

what's the

Score?

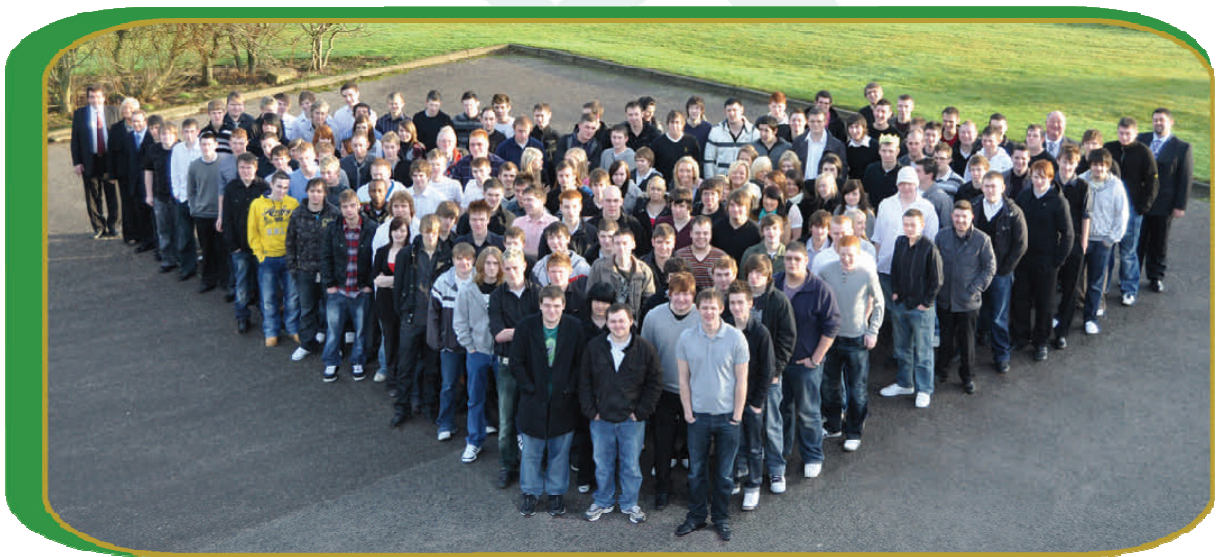
# **Apprentice Awards Ceremony**

Score (Europe) held their annual trainee awards ceremony and Christmas lunch on Tuesday 23<sup>rd</sup> of December at the Waterside Inn, Peterhead.

The event was attended by over 200 Employees, mostly Engineering and Administration trainees, with members of our management and training teams included. The event was hosted by Charles Ritchie (Chairman) who welcomed everyone to the meal and after a short speech proceeded with the presentation of certificates and awards.

Training certificates were presented to those who had completed their apprenticeship and awards were given to those who had excelled in various areas of training.

Invited guests included senior instructor Bill MacLelland of Grampian Police. Bill presented the prize for the driver of the year on our very successful better driving course. Bill also gave a talk on the consequences of drink driving. Video messages were also received from Score locations from around the world.



Continued Page 3...

# **Content**

- 1,3,4 Apprentice Awards –Waterside
- 2 Contents & Thanks
- 4 Level II Completions—First Year Apprenticeship, Peterhead
- 5 Graduations at Banff & Buchan College Fraserburgh
- 5 Visit to Score
- 6 Hycrome Achievements
- 7 Scottish Modern Apprenticeship Awards - Large Employer of the Year 2008
- 8 Young Engineers Clubs Gathering
- 8 Common Purpose Leadership Programme
- 9 Safe Driving - BBC Alba
- 9 VITAL Drive - Logo & New Arrangements
- 10 24/7 Site Support Vehicle Goes Into Service
- 10 Materials Properties Lectures - Norway
- 11 Valve World 2008
- 12 BVAA Exhibition, Peterhead
- 13 CSL Update
- 14 Team-building Day In Baku & Boxing Day Charity Swim
- 15 Far Travelled Apprentice
- 16 Meet the Director - Nelson Ritchie
- 16 Meet the Apprentice - Stuart Cowie
- 17 Promoting Engineering to Local Schools
- 17 Charles Buchan Ritchie Book (It's a Newton)

## **Thanks**

A big thank you goes out once again to everyone who submitted material for this edition of the newsletter. Without the support of all the authors and photographers around the Score Group who contributed their work, it would never have been possible to release such a diverse publication. Many thanks to you all and we look forward to receiving your further contributions for the next issue.

*Kindest Regards,  
Newsletter Team  
Score Group plc*



Time Served Apprentices

L - R - Scott Greig, Steven Cardno, Fraser French, Chris Dunnett,  
 Nicholas Aiken, Peter Ross, Marc McLeman, Martin Sinclair, Richard Blow  
 Presented by Bruce Buchan Snr, Conrad Ritchie & Gordon Milne  
 Not Present at time of photo Chris Naylor



Time Served Admin Trainees

L - R Jamie Will, Rachel Duthie, Morag Gibbon, Louise Hay,  
 Jenna Buchan Presented by Avril Birkett



Kristi-Ann Coull (Right) Admin Trainee of the Year Award  
 Presented by Avril Birkett



Most Consistent Logs

L-R Jason McKinnon, Nicola Johnston &  
 Liam Webster Presented by Conrad Ritchie



Better Driving Course Driver Of The Year  
 Colin Burnett ( Left) Presented by Bill MacLelland



Top Logs

L-R Lee Wilby, Kimberleigh Legge, Simon Donald  
 Presented by Bruce Buchan Snr



Best Suggestion/ Whoa Card  
 Morag Gibbon & Scott Bruce  
 Presented by Conrad Ritchie

Continued Page 4...



Apprentice Golden Spanner Award  
Sean Turnbull Presented by Gordon Milne



Top Vital Performers  
L – R Sean Martin, Jaclyn Lewczenko & Lee Fearnon  
Presented by Dave Anderson



First Score Employees to apply for the Eng. Tech.  
Professional Qualification  
Marco Letelier (Left) & Mark Allan (Right)  
Presented By Bruce Buchan Eng



Hard Workers  
L– R Clark Coutts, Scott McKay &  
Nicky Thoires Presented by Gordon Milne

## ***Apprentices Level II Completion***



1st year apprentices receiving their Level II certificates at Peterhead Training Centre. They are pictured with staff from the centre along with Conrad Ritchie and Gordon Milne from Score Europe.

## **Graduates at Banff and Buchan College**

On the 4th of October 2008 35 Score employees graduated from Banff & Buchan College with either a HNC or a HND in engineering.



Not all employees were present at time of photo.

## **Visit to Score**

Score Group Peterhead recently had a visit from two old friends, namely Mr Jim Crawford and his brother Mr Andy Crawford.

Jim was the Principal of the Banff and Buchan College from when it first opened in 1966 and remained so for the next 23 years. Andy was a technical teacher at Fraserburgh Academy for many years. In such positions, it meant they were highly instrumental in teaching many of our past and present employees at Score including some of our directors and also our chairman, Charles Ritchie. Charles in fact said when he knew of the visit, "These guys are the guys who made us who we are today".

Mr Bruce Buchan Snr, QA Director, Score (Europe) Limited, first gave them a tour of our Glenugie premises followed by a visit up to our Wellbank site.



Both gentlemen were astounded by the advancements that Score had made in the industry both here and worldwide. In fact, during the tour they stopped a number of employees to ask what they were currently working on.

Bruce added that over his many years with the company, these two men had been the most appreciative visitors he had ever had the pleasure of showing around our facilities. They would be welcome back at anytime.

# ***Hycrome Achievements***

## ***2nd Year Apprentice***

Congratulations to 2nd year apprentice Jonathan Tate who was presented with the award for Best Logbook at the Annual Training 2000 Engineering Awards ceremony. This award recognises the consistent high standard of Jonathan's written work during his first year off the job training while studying for his Performing Engineering Operations level 2 NVQ at Training 2000.



Stephen Kelly Operations Director (Left) & Jonathan Tate

---

## ***Representing Hycrome***



Greg Speak

Congratulations to Greg Speak who represented Hycrome at the North West Aerospace Alliance Young People Awards Evening after submitting his HNC project into the competition. Greg was one of 8 finalists chosen from all of the aerospace companies in the North West of England and was up against tough competition from apprentices at BAE Systems, Airbus UK and Rolls Royce. Greg's ambitious project entailed him designing, manufacturing and fitting a turbo charger unit to his Mk2 Golf GTi. This project required him to demonstrate an understanding of material properties, gas flow within the system and conventional/CNC manufacturing techniques.

## ***Employer of the Year***

A 26 year old vision was realised on 26th of November 2008, when Score (Europe) Limited was awarded the coveted prize of “Large Employer of the Year” at the annual Scottish Modern Apprenticeships Awards in Edinburgh.

Chairman and principal shareholder, Charles Ritchie’s commitment to and investment in developing young people through the provision of Modern Apprenticeships is both remarkable and highly commendable. Having grown a team capable of delivering and maximising this commitment and investment, it is without doubt that he and his team at Score have created something as unique as it is special.

The apprenticeship provided by Score has led to apprentices taking up employment in many disciplines throughout the Score Group’s worldwide operations, including mechanical and electrical engineering, welding, non-destructive examination, IT, administration, sales and multimedia. Many of the young people following this career path with Score have progressed through the management structure and a select few have even reached the extraordinary heights of Managing Director of a Group Company.

Over the past 20 years, Score has continued to expand their apprenticeship programme and now has the largest Modern Apprenticeship Programme in Scotland. In the past few years, Score Group has created its own training company - S.T.A.M.P. Limited – to allow it to provide the best possible opportunities to their apprentices so they can learn and grow. Specialist training facilities which have been built to allow the apprentices to further their knowledge in their chosen field include e-learning, training rooms, learning suites, a lecture theatre, training workshops and test cell facilities.

Conrad Ritchie, the Training Director for Score (Europe) Limited said “We are 100% committed to offering the best training and opportunities to all employees. We use our Modern Apprenticeship Programme as a model which stays with the employee for as long as that person has the desire to train and better themselves.” He added “We are thrilled to have won. It is refreshing to see a private, self-funded organisation being awarded with this recognition”. Mr Ritchie also thanked Skills Development Scotland for their support and reiterated Score Group’s continued commitment to the MA programme.

The event, which is supported by many well known business people, was attended by Fiona Hyslop MSP, Cabinet Secretary for Education and Lifelong Learning. She met with many of the finalists and stated “We need to ensure our young people have the right skills to enable them to grow as individuals”. She continued “I want to congratulate all those who are receiving awards today and also their employers and training providers who are working hard to support them in building their future careers”.



L– R James Duthie, Dave Anderson, Bruce Buchan Snr,  
Gordon Milne, Ian Cheyne & Conrad Ritchie

# Young Engineers Club

Every year, SCDI holds its Annual Celebration of Engineering event. This year's event was held in Score's lecture theatre, Peterhead on 25<sup>th</sup> November 2008. This is a high profile, flagship event for SCDI's network of 270 Young Engineers Clubs. The event gives clubs from primary and secondary schools all over Scotland the opportunity to showcase their engineering Activities, compete for the Club of the Year title and take part in a series of three-minute technology challenges set by 25 SCDI member companies.

## Quote from SCDI

"The Young Engineers Club network is expanding in the North East of Scotland and in order to recognise that and to reflect the strong industry support in the region it has been decided to establish as a Pilot a regional showcase event. Having discussed this with many of the Clubs/Schools and sought their views on the format and the purpose of such an event it is our intention to create a showcase and technology challenge day. This event will be one of celebration of all the excellent projects and activities that are taking place in the schools.



The main purpose will be celebrating, showcasing and networking so that clubs get an opportunity to communicate with each other and share best practice and ideas. In addition, industry will be invited to take part by setting a three minute technology/engineering challenge for participating Clubs to undertake and get some hands on experience. This will also

allow an excellent opportunity for industry to understand what is happening in schools and to explain to the participating young people what opportunities there are in local industry for those interested in pursuing a technology based career. Score Group is a member company of SCDI along with Scottish colleges, universities, major businesses including the entertainment

industry as well as other engineering organisations. For more information on the work of SCDI, go to <http://www.scdi.org.uk>.



## Common Purpose Programme

On 10<sup>th</sup> of October 2008 Score was asked to be part of the 2008/2009 Aberdeen City & Shire Matrix programme. The matrix programme is a cross leadership development programme for leaders from a range of, public and voluntary organisations based in the north east. There are currently between 35 –40 leaders currently involved in this programme.

This year's event was about Power and Influence and held on 18<sup>th</sup> of November 2008 at Score Training's VITAL Suite in Peterhead where seven people from different organisations in the north east attended. The aim of this event was for the participants to understand more about power and influence from both personal and organisational perspectives and also to learn how the organisation fits into this area as a whole.

The key objectives for the day were for each participant:

- To consider who operates the levers of power in the area
- To examine the source of participants own personal power
- To begin to develop the ability of participants to influence decisions outside their usual sphere and to lead beyond authority



## **BBC Alba**

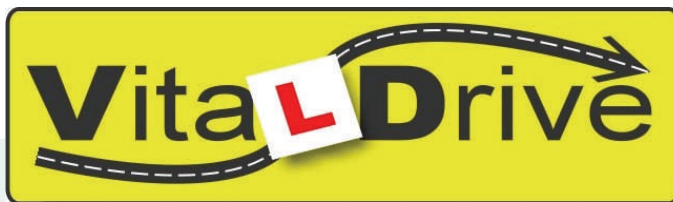
On 6<sup>th</sup> of November a report on Score's Safe Drive training programme was broadcast on BBC Alba the Gaelic news channel. The report highlighted the work being done by Score in partnership with Grampian Police in providing our employees aged between 18 and 27 with the opportunity to complete a week long advanced driving course. The course is aimed at promoting safe driving by our employees. The report interviewed Bill MacLelland, the Police driving instructor and also Nigel Cordiner of Score Group. Also interviewed during their driving course were Sherleen Fraser and Marian Sutherland of Score Europe Ltd.



Nigel Cordiner



Sherleen Fraser



## **Score Sign New Agreement**

After two years of a successful partnership with Grampian Police Score has entered into a new contract with local company VITAL DRIVE Limited to continue the better driving course. The benefits to employees who have completed this course are significant and the investment in your future safety has and will continue to be made. The basic course content, duration and awards will remain the same with small improvements being made to ease absorption of the relevant Highway Code and driving skills theory. A new dual control vehicle has been purchased and we are keen to see the courses restart in March 09. The next session of courses will see employees from other Score Europe UK locations being trained at Peterhead. A quote from Bill, "As an advanced and a qualified Driving Standards Agency Instructor, I do count it both as a great privilege and a challenge to pass on driving skills to the trainees of such an organisation as Score Europe.



Conrad Ritchie & Bill MacLelland

I trust that together we will continue to improve and increase the driving skills of all those participating. As a Driving Instructor and a Learner Driver Training School, I am grateful to the directors of Score Europe for the opportunity afforded to the training of younger persons in the Buchan area and hope that together our efforts will in some way help reduce the tragedy and associated devastation caused by road collisions in this area, the much publicised relevance and history of, which none of us require reminding of."

VITAL Drive are also able to offer standard DOT driving lessons, these are available at a reduced rate to all Score employees for more information please contact Bill MacLelland direct at: [vitaldrive@btinternet.com](mailto:vitaldrive@btinternet.com)

# Material Properties Lectures

A lecture was presented by Geir Hoft Projects Engineer Score A/S recently regarding material properties. Below is a summary of the lecture.

Chemical composition of low alloy steel, 316 Stainless Steel and Duplex Stainless Steel was introduced. Focus was on the similarity, rather than the differences. Alloy, strength and microstructure were discussed.

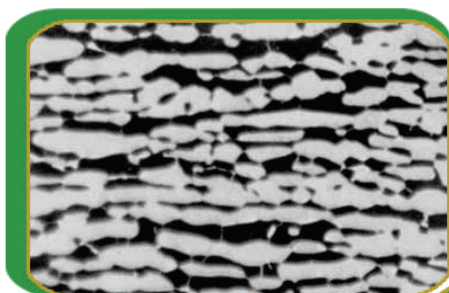
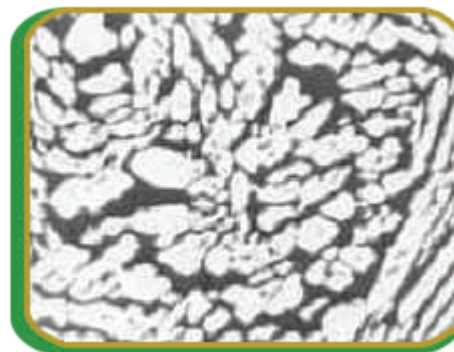
The chemical composition and strength of Titanium Gr2 and Gr5 were discussed along with Inconel 718.

Weight percentage in the chemical composition. Many Carbon atoms into steel, even if certificates say 0,3wt% only.

A demonstration using plates made of low alloy steel, 316 SS and aluminium was undertaken. Each sample of material bent until breaking point. Only the aluminium plate broke. In a further experiment, two aluminium plates were bent. One of the plates had a small cut in its side. The purpose of the test was to show that a small cut, or scratch, significantly reduces the number of cycles the plate can withstand.

This was then compared to similar damage on a valve. This will most often pass the pressure test, but can fail later due to cracks.

Equipment for Ferritescope reading and Positive Material Identification (PMI) was demonstrated.



## 2417 Site Support Vehicle Goes into Service

Production has a new support vehicle and the workshop staff are already calling it the A-TEAM van.



# Valve World

## 2008



Once again, Score **Group plc** exhibited at Valve World 2008 Conference & Expo held in Maastricht Exhibition and Conference Centre, Holland. The show gave the Group the opportunity to assemble many of the company directors and managers together in order to forge close relationships with one another with a combination of social and business events. It also gave the opportunity to network with many of Score's clients who were attending the exhibition. The exhibition was held from the 4<sup>th</sup> through to the 6<sup>th</sup> of November and was once again a great success for the Group giving us the chance to speak with new as well as existing contacts. This was primarily done through our dedicated stand team who organised the event, and were supported by some of our sales engineers, managers and directors. The stand used at the show was fitted with LCD screens, touch screens and digital photo frames displaying videos, images, websites and other interactive elements as well as having supporting brochures, contact sheets and flyers promoting our organisation in.

- Global Valve Supply
- Engineering & Design Consultancy
- Valve Automatic & Control
- Process, Subsea & Military
- Enhanced Testing
- Valve Supply, Repair & Overhaul

Although the framing and flooring of the stand had been used at previous shows, the graphics were completely new for this show. Incidentally these newly designed graphics have been further used to create a new popup stand which is being first used for the AUG/MUG (Air and Motor Operated Valve Users Group) joint conference on January 5-9, 2009 at the Contemporary Resort & Conference Center, Lake Buena Vista, Florida. The design has also been used to create graphics for Australian Oil and Gas Exhibition and Conference being held in Perth, Western Australia in February. Mr Charles Ritchie did not attend the event this year but he left it in the hands of Mr Ian Cheyne and Mr David Wood (Snr).



They continued as per previous years to hold the engineering and management meetings with Score personnel during the week, then David Wood gave a short speech, generally serious but including a few light hearted events in Score's history, to round off the week. Valve World is moving to Dusseldorf Germany in 2010 partly due to accessibility problems at Maastricht but Score Group has taken the decision not to attend and is currently discussing the way forward for exhibitions for the future.

The whole event went off without a hitch and feedback from all who attended was positive with a few suggestions on how we can improve in the future regarding our sales pitch. For more information on Valve World 2008, visit

<http://www.valve-world.net/vw2008/ShowPage.aspx?pageID=1042>

## ***BVAA Exhibition “Best Ever”***

Over 30 British Valve and Actuator Association (BVAA) members visited the VITAL Lecture Theatre in November in Peterhead, to participate in the third Score / BVAA tabletop exhibition at the Group’s Global Headquarters.

On the evening before the event, Score hosted a welcome dinner for all exhibitor personnel, where Score Europe’s Managing Director, Ian Davidson, made a short welcome speech to the assembled valve and actuator company representatives on the developments at Score since the last desktop exhibition in 2006.

On Tuesday 18th, the manufacturers were then invited to set up their exhibits in the VITAL Lecture Theatre and to demonstrate their product ranges to Score personnel and selected third party guest visitors.



A number of attending manufacturers’ representatives also made formal private presentations to smaller target audiences, highlighting their latest innovations and developments.

After the event, BVAA Director Rob Bartlett described the event as the “best ever of it’s type”.

Score would like to take this opportunity to again reiterate our thanks to those manufacturers who came to Peterhead for this event and gave us all their valuable time.



# CSL Update..



## **Constant Systems Incorporated**

The Annual Protein Society Symposium in San Diego, California went very well at the end of July 2008. Constant Systems generated many leads from interested scientists.

Several demonstrations took place following the show including Gilead who produce drugs to help provide antiviral medication (for HIV/AIDS) and also to help respiratory and cardiovascular conditions. The demonstration went very well with their team remarking on the ease of use of the system. All being well and budget allowing, we expect to see the order shortly.

Late 2008 we demonstrated a system at Mississippi State University. In these times of growing concerns over energy the University are using a novel way of producing oil. They are extracting certain oils using yeasts. They currently use a large amount of chemical to release the oil which is not going to be effective further downstream. The University is interested in seeing if high pressure can release the oil quickly and efficiently and study if the energy consumption is outweighing the benefits. Following the successful trial the University is looking to purchase equipment in 2009 to help further their cause.

Massachusetts Medical School also trialed a system after coming across a particularly hard yeast to break open. Their current system takes 9-12 passes to open the cells which causes not only an increase in time but importantly temperature too. They optimize their process by using our disrupter which can reduce 9-12 passes into 1-3. We hope to decrease the time taken and also control the temperature. This will save costs, through time, and increase their yields by disrupting more cells with each pass and not denaturing them by heating them up.

GlaxoSmithKline (GSK) went ahead and purchased their system in August 2008. The company is one of the top pharmaceuticals in the world and our system will be based in the hub of their North American vaccine operations in Laval, Canada. You will be familiar with their brands such as Horlicks, Nytol and Sensodyne but they are also heavily involved in vaccines and prescription medicines not so well known such as Avandia (diabetes) and Seratide (respiratory). This is where our system will help them achieve their goals.

In the last edition of the newsletter we mentioned a successful demonstration at Lawrence Berkeley National Laboratories. A sale and installation took place late 2008. 11 scientists associated with the lab have won the Nobel Prize and a further 55 Laureates have either been trained at or had significant collaborations with Lawrence Berkeley National Lab.

Following a successful tender process we received our first order from CEDIVE (Center of Diagnosis and Veterinary Investigations) at the Universidad Nacional de La Plata in Argentina. This will also be the first system installed in Argentina adding yet another country to our expanding list. We expect an installation in February 2009.

We are currently preparing for the annual PEP Talk conference in San Diego and look forward to another successful year in 2009!



## **Working With Astra Zeneca**

As part of Constant Systems after market support, we have been working with Astra Zeneca in Sweden to help manage an expected increase in their production with a TS Series 2.2kW machine. They currently own a TS Series 1.1kW machine and due to the efficiency of Constant Systems products they chose to purchase another Constant Systems Cell Disrupter which was installed in November 2008.

As per the last newsletter Constant Systems sold a C Series model to Sanovel, a Turkish pharmaceutical company based in Istanbul. During a recent visit to their facility to discuss the requirements of their new laboratory and install a loan machine, Sanovel requested a further quotation for a full C Series package, this second C Series is to be funded by the Turkish government. We expect this to come to fruition in 2009.



## ***Boxing Day Charity Swim***

While helping my wife prepare Christmas dinner on Christmas Eve I noticed in the Herald that there was due to be a harbour swim in aid of Fraserburgh lifeboat on Boxing day.

As I had previously done some other daft things in the past for charity, such as parachute and bungee jumps I thought this was an opportunity not to be missed. Plus it would help work off the Christmas excesses.

On the day 12 others took part and we all made it safely across. The worst bit being the realisation that half way across my arms and legs were beginning to seize due to the cold.

I plan to do it again next year and I'm sure the RNLI would welcome more volunteers. As yet I do not know the total sum raised for this year's swim, but on the day it was in the region of £550.

By Gilbert Whyte



---

## ***Team Building Day in Baku***

Rashid Khankishiyev of Score Baku recently organised a team building paint ball for the workshop team. The game was good exercise and practice.

## ***Far Travelled Apprentice***

I began my first year at Score in summer 2003. For the first 2 years I attended college on day release, then block release for the final 2 years to gain my NC and HNC in mechanical engineering. My first year was spent at the old training centre; my second and third years were spent in the valve workshop then in the control valve workshop.

I got my first trip away in my third year; this was to Norway where I spend 2 months in the workshop in Stavanger, while there I learned about PSV and various actuators. My second trip was also in my third year, this was down to Grangemouth to sort a gate valve that was damaged when receiving a pig, this trip was for two weeks using special tooling that was made up in the Peterhead workshop.

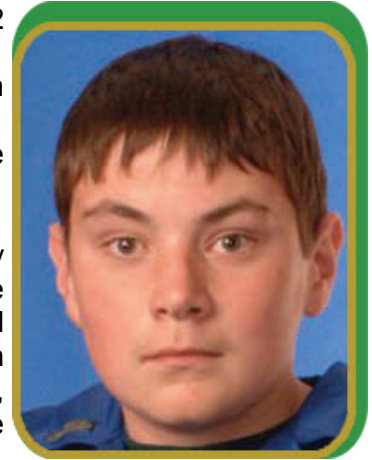
At the beginning of my fourth year I went down to Leeds for a couple of weeks to help with a control valve shutdown. This was a busy few weeks. It was also in my fourth year that I was asked to become a permanent member of the Control Valve workshop.

Towards the end of my fourth year I was asked to work in Australia for 6 months. This was to get training on v-scan so that it could get used in Peterhead. While in Australia I was moved about a lot to different sites which I enjoyed. The first site I was at was Karratha LNG gas plant. I was there for the best part of a month carrying out v-scan diagnostics on control valves in line which I thought was interesting. I also carried out control valve refurbishments. Second trip I got when I was there was to Murrin, which is a mine site in the middle of no-where. While there I carried out PSV refurbishments and worked on ball valves made specially for the site. I was back and fore between both sites a few times carrying out various jobs. Towards the end of the 6 months I was asked to stay longer for an offshore trip off the coast of Darwin, I carried out my tropical survival course, then went offshore to the Bayu-undan. This was to carry out PSV recerts and refurbishments and some work on top entry ball valves. I was offshore here for just over 5 weeks, which was hard as it was so hot and humid. After this trip it was time to come home to Scotland.

When I got home I carried out my survival training course, but before I got a trip offshore I was asked to go back to Australia for two months to carry out another shutdown on the Karratha LNG plant. This time it was on gas train 1. When there I carried out more v-scan tests and done some instrumentation. This shutdown was also for a month. I spent a week back in Perth then was asked back up to Karratha to carry out a PSV shutdown for the burrup fertiliser plant. This was spent in the Karratha workshop.

Once home from Australia I had a few trips offshore, the first 1 was to un-jam a big gate valve using special tooling made up in Peterhead, second trip offshore was to the Haewin Brim FPSO, this was to carry out PSV recerts and refurbishments this was for two weeks.

Now halfway through my 6<sup>th</sup> year I am continuing work in the CRL workshop, doing some v-scan diagnostics which I find interesting to work on. I look forward to more trips in the future. I have enjoyed all my trips away and feel I have gained a lot of experience and knowledge, and you also get a few good drams when your awa fae hame.



By James Adamson



Nelson Ritchie

## Meet The Director

Describe yourself in 20 words or less.

Better left for others to judge, according to my wife, fair, honest and direct. (Absolute crap at DIY)

When you were a child, what did you really want to be when you grew up?

Fireman.

Do you have any hobbies?

Work

What would you say is your biggest achievement in life to date?

Marrying my wife

What one word do you use most often?

Fine.

Tell us your favourite saying....

I can't, I would get in trouble

What makes you smile?

Opening the door to my house after coming back from a trip.

What makes you angry?

Anything I don't like, especially incompetence after learning.

Other than 'at home', what's your most favourite place in the world?

In my car

What would you change if you could live your life over again?

Nothing its great.

Who is the most famous person you have met?

My Father

Who would you most like to meet and why?

My great great great grandfather to see if he was a viking

If you could ask someone famous a question, who and what would you ask?

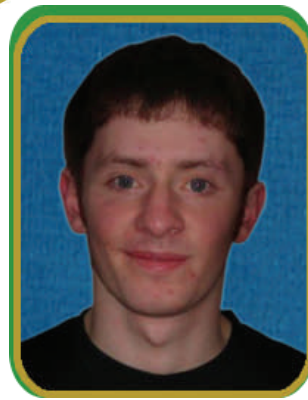
The size 10 guy that threw a shoe at George W Bush. Did you have to think twice about it before you made the launch?

What is the best lesson you ever learned?

Don't ever let someone put you down, get up and prove them wrong.

What advice would you give to someone still at school that wanted to become an Engineering or Administration Trainee?

Go for it, it may be hard sometimes but in the end you will be very happy you did and you will enjoy the experience, Don't ever give up.



Stuart Cowie

## Meet The Apprentice

Describe yourself in 20 words or less.

Easy going, hard working, up for a laugh.

When you were a child what did you really want to be when you grew up?

Race car driver.

Do you have any hobbies?

Build and race national hot rods and riding my motorbike.

What would you say is your biggest achievement in life to date?

Complete rebuild of my first race car.

What one word do you use most often?

Chief

Tell us your favourite saying...

Fit like chief?

What makes you smile?

Nights out with friends

What makes you angry?

Politics and spin

Other than at home what's your most favourite place in the world?

Crimond raceway

What would you change if you could live your life over again?

Don't have any regrets just small things that I would change

Who is the most famous person you have met?

John Cleland (British touring car champion)

Who would you most like to meet and why?

Jeremy Clarkson – He's a legend

If you could ask someone famous a question who and what would you ask?

I would ask BBC's Top Gear's Stig for a race.

What's the best lesson you ever learned

Lefty loose righty tighty

What advice would you give to someone still at school that wanted to become an engineering or administration trainee?

Stick in and work hard try to get the job that offers good opportunities and something that you enjoy doing.

## Promoting Engineering to Local Schools

Score continues to work with the local schools in the area to promote engineering as a lifelong rewarding career. We go to schools on a regular basis to give talks on engineering describing the work done by engineers, the training available, the opportunities available, the career prospects and the financial rewards. To encourage youngsters to take an interest in engineering we support the schools' engineering clubs. These clubs are set up to give youngsters the opportunity to take part in projects where they design and build working models. Score assists by giving advice during the design and building of these models or projects and we help with the supply of materials if appropriate.

Ellon Academy is starting an engineers club in 2009 and we will be giving them instruction and support to get it up and running. These clubs give pupils an insight into engineering and stimulates an interest which may evolve into them pursuing a lifelong career in engineering. We also support the skills for work programs run by schools and colleges. Peterhead Academy have 24 pupils on a skills for work program at the moment and we are providing the valves they require for their assessment work.

We will continue to strive to get the message across to school pupils to look at engineering as a life long worthwhile career.

---

## It's A Newton Book

### Businessman brings physics to book

**Publication, called *It's a Newton*, aims to simplify complicated science.**

One of the North-East's most successful businessmen has written a book which looks to strip physics of complicated formulas.

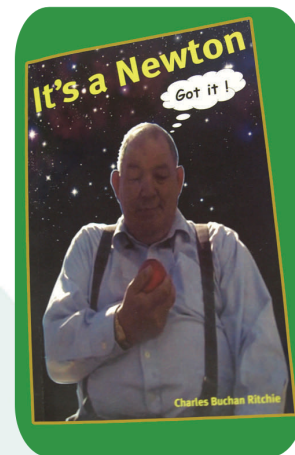
Charles Ritchie, Chairman and majority shareholder of Peterhead's Score Group, has published *It's a Newton* to share the knowledge he has gained during decades in the oil and gas industry.

The book focuses on the Newton, a unit of force, and re-examines some of the traditionally held teachings of eminent physicists on the topic.

Mr Ritchie said that he wanted to get his thoughts on the subject down on paper to help the dozens of apprentices who join his firm every year.

"This book is the culmination of my thoughts on the concept of force," he said.

"Force is the currency which engineers use to engineer things. I try to describe detailed things without using formulas, I use concepts."



Mr Ritchie, 61, went to St.Combs Primary School and then Fraserburgh Academy, where he left at 15 with no formal qualifications.

In 1982 he formed the Score Group of companies, which is still based in Peterhead and active in 36 different countries. The firm is now a major supplier of valve-repair and re-certification services to the worldwide offshore industry.

It is one of the north-east's unsung business successes, employing more than 1,400 people worldwide. In the past year, the firm's turnover soared to £108million from £83million previously.

*It's a Newton* is available at John Trail's bookshop in Fraserburgh or online at [www.itsanewton.com](http://www.itsanewton.com)

Story from the Press and Journal  
Newspaper 27th of December 2008