



COMBUSTION TECHNOLOGY

FUEL CRISIS + CHEAP FUEL = DISASTER!

COMBUSTION TECHNOLOGY NEWS NEWS NEWS NEWS NEWS

The price of liquid fuels is rocketing! Of course this inevitably affects the bottom line profitability of any company. We are all trying to bring down our running costs in one way or another.

In recent years we have found that more and more of our clients are resorting to using blended fuels and cheaper fuels that are on offer in the market place.

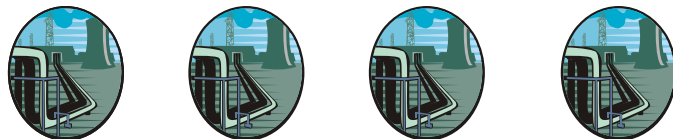
BUT are these fuels really cheaper in the long run???

Not always - in the supply agreement you will find that the supplier does not recommend the use of their fuel with gear pumps (mainly Suntec, who are the largest supplier of this type of pump to the burner industry in the world!) BUT, you are not told this!

Bear the following in mind if you are using or considering using blended fuels:

1. The components of the 'blends' are changing with each delivery. So your burner efficiency is changing, with no actual adjustments to the burners themselves.

Result - increased emissions from unknowns in the fuel and increased fuel consumption!



2. Clients complain of soot build-up in the boiler plant. This is largely due to imcombustibles - things that can not burn in the fuel itself. Once the fuel is set alight, it will all burn out, except the incombustibles!

Result - Soot build-up in boilers - more boiler cleaning and increased fuel consumption!



3. Inconsistency in the fuel qualities leads to loss of lubricating properties in the fuel and subsequent loss of the burner pumps.

Result - Higher maintenance and operating costs!

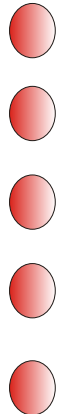
Our recommendation is not to use any blended fuels on offer in the market. Check with your oil supply company to ensure that you are being supplied Diesel, Paraffin or Heavy Furnace Oil in accordance with the relevant standardisations for those fuels e.g. CKS 142-1989 for Heavy Fuel Oil.

The Risk is **NOT** worth the savings!

Consider Modern Combustion Management Systems to improve the overall efficiency of your existing fuel supply and Burner/Boiler Plant, rather than a "QUICK FIX" cheaper alternative fuel.

The savings achievable can be as high as 58% - Check it out first!

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ina paarman

Chaswill Process Technology, a leading project management group, recently completed a project at Ina Paarman Foods in Cape Town. Clients of Chaswill include a selection of South Africa's top companies in the food, beverage, dairy and chemical industries.

At the Ina Paarman factory in Diep River Combustion Technology installed a 5 ton Garioni NGC 5000 boiler with a Riello Burner and Autoflame Combustion Management System. Once the equipment has been running for some time we will give a report back on the savings they are achieving in the factory.



The recent installation at the Ina Paarman factory in Diep River, Cape Town

spying shock



In one of our very first newsletters we discussed trade secrets and employees having access to important information in the workplace and what they can do with it.

The Sunday Times of June 24 covered the issue in an article entitled "Spying Shock". The International Bar Association (IBA) is investigating industrial espionage in South Africa and their findings will be released in November 2007. Early indications are that SA companies are being hit by industrial espionage on a large scale.

The IBA indicates that the biggest targets are multinationals, banks and financial institutions, law firms and technology-dependant industries. However this does not mean that other sectors are safe. Security experts say that it is happening across the board - from listed to medium and small companies.

Spies are being hired or planted in companies to steal trade secrets, strategies, research and development processes, production methods, client lists, business plans, marketing plans and sensitive information relating to deals.

The IBA is busy drafting guidelines that could help companies combat losses arising from industrial espionage.

"Increasingly, industrial espionage is being used as a tool by unscrupulous companies to gain unfair advantage over their competitors. The potential to suffer from industrial espionage is now bigger than ever," says Valentina Zoghbi, a lawyer involved in the IBA investigation in London.

The most common methods used by spies are the bugging of rooms and the tapping of telephones. There are other electronic means - accessing wireless networks, concealed MP3 players. Other James Bond style gadgets include video cameras as small as a sugar cube, fake smoke detectors and modified cell phones. Technology has certainly made spying easier but so have employment trends. The spying device may be a lowly paid cleaners or a disgruntled employee. Many executives are oblivious to industrial espionage and are too trusting of their own personnel and systems administrators.

We will keep you posted on the findings of the IBA in November this year.



boulevard blues band

The Boulevard Blues Band is very busy up until the Combustion Technology function in November at Spier Estate. If you would like to see them before November, they are playing at different venues around the Western Cape. Hopefully they will make it up-country sometime in the future!

SEPTEMBER 2007:

- 8th Fogeys in Muizenberg Electric Blues/Rock 8 30 pm till 11pm
- 9th Justwine The Double Bill Nil Trill with The Thunderbirds 6 30pm
- 12th Berties Mooring Wednesday Acoustic Blues.....8pm till 11pm

- 14th Nameless in Somerset WestFri Night TTBA
- 15th Die Boer.....One night of Blues/Rock only 8 30pm
- 16th Bloemendal Wine Estate Savignon Festival Sunday Rocks With BB and Southern Gypsy Queens
- 21st Graaf Reniet Rally Gooi the Boulevard Sous
- 22nd Harley Davidson Rally in Colesberg Sat.....Time to Rock
- 23rd Hermanus Whale Festival 10pm with Bed on Bricks and Watershed
- 29th Flaming Fox Parklands.....Saturday Rocks...8 30pm till later
- 30th Rocking the Daisies Music Festival...Sunday 12pm

CHECK OUT THEIR NEW WEBSITE www.myspace.com/boulevardblues FOR MORE INFO!



2007 is our 20th anniversary and we will be celebrating in style!

We will be hosting an afternoon blues jamming session with talented South African blues artists – The Boulevard Blues Band and Dan Patlansky.

Join us for a celebration of Blues music in the spectacular setting of Spier Wine Estate in Stellenbosch.



DATE
Saturday 3 November 2007

TIME
14:00 – 17:00

VENUE
Spier Wine Estate, Stellenbosch

COST
R 30 per person
Cash Bar Available

To reserve your seat and more information please contact

Jillian Jewell
Tel 021 715 3171
info@combustiontechnology.co.za

SPACE IS LIMITED SO BOOK NOW!

Singing the blues

STOP PRESS!

Combustion Technology is the main sponsor of the Table Mountain Blues Summit, being held at Tafelberg Tavern on Sunday 11 November 2007.

There will only be 500 tickets available for the event at a cost of R150 each. These can be purchased at Computicket.

Bands featured will include the Boulevard Blues Band, Dan Patlansky and the Delta Blues Band.

Don't miss this great event!

VACANCY



Due to increased workload we are looking for a Service Manager to run our Service department in Cape Town.

For more information please contact

Jillian Jewell

on 021 715 3171

or via email on jillianj@rielloburners.co.za

epic foods



During December 2006 the Combustion Technology Service team were called out to an emergency at Epic Foods in Johannesburg.

The boiler had blown up and thanks to the service team, the problem was sorted out timeously and without any major disruption to the production at the factory. Combustion Technology has since received an order for a new 10 ton Garioni Boiler, together with a burner and all Autoflame Control Systems. More news on Epic Foods in the next issue

Should you no longer wish to receive our newsletter, please advise us on info@combustiontechnology.co.za and we will remove you from our mailing list