



Refurbishing an old boiler

to control the burner, we're setting up the system so that they'll use as much biogas as is available before the system automatically tops up the consumption with natural gas in order to maintain optimum steam production without any interruptions.

Guarantees

"The cherry on the cake is the written guarantee Limpfield offers," says John. "Many suppliers say they can guarantee a fuel saving, but nobody actually puts it in writing as they do."

These burners provide high turndowns, typically between 4:1 and 10:1. This turn down is established by using a split gas head or a spider head.

The split gas head can be used on most applications and provides excellent mixing to maintain good combustion throughout the firing range. The unique spider head assembly offers the user high turn down ratios. It was initially designed to be fired when using fuels with high burning velocities such as propane or hydrogen. Unlike the split head, the fuel is introduced after the diffuser plate enabling the flame to establish good retention while maintaining excellent mixing.

Firm footing

Since visiting Steam Generation Africa just two years ago when the company set up shop in Midrand, they have established a firm footing in the steam industry, clearly indicated by a workshop filled with



The valve repair shop

boiler parts, burners and steam valves in various stage of repair or servicing.

"We now have an in-house valve repair and servicing section and have also set up our own test bench," John says in conclusion. "This gives us the flexibility of operating beyond normal office hours when customers have an emergency. From designing, through installing the coal handling operations and gas lines, we're now geared to handle everything up to and including the final point of use."

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