

INSIGHT

ASPIRATIONS OF SUCCESSES ARE MET

KEE Triton® aspirator provides cost effective oxidation upgrade



TRITON AERATOR/ MIXER

Float, Bridge and Wall Mounted options are available.

KEE ARE TO SUPPLY two Triton® Aspirators in order to improve an oxidation ditch in need of an upgrade.

The ditch serves the town of Ballykinler in Northern Ireland and the required upgrade comes as a result of aged equipment and an increase in the load the system treats.

To avoid an expensive upgrade, two of KEE's 3.7 kW Aspirator Aerators will be installed to assist the original rotor responsible for the aeration and mixing of the ditch.

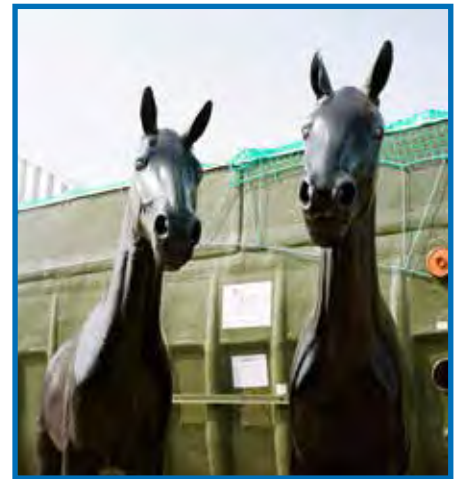
The Triton® Aspirators will supplement the original rotor by producing fine bubbles of aeration from aspirated air into the water. The Aspirators will maintain high velocities in the oxidation ditch. This will help to keep the biomass and the activated sludge in suspension.

The two new Aspirators will be float mounted and strategically placed to provide the required aeration and mixing process.

The new Aspirators will be installed without any disruption to the treatment process. This means that because the oxidation ditch will not have to be emptied, the plant will not experience any loss of treatment and the upgrade will be performed at a minimal cost to the customer.

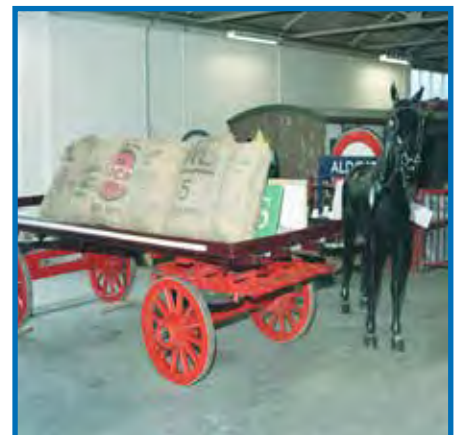
HORSES FOR COURSES

VISITORS TO KEE PROCESS were a little taken aback recently when two fibreglass horses rolled out of the manufacturing facility.



The horses were produced as a favour to the Quanton Railway Society with whom KEE Process Ltd have a longstanding relationship.

For twenty years the Society had been in possession of the historic cart, which was traditionally used to carry bales of cotton from the railway to the mills in Lancashire. The Lurry was originally owned by the Lancashire and Yorkshire Railway and was donated to the Society when the introduction of mechanical vehicles made the horse drawn cart redundant.



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STOP PRESS! AWARDED CONTRACTS

POLICE TRAINING CENTRES

KEE SERVICES LTD HAVE BEEN AWARDED A CONTRACT to manage and operate the sewage treatment facilities of four Police Training Centres.

The Centres are located across the UK with technology ranging from pumping stations through to complex sewage treatment plants. KEE Services' ability to provide a tailored and flexible management and operation solution was key to their success in winning this important contract.

KEE Service Ltd's contractual responsibilities will include:

- Complete responsibility for Management and Operation.
- Emergency breakdown call out.
- Routine planned preventative maintenance visits.
- Total management of all desludge operations.
- Weekly 'On-Site' sampling of effluent.
- Monitoring of critical plant performance indicators.
- Regular reporting on plant operation characteristics.

In addition, KEE Group will provide the Police Training Centres with a 'One Stop Shop' service for all the Centres. This includes a complete in-house maintenance and service package as well as advice on process modifications to improve the operation of treatment facilities.

CARE HOMES

KEE SERVICES LTD HAVE WON a major new contract to manage the sewage treatment plants of all the UK based care homes of a leading private health care organisation.

As part of their 'Elite' contract option, KEE Services are providing each care home with a bespoke service and maintenance package. This includes the routine tankering of waste, emergency breakdown call out and routine planned preventative maintenance.

The 'Elite' contract option provides the health care organisation with complete peace of mind and makes annual budgeting far simpler as there are no hidden or additional costs involved.

Included in the contract is the same level of electro-mechanical inspection as offered with KEE's 'Premier' service contract, with the following extras:

- Travel costs.
- Labour costs.
- Consumable items.
- Spare parts.
- Emergency breakdown call out.

PRESTIGIOUS HOTEL GROUP

IN A RECENT NEW CONTRACT win KEE Services Ltd are to take over the management and operation of the sewage treatment plant of a renowned five star hotel in Britain. The new contract comes as a result of the successful management and operation services KEE have provided for other prestigious hotels within the same group.

The hotel operates a Packaged Plant that treats loads generated from its various conference, leisure and golf facilities. As part of the contract KEE Services will provide all the routine service and maintenance duties, together with the management and supervision of the regular tankering operations.

A brief summary of the key responsibilities is outlined below;

- Complete responsibility for Management and Operation.
- Emergency breakdown call out.
- Weekly routine planned preventative maintenance visits.
- Total management of all desludge operations.
- Weekly sampling of effluent.
- Monitoring of critical plant performance indicators.
- Regular reporting on plant operation characteristics.

KEE Bio-Guard - a fat free diet for drains

THE BUILD UP OF FATS AND GREASE IN DRAINS has long been a headache for any business or organisation with a busy kitchen.

Waste from food preparation and dish-washing can cause a whole host of problems if left untreated. Here are just a few:

- Frequent emptying of fat traps.
- Hygiene concerns.
- Unpleasant odours.
- Emergency rodding.
- Unnecessary and expensive emergency call out charges.
- Disruption to services from blocked drains.
- Damage from flooding as a result of blocked drains.
- Lost revenue.

KEE Bio-Guard Offers A Permanent Solution.

KEE's Bio-Guard technology provides a simple and permanent solution to the unwanted build up of fats and grease. This revolutionary technology works by automatically providing a regular dose of liquid solution that contains microorganisms specially selected to degrade any fats, oils and grease in fat traps and drain pipes.

Not only is KEE Bio-Guard highly efficient, but it is extremely cost effective compared to similar systems currently on the market. Plus, for installation all you need is a 240 Volt single-phase non-switchable fused spur that is local to the system.

The Benefits:

Now your drains can enjoy a diet free of fats and grease. KEE Bio-Guard will not only ensure your drains remain fully functional, but provides a range of additional benefits including:

- Free running drains.
- Conformity with effluent treatment regulations.
- An environmentally friendly response to a pollution problem.
- Automatic dosing avoiding human error.
- Control of operational costs.
- Peace of mind.

There's really no better solution!

KEE Commitment to Quality

At KEE Services Ltd we are constantly looking at ways to improve our service to our customers.

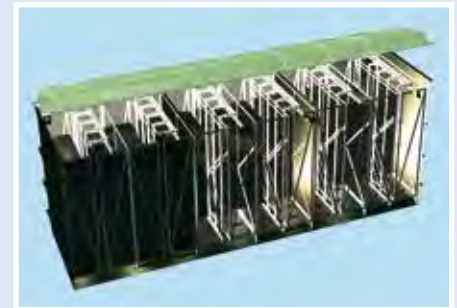
Over the last 30 years we have monitored our performance and developed a variety of processes and systems to make our operations more efficient. Consequently KEE Services became one of the first M&E contractors to hold the quality accreditation BS5750. Recent improvements to our systems have not only enabled us to comply with ISO 9001-2000, but have provided valuable customer feedback that caused us to re-evaluate the way we communicate with our customers.

KEE EnviroSAF Revolutionises SAF Plant Maintenance

NOW you can remove diffusers for maintenance without the need to remove the media or empty the SAF Tank.

KEE have patented a new technology that has revolutionised the maintenance of SAF plants. EnviroSAF provides easy access to fine bubble membrane diffusers. This means there is no longer any need to remove the media or empty SAF tanks during maintenance.

A process that used to require tanks to be emptied or temporary plants to be hired during maintenance has now been made much simpler with the launch of KEE's new fixed film technology. Where traditionally access to fine bubble membrane diffusers was difficult, EnviroSAF enables one set of diffusers to be maintained whilst the rest of the SAF plant continues to function and treat the wastewater.

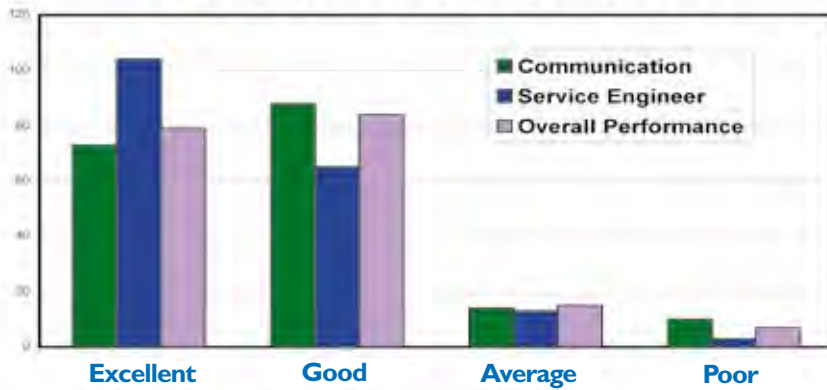


Cut-away view of the New KEE EnviroSAF

The KEE EnviroSAF uses patented structured media, which induces velocity and pressure gradients in the air/water mixture. This enhances the mixing and keeps the biomass film on the media active and aerobic. EnviroSAF offers all the process stability of fixed film reactors, but with the added advantage of using fine bubble diffused air, patented structured PVC media and ease of access for maintenance.

KEE have already installed a 2500 PE SAF System in Scandinavia using the new EnviroSAF technology, as well as a SAF System in Northern Ireland where the final effluent quality achieved was extremely high. We have also built a plant for UK Water plc and are in the process of building further plants for the same company.

Questionnaire Results 2004



'Excellent service engineer, - very thorough'

It is important that our customers are happy with all aspects of our service, from basic correspondence to site visits. In order to gain constructive feedback we randomly issue confidential questionnaires to our customers that focus on three key areas of our service: Communication, the Service Engineer and Overall Performance.

Typically only 12% of customers will respond to feedback questionnaires. Obviously the more feedback we receive the better, so we were thrilled that 37% of our selected customers completed our questionnaire last year.

We would like to take this opportunity to thank everyone who took the time to fill in and return the form. The information has not only given us a clear indication of where our strengths lie, but more importantly, the areas that we need to focus on and improve.

'Keep up the good work'

The chart shows how those customers who responded felt KEE Services performed in the three selected areas. We were pleased that on the whole our customers rated our services highly, but it was the comments section of the questionnaire that provided us with the most valuable feedback. 29% of the customers who completed this section complimented our service, 20% asked questions regarding their equipment or our additional services and the remainder offered useful suggestions for improving our service.

'your engineer was first class, most helpful and certainly knew what he was talking about'

One of the areas that seemed to raise the most concern was how we communicate with our customers both prior to and following a site visit. As a result we have implemented a number of improvements including:

- Where possible we now contact the customer by phone as well as by letter to advise them of a scheduled visit.
- Where customer sites are unattended, engineers now leave calling cards to advise they have visited and to highlight any issues that the customer needs to be aware of.
- Technology is being introduced to allow the option of email and postal contact with customers depending on their preference.
- Engineers are being issued with hand held computers. These allow them to log arrival times at sites and the job status when leaving. This real-time process enables us to provide post visit information in a matter of hours as opposed to days.

'the best service from any company we have had in a long time thank you very much'

There is still much we can do to improve our service. We hope that by continuously assessing our performance and monitoring the feedback from the questionnaires we will be able to implement new processes and invest in new systems in order to exceed our customers expectations in the future.

'after years of incompetent companies messing up our Wastewater Treatment System and charging for it, we were delighted to find such an excellent company as yourself - thank you'

KEE Nu-Disc® solves Welsh Water problem

KEE's patented Nu-Disc® technology has provided the ideal solution to the problems Welsh Water (Dwr Cymru) were experiencing at their numerous rural 'environmental conscience' sites.

Each site requires the ability to accept large unscreened flows, whilst maintaining and providing high quality final effluent. KEE's Nu-Disc® is a self-contained, covered, single piece packaged treatment system. It provided Welsh Water with a compact unit to replace their traditional filters made from slate media and square hopper bottom pyramid final clarifiers.

KEE has pioneered the development of packaged treatment plants with many thousands of successful solutions worldwide. Their Nu-Disc® treatment system offers a

reliable, cost effective and low maintenance solution for wastewater treatments sites that are not connected to main drains.

In their December 2004 edition of 'Welsh Water Capital Alliance/Dwr Cymru', Welsh Water's quarterly magazine, reference was made to the first introduction of KEE's technology at the Felingwm Waste Water Treatment Works in the South West of Wales. Since this installation KEE are pleased to announce that Welsh Water have placed a similar order for two sites in the North West and a further site in the South.

WE'RE STUCK ON NEW SOLUTIONS

KEE's new design and glue technology halves the time it takes to build a tank

WITH CURRENT HEALTH AND SAFETY LEGISLATION limiting the time workers are allowed to spend in confined spaces or at elevated heights, KEE's new sectional hopper GRP final clarifier design is set to take the industry by storm.

Having pioneered the use of GRP in wastewater treatment in the 1960s, KEE have since supplied many hopper bottom final clarifiers around the globe; many of which are so large they have to be assembled on site. KEE have now designed a new tank and an innovative gluing technology that means the whole tank can be assembled in half the time.

The new tank includes launders with sloping floors to ensure complete drainage. The weir plates on the launders are adjustable to permit fine-tuning and KEE's revolutionary gluing procedure has reduced the number of fixings required. The introduction of glue to the assembly procedure not only ensures that the tank's joints are stronger and do not leak, but the tanks can be erected in half the time it would normally take for a traditional bolted construction to be assembled.

HORSES FOR COURSES

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Mrs Mary Welsh of KEE Process Ltd, receives a special presentation picture from Mr Eric Miller (Dusty), Fund Raising Officer for Quainton Railway, Buckinghamshire.

Whilst the cart was an interesting artefact in its own right, the Society were desperate to find two life size horse models to really show it off. Having searched across the UK, they eventually stumbled across a theatre company in Bristol that possessed a horse mould. Now all they needed was someone to take the mould and produce the finished article.

KEE Process Ltd was pleased to oblige and added the horse mould to their fibreglass production line. The result was two handsome horses that now stand proudly on display alongside the Lurry at the Buckinghamshire Railway Centre.



PAS 99
Process : IMR 512239
Services : IMR 517921



BS EN ISO 9001
Process : FM 515540
Services : FS 517918



OHSAS 18001
Process : OHS 515542
Services : OHS 517920



BS EN ISO 14001
Process : EMS 515541
Services : EMS 517919



Specialists in Domestic & Industrial Wastewater Treatment

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