

# AS 9100 QUALITY

## INSIDE THIS ISSUE:

<i>Training</i>	2
<i>Machines</i>	2
<i>Computing</i>	2
<i>Industry Updates/News</i>	3
<i>New Factory</i>	3
<i>General News</i>	3
<i>Personnel News</i>	4
<i>Health &amp; Safety</i>	4
<i>The Last Word</i>	4

## Special points of interest:

- Scotland beat France 1-0

## THE ENVIRONMENTAL ISSUE

(NOW AVAILABLE ON THE WEB AT [WWW.CASTLEPRECISION.COM](http://WWW.CASTLEPRECISION.COM))

Wasn't it wonderful. Billions of people worldwide showed their support for the environment by turning on their tellies for 24 hours to watch Live Earth. Admittedly, a lot of old coal fired power stations had to be brought on line to meet the additional electrical demand, but it was worth it to see aging rock stars croaking out ancient ballads, as they jetted in with their not inconsiderable entourages. So are we in the aerospace sector contributing to global warming. Short answer; no. Longer answer; CO2 accounts for 0.054% of the atmosphere and water vapour accounts for 95% of all green house gases. Animal and decaying vegetation produced CO2 dwarfs man made CO2 emissions, and volcanoes put out more CO2 than all human activities put together. Then factor in that aviation accounts for 3% of man made CO2 it then becomes obvious that we are not the cause of global warming. The earths climate is driven by the sun and the magnetic storms it produces. CO2 emitted or absorbed by the



*In the words of that great philosopher Kermit "it's not easy being green"*

oceans depends on ocean temperature (the key factor) which takes hundred of years to change so CO2 production lags climate change by several hundred years. CO2 doesn't change the climate, the climate changes the level of CO2. But there are other reasons to be environmentally friendly. So what did Castle ever do for the environment? Well, for starters we now use flat panel screens and have stopped using CRT monitors. We now pass almost all information

electronically and not on paper and this newsletter is now distributed on the web and printed in duplex. Our brief to the architects for the new factory site highlights the need for the new factory to be energy efficient. We recently disposed of approximately two tons of non-sensitive paperwork and paid for this to be recycled. All our swarf is recycled and we were early in the UK to get revert working whereby scrap titanium is returned to the foundry for reprocessing.

## PROJECTS OFFICE RUNS THE GAUNTLET

The projects office has thrown down the gauntlet to the rest of the Castle workforce. Robert Smith, Michael McGill and Adam Clark took part in the men's health forum Scotland 10K run. Robert Smith had the best time of 50min 12sec and proclaimed himself the Castle champion. Michael McGill

had a very creditable time of 52min 58sec and Adam Clark had a personal best time of 57min 12sec. Although Robert declared himself the winner, clearly the real winners were the charities the boys ran for with over £500 being raised for Yorkhill and Medicine San Frontiers. Well done to the runners and to

those in the workforce & their friends for their generous sponsorship.

Since this event Robert was involved in a very serious road accident from which he is only now recovering. Our thoughts & best wishes go to Robert & his family & we wish him a speedy recovery & look forward to seeing him soon.

## TRAINING

The first parents/apprentices evening for this years new intake was held at the beginning of July. After an introduction by the Managing Director Alistair Rogers and Martin Rowe of Annesland College gave the boys an outline of the courses they would be attending. This was followed by a factory tour conducted by Willie Greenwood and George Kennedy; our internal verifier/assessors. After informal discussions Andrea Ferri, who organised the event, brought the evening to a successful close. This year the company has taken on nine technical apprentices in total which is the highest number the company has ever started in one year. This reflects both the standard of

applicants and the companies ability to train more apprentices.

Come November Andrea has planned to run several Health and Safety courses to cover various aspects of the safe use of slings (and catapults) Andrea will be coming to a section near you very soon to find out which employees will benefit from said training.

Although we said that there were no health and safety issues that's not quite true. It would appear that when one of the apprentices was asked to collect some coolant he decided to place it directly behind the back of the tradesman who made

the request. This resulted in said tradesman fracturing his elbow. As there is no training course to teach you common sense we would request all our youngsters to stop and think before they act.

Come this winter William Greenwood will be adopting a full time training role, similar to the one performed to such good effect by Robert Mowbray in the quality area. It is envisaged that Willie will personally monitor and document the progress of all apprentices to ensure that they properly acquire knowledge on all aspects of the function which they are performing. More updates nearer the time.

## MACHINES

Not to be confused with the new deep fryer in the kitchen, our new Citizen provides the company with new capabilities. Our first sliding head machine has the ability to manufacture long shafts and with it's sub-spindle we can transfer work pieces and do subsequent operations such as cross holes, circular interpolation or drill, ream and tap any type of thread. The multi bar feed allows

this machine tool to operate unmanned for up to 24 hours. The machine is proving valuable in the manufacture of extremely small hard to handle finished parts. The machine comes with it's own programming aid which unlike our existing CAD/CAM system works by a process of elimination. All options are presented and you discard the ones you don't need.



*The Doctor may have K9.*

*Meet K16*

*"Works by a process of elimination"*

## COMPUTING

The new asset register is currently undergoing testing. The register records the age and value of capital plant and will produce automated reports previously created with spreadsheets for accounts and insurance purposes.

Our new web site is now live. As well as giving an insight into the company there is also a section for job applications and a section for the

disposal of equipment surplus to our requirements. The site was developed by Pyramid design but will be maintained in-house. Our thanks to Nigel Brown for pointing out a problem with the downloading of this newsletter. This has now been rectified. If Nigel is reading this, thanks for doubling our readership figures.

The wages system is about to get an overhaul with time

and attendance records to be reported by the system to eliminate the manual transfer of lateness and absence to the Kalamazoo files. This enhancement will produce more accurate and timely information whilst cutting down on the administrative workload.

Damien has been given the role of training users in new aspects of the production control system

## INDUSTRY UPDATES

We were really pleased to be one of seven companies to receive a VetcoGray Supplier Award for our quality and delivery performance.

The Boeing 787 Dreamliner is currently running three months behind schedule for its first flight. Boeing is

promising to certify the plane in just 5 months. Lets hope they work miracles (Paris 1-0) because we make parts of the engine it flies with.

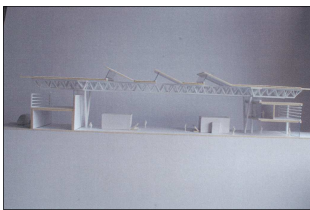
The first scheduled flight of the A380 Airbus superjumbo is due in October.

## WORLD NEWS

The sub prime mortgage crisis continues to spread around the world. This will not affect our planned redevelopment here at Castlemilk but if conditions get worse we may have to slow down our plans for the new factory headquarters until conditions improve.

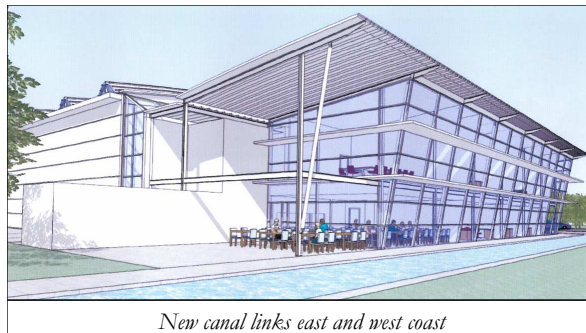
## NEW FACTORY HEADQUARTERS

As you are probably aware we are planning for the longer term to build a new headquarters factory just south of junction five on the M77. Twenty architects put in initial submissions and six

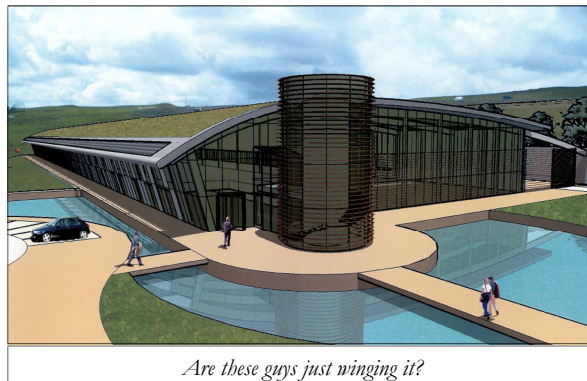


*Here's one I made earlier*

were invited to compete for the new facility. The six were whittled down to three. Here are images from the three finalists. In the end after an agonising decision process Bennetts Associates were chosen as the architects for their blend of strengths.



*New canal links east and west coast*



*Are these guys just winging it?*

*"Eeny Meany Miney  
Mo!"*

## GENERAL NEWS

We have completely refurbished our canteen. The premature demise of our dishwasher meant that the new industrial unit was fitted early. Cycle times have reduced from over one hour to 3 minutes per load. (My wife wants one at home.)

All the new appliances function much better with cooking times reduced by as much as two thirds. the cook should be able to cater for thousands! The introduction of gas hobs to the

kitchen and a new griddle give better control over the cooking. All in all a toasty has never tasted so good.

The addition of a 50" monitor in the board room has proven to be an invaluable



aid for presentations and training purposes. Attempts to add wireless keyboard and mouse have proven to be problematic but the unit still functions extremely well.

If you work hard, and apply yourself dreams can come true. Even miracles are possible. You can move mountains. But who would have believed Scotland could beat France in 1-0 Paris?



## PERSONNEL NEWS

Samantha Jamieson has joined the front office team as an office trainee. The



*How many front office blondes does it take to answer the phone.*

*Answer none - Anne gets it.*

average age in the front office is now about seventeen. (If you believe them)

A warm welcome to Jack O'Friel who joins us from Linn Products. Many of you will be familiar with Jack as he was often here in a quality role. Originally a machinist he is now returning to his

roots. (no connection to



*Former blonde till he lost it.*

Kunta Kinta)

Willie Greenwood who will be retiring at the end of November after 39 years service. (Just missed out on a cake!) Fortunately he has agreed to stay on in the training role in which he excels.

Allan Perry celebrated forty

years at Castle in July. Allan confessed he had (mostly) enjoyed his time at Castle.



*Well, we enjoyed having you here.  
(all of the time)*



Wizard Trainer & Harry Potter look-alike

## HEALTH AND SAFETY

[A FERRI]

This newsletter was pretty uneventful from a health and safety point of view. This is a good thing, but it does pose a problem for filling column inches. Don't get us wrong; we're not looking for accidents, just interesting safety issues to discuss. So looking a little further afield, what should you do if someone drives a blazing jeep Cherokee in through the front door. Firstly, don't panic. Step away from the vehicle.

Should a blazing individual approach you, determine what type of fire you are dealing with. Ask the person to wait a second whilst you get the correct fire appliance. CO2 extinguishers are good for most types of fire. Pull out the safety pin, and reassure the blazing gentleman that this will not cause an explosion, unlike that vest he is wearing. Point the nozzle at the base of the flames and pull the trigger.

[NB if at this stage he points a nozzle at you and pulls the trigger you should duck]

Once you have extinguished all the flames pull the excitable gentleman off anyone he is kicking the living day-lights out of. Calmly explain to him that he should really stop what he is doing and go and see a doctor. Do not be surprised when he tells you he is a doctor! Finally, if all else fails call John Smeeton!

## THE LAST WORD

Those of you who watch "I'm a celebrity, get me out of here" will be familiar with "B" list celebrities braving it out in the jungle. Yan Tiefenbrun the MD's son decided that wasn't extreme enough and has been trekking the Andes, ice-climbing, sky diving, white water rafting, bungee jumping, etc in an attempt to give his mother heart failure. However, the most extreme thing he did was working in an animal sanctuary with big cats. Walking pumas and

jaguars through the jungle has to be the most extreme travel activity of all time.



*Last one in is a sissy*

On the other hand, if you are going to trek through the jungle for hours at a time it's not a bad idea to bring a big friend along for company.

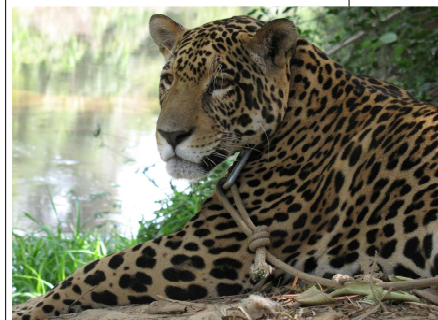
"Yeah though I walk through

the valley of death I will fear no evil, because I've got the biggest, meanest, toughest, man-eating, pussy in the valley walking beside me!"



*Dances with pussies*

*"It's hard to get  
insurance for a Jaguar  
when your only 19"*



*Jaguar Rupi*