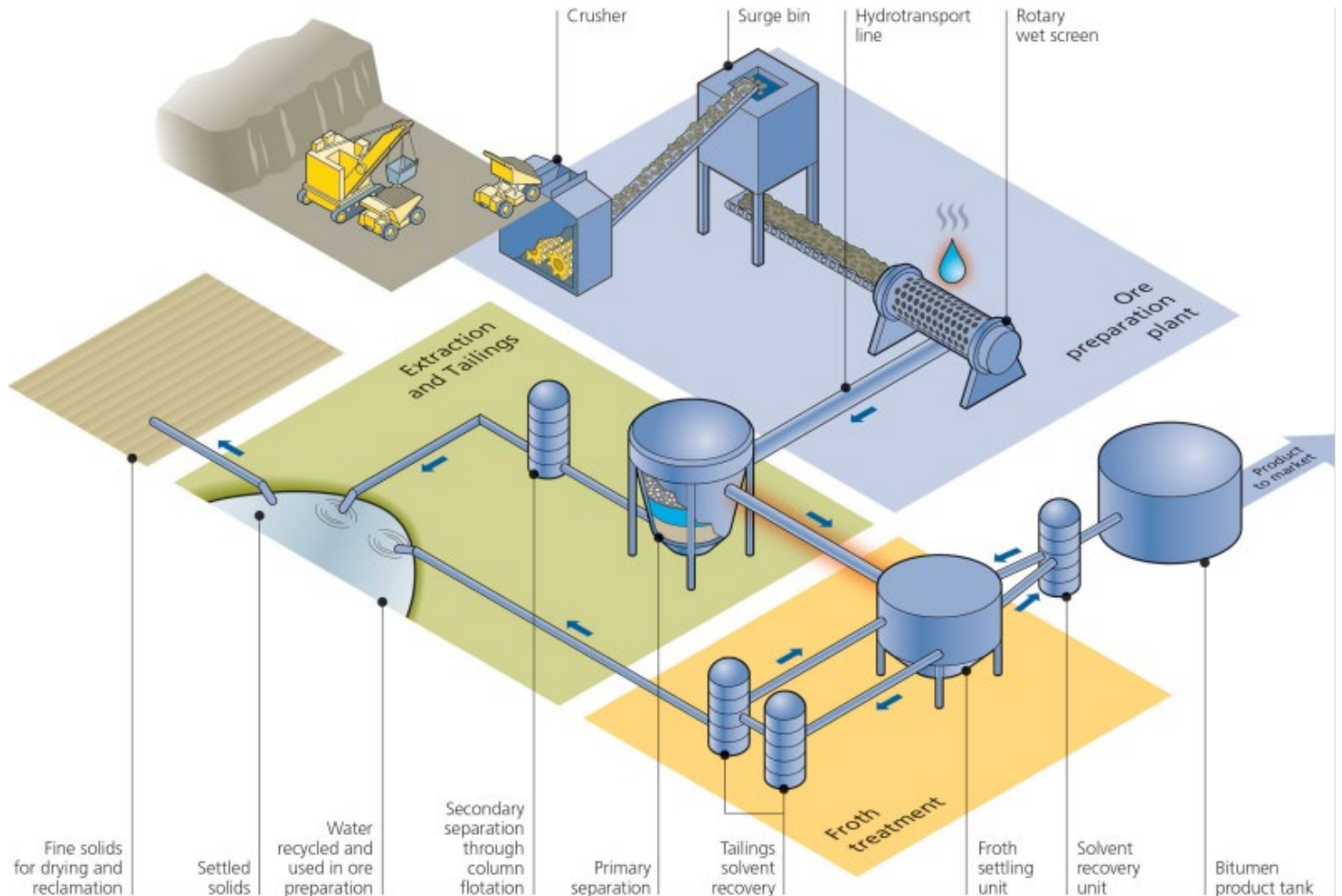
Fort Hills' open-pit mine plant has two main pits and a mine fleet capable of sustaining a production of 14,500 tonnes of oil sand per hour. The mine will deliver oil sands feed to two ore crushing plants, where oil sand material will be crushed and processed. Ore from this process will be mixed with warm water and conditioned to create slurry, which will be transported to primary extraction via large diameter specialised slurry pipelines named Hydrotransport lines.

In primary extraction, the conditioned oil sands slurry is fed to two trains of separation cells. The separation cells remove the bitumen from the sand, which yields a froth mixture of bitumen, water and clay. Froth is then sent for further treatment in secondary extraction where it is mixed with solvent and sent through two stages of counter-current settlers to remove asphaltenes, molecular substances found in crude oil, excess sand and water. The bitumen is then sent to a solvent recovery unit to remove the solvent and prepare the bitumen for shipping. The final product is marketable bitumen.



(L-R) Peter Marek, Bruce Buchan and Charles Cross with the certificate of authorization permit.

Score Canada - Fort Hills



January saw Score Canada open its new site based workshop facility at Suncor Fort Hills under the recently signed Engineered Goods and Services contract. The new contract between Suncor Energy Services Inc. & Score Canada Limited in essence covers intelligent valve management with the supply of valves, operators and accessories plus maintenance, reliability and performance services.

Based in the central maintenance shop on site, this gives us the ability to provide the client with a one stop shop for all their valve and operator needs with the large more complex repairs, including welding, being supported by our Edmonton facility.

This year our site based team has built and commissioned a small but extensively fitted workshop whilst at the same time operating one of Score Canada's mobile units which carries out commissioning and other work as the Fort Hills site ramps up for first froth in the next month or two.

Recently, our site was fully audited by ABSA (Alberta Boilers Safety Association) the pressure equipment safety authority for Alberta. ABSA administers Alberta's pressure equipment safety programs under the Safety Codes Act, and has the authority to enforce pressure equipment safety as set out in the legislation. Only a few areas were identified as opportunities for improvement during the audit and the shop is now fully certified. Credit must be given to the team based on site and the support staff based in Edmonton for this achievement.



Hycrome Aerospace Ltd. gains AS9100 Rev D

Following the release of the most recently revised industry standard (AS 9100 Rev D), it is expected that companies will conform to the new regulations by September 2018. Burnley's Hycrome Aerospace Ltd., however, were audited in June 2017 in accordance with AS 9100 Rev D and passed with zero non-conformances which positions them as one of the first companies in the UK to be approved and more than 12 months ahead of the deadline.

Hycrome Aerospace has also continued the development of processes and systems to allow a greater offering of services to customers worldwide. Over the last 12 months, the company has invested in a second TSA line (3m x 1m x 2m deep), a sulphuric acid anodise line and is currently in the process of installing a fourth paint spray booth and a third thermal coating booth which will increase the capacity for HVOF and wire arc spray coatings.

Whilst increasing the capabilities of the company, Hycrome has expanded its customer base by gaining approvals from Safran and Rolls Royce for surface treatments. The company are also currently undertaking fuel nozzle repairs for Aero engines using HVOF coating in conjunction with Parker Hannifin in the USA.

The board and employees of Hycrome Aerospace are committed to the continuous improvement of the company and are pleased to be a part of the first cohort on the NWAA SC21 Competitiveness & Growth programme.



UN Global Goals STEM Summit

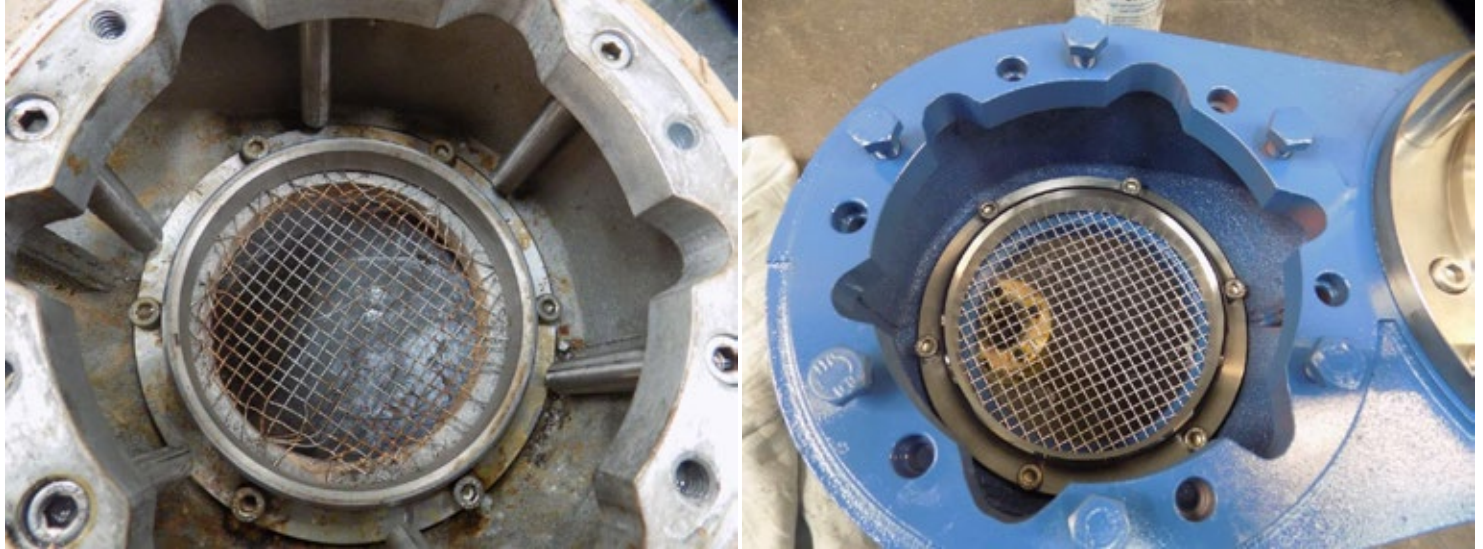
On Thursday 21st September at Ellon Academy, Score attended the UN Global Goals STEM summit. The event was created to highlight to the next generation where STEM related subjects have an impact in addressing the United Nations 17 Sustainable Development Goals to transform our worlds. A number of speakers, including from Score Europe, gave presentations on the impact that STEM subjects have in the day to day operations within their workplace.



News from Qualtec

Qualtec Control has recently completed its first order as part of an interim contract to overhaul pressure / vacuum valves for one of the UK's largest water and sewerage companies, United Utilities.

United Utilities operate over 550 waste water treatment plants in the North West of England and 38 digester plants which convert solid waste to biogas for the national grid.



“Before and after” photos of a 4” pressure / vacuum valve from United Utilities St Helens digester plant

Score Italy – What’s new?

Exciting times for Score in Italy!!! Previously we advised about the facility expansion with a warehouse and a small stock. This investment has proved to be very successful with a large portion of the stock already sold in the first year generating the confidence of investing into an additional expansion for more stock and a workshop.

Score Italy now has a fully kitted valve workshop with full testing capability and has a greater variety of stock including forged steel gate/globe and piston check valves of typically class 800 and NPT or SW connection complementary to what is generally stocked in the UK and other regions.

Score Italy has also signed a distribution agreement with Emerson for the supply of its actuators in Italy. This has led to a stock of Elomatic rack and pinion pneumatic actuators which are suitable for our existing stock ball valves. Ultimately Score Italy can now provide cost effective downstream valve automation solutions.

The new investment has brought many important business opportunities like the testing of a whole skid for an important Italian EPC and the first shutdown job for the petrochemical plant in Venice.

The future is bright and we are confident that more fruits are coming in Italy after these investments and we will be glad to write again in the next article. Stay Tuned!

For more information on the full range of Score Italy services including stock valves, inspection and expediting and other potential support to Group locations, please contact Paolo Buono, Business Development Manager of Score Italy. The stock valves are available to view on 20:20 and a full listing is available on request.

CCTV Upgrade for the GLEN Test Facility

The GLEN test cell has recently received an upgrade to its CCTV infrastructure. Nine new high definition cameras have been installed throughout the facility to allow for clear and precise monitoring of all engine and plant equipment during engine testing. The new system replaces an existing CCTV system which has served the facility for the past 12 years. The new system comprises of 6 PTZ (pan, tilt and zoom) cameras and an additional 3 fixed cameras. The revised placement of each camera allows control room operators to view all areas of the facility thus improving safety for all personnel working onsite.

The gas plant and boiler lay down area are now covered by a PTZ camera and this allows each section of the plant to be monitored remotely. The liquid fuel farm is also covered by a PTZ camera which has been set up to monitor the fuel tanks, fuel pumps and also the exhaust gas detuner.

An additional two fixed cameras have been installed underneath the port and starboard gantries which are placed to allow easy detection of leaks from engines on test and to monitor personnel within the test cell whilst engines are running.

The new CCTV system coupled with our online witness capabilities, allows customers to view a complete engine test from any location globally.



Compliments to Cowdenbeath

Cowdenbeath received Technip/FMC & Shell compliments for on time performance with great service for the qualification of the SHELL MSA Gate valve. The valve underwent FAT, Shear Qualification to prove the cut and seal features and endurance qualification to API 6A.

"Now that the MSA project is at a close I'd like to thank yourself & project team for managing the work through the various stages of qualification for the MSA gate valve. The accommodation to change & support shown by SCORE was imperative to meeting deadline dates for Shell. The professionalism & input throughout the qualification was exceptional this was echoed in Shell's comments particularly when carrying out the shear qualification, we look forward to working again together soon."

- Heather Cummings, Product Team Manager, TechnipFMC

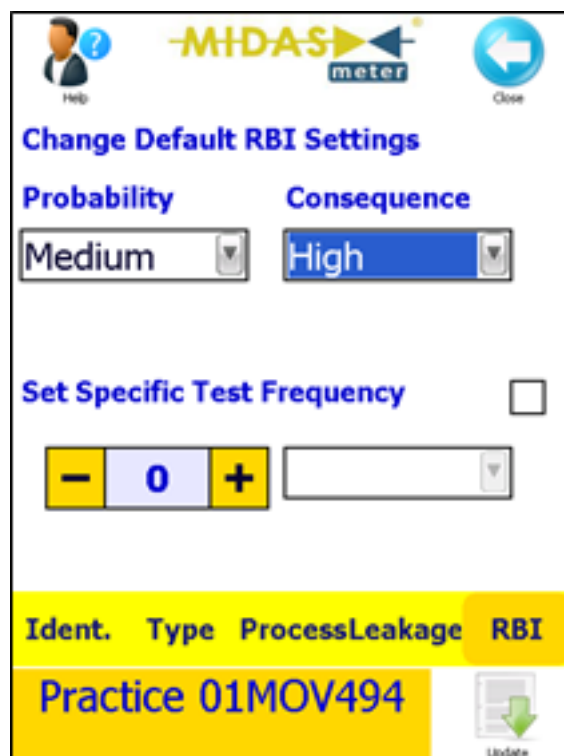
Market Leading MIDAS Meter® UPDATE ALERT

Significant enhancements have been made to MIDAS Meter® Core and Communicator™ software, which require all existing customers to take action, to gain the full benefit of the very latest design features and functionality enhancements, moving forward.

Risk Based Inspection (RBI) Calculator

To directly answer customers' questions and concerns on "which of my valves should I monitor and when?" and to support the very latest developments and strategies in Asset Integrity Management (AIM) and specifically Reliability Centred Maintenance (RCM) planning and implementation, Score Diagnostics Limited has enhanced the MIDAS Meter® Core and Communicator™ software. The latest revision of the product and software now includes new functionality and clear guidance on RBI for valves.

Simple built-in variable and selectable parameters such as "Probability" and "Consequence" of failure now provide MIDAS Meter® users guidance on when each valve in their installed population should optimally be surveyed.



Help Close

Change Default RBI Settings

Probability Consequence

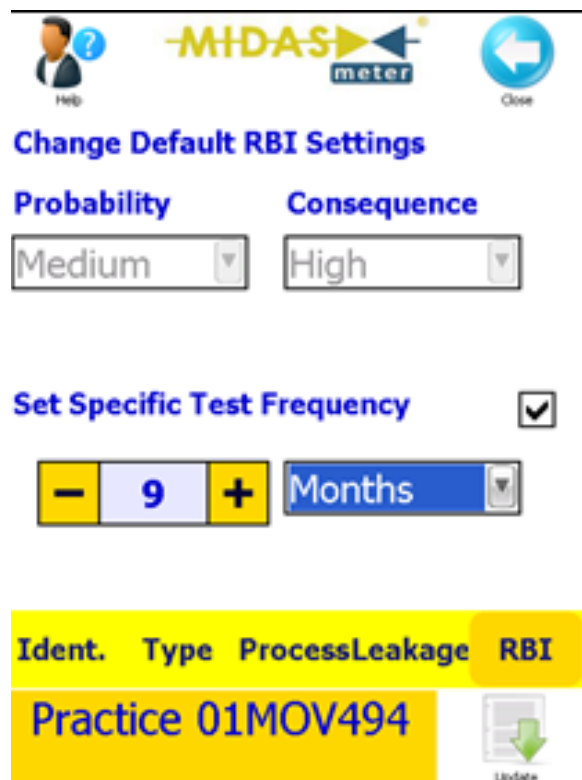
Medium High

Set Specific Test Frequency ☐

- 0 +

Ident.	Type	ProcessLeakage	RBI
Practice 01MOV494			

Update



Help Close

Change Default RBI Settings

Probability Consequence

Medium High

Set Specific Test Frequency ☒

- 9 + Months

Ident.	Type	ProcessLeakage	RBI
Practice 01MOV494			

Update

Users are also now able to produce standard "look ahead" and "overdue" reports, detailing which valves are becoming due to be tested as well as highlighting any that are already overdue.

Please Note: All customers with MIDAS Meter® Communicator™ software version 1.8.0 or earlier will need to update their units to allow full functionality of these latest industry-leading enhancements.

New MIDAS Meter® Communicator™ software, version 1.9.0, is provided on the MIDAS Meter® Operations and Maintenance Manual CD that is contained within your MIDAS Meter® kit, supplied at the time of Annual Maintenance completion.

Please refer to the MIDAS Meter® Communicator Installation guide (9103-26) for further details. If you have any queries please contact us on +44 (0)1779 485530 or customersupport@midasmeter.com.

Supporting MIDAS Meter® Owners Worldwide

The ever-growing global population of deployed MIDAS Meters® (Score Group plc's valve leak detection, quantification and trending equipment) has required Score Diagnostics Limited's training team to be highly active in the delivery of their certified operator training course. The following infographic highlights the trained and certified operator population growth from just this year alone.



The increase in demand for MIDAS Meter® training to be delivered to operators has highlighted that the uptake of valve condition and performance monitoring equipment and systems is becoming more widespread than ever. The technology is being adopted at an increasing pace, driven by the fact that people are more aware of the value of asset integrity management as a way of ensuring that their assets are performing their required functions effectively, efficiently and safely. Valve diagnostics is supporting the global trend towards reliability centred maintenance activities.

If you have a customer that would like to know more about valve condition and performance monitoring, please contact Midas.Enquiries@score-group.com, or call Score Diagnostics Limited on 01779 485530.

Celebrations in Cowdenbeath!

Well done to all of the 4th year trainees at Cowdenbeath for passing their exams in May. They are looking forward to completing the next 2 years of their apprenticeship and meeting whatever challenges and opportunities come their way.

Inspire a Generation - Marketplace Launch

marketplace, an online digital platform aimed at improving engagement between employers and education was launched on Tuesday 19th September at the Crown Plaza Hotel in Dyce. This is essentially a digital meeting place where education and business can have more targeted and meaningful activity and for education to have access to a range of employer opportunities which will add value to the current curriculum delivered.



NORTH EAST
The vital link connecting
schools and businesses

Work Experience Success

19 pupils from Fraserburgh Academy visited Score during the month of August for a week of work experience. A mixture of boys and girls spent time in both office and workshop type roles. Everyone got on very well and enjoyed the week. We are hoping to receive future applications from this initiative.



The engineering hopefuls at the end of their experience.

Essential Valve Knowledge Level 2

Our 5 day Essential Valve Knowledge Level 2 course is a 50/50 split between workshop and classroom based training. The aim of this course is to provide a strong understanding of valves and their associated equipment in relation to design, function and non-invasive maintenance solutions for specific valve types.

Who Would Benefit?

This course has been designed for engineers, operators, mechanical technicians and valve buyers.

Dates

w/c 29th January
w/c 5th March
w/c 16th April

ECITB approved MJ1 10 and 19



Engineering Construction Industry Training Board
APPROVED PROVIDER

9-10 January
25-26 January
15-16 February
21-22 March



For further information or alternative dates contact us...

Score Training Limited
Admiralty Gateway
South Road
Peterhead
Scotland
AB42 2ZX

be.trained@score-group.com
www.score-training.com
Tel: +44 (0) 1779 482333

Sales Trip Takes Score Energy to Brazil

Back in August, Calum Melhuish, Sales Director of Score Energy and Alvaro Ruiz, Sales Manager for Score Energy in Houston, visited Brazil to promote the company. This included visits to GE, Sulzer, MODEC and Petrobras.



Calum Melhuish presenting Score Energy capabilities to customers in Brazil. This picture shows senior technical personnel from Petrobras.

Peterhead Academy Maths Week

As part of the 'Transforming Scotland into a Maths Positive Nation' initiative, Peterhead Academy hosted a Maths week for pupils from the 11th to 15th September 2017. The aim of this initiative was to raise the profile and promote the value of maths as an essential skill for every career. As part of the activities two of Score's many STEM Ambassadors, Paul Feeney and Ian Barbour held interactive maths sessions with groups of S1-S3 pupils on how the skills learned in maths are being used on a daily basis in industry.

Safe Driving for Apprentices

Former police officer, Ewan Innes from DAB Plus Driver Training in Maud, recently presented a lecture on road safety. He went over the dangers of driving, specifically to the age group of apprentices who are most likely to be involved in a road traffic collision. Ewan, who has 30 years' experience in the police, interacted with the group speaking about their experiences with accidents, peer pressure when driving and the dangers of drink/drug driving. His presentation contained a number of hard hitting videos on the dangers of driving.



Ian Barbour, Chairman PEDL (L) and Steven Wilson, Training Manager Score Europe (R) pictured with Ewan Innes.

Score Brisbane's Canadian Adventure

The opportunity to travel abroad and learn new skills was an offer that could not be refused by Score (Brisbane) Pty Ltd employees, Scott Armstrong and Thomas Cogan. The guys, who recently completed their apprenticeship, travelled from Gladstone to Canada to provide workshop support at Score's Edmonton facility. During their six week visit, the guys carried out various tasks including strip down and inspection, refurbishment, assembly and pressure testing of various valves, PSVs and actuators. They also spent some time working in the machine shop carrying out various tasks on lathes, millers and borers as well as utilising the onsite flange facing machine.



The guys enjoyed the challenge of working in a new environment and gained valuable experience working with a wide range of valves and actuators they had not yet encountered in Australia.

While in Canada, Scott and Thomas managed to fit in some sightseeing exploring Banff in the Canadian Rocky Mountains.

Keep up the good work guys!