



BRIGHTSPARK

ACE ELECTRICAL NEWSLETTER

WELCOME

Welcome to our first 'BrightSpark' newsletter - a way for us to let you know what's happening in our business; to alert you to changes within the electrical industry; showcase new electrical products that can save time and money; showcase some of the interesting projects we've recently completed as well as introducing you to our team.

We'd love your feedback on the content of the newsletter - email: office@aceelectrical.net.nz - and go into the draw to **WIN** a bottle of wine.

CHRISTMAS HOURS

We will be closing on Thursday 24th December at 12 noon and reopen on Monday 12th January 2015.



We will have a team member 'on-call' during the festive season to sort out those little 'electrical' issues that might pop up. So if you find you need an electrician over the festive season, give the team at Ace Electrical a call on **0800 889 612** and we'll be there!

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Ace Electrical

CALL TODAY

0800 889 612

71 Anderson Street, PO Box 67, Morrinsville
P: 07 889 6123 | F: 07 889 6121



MILKING - NEVER EASIER

There is the idiom 'variety is the spice of life' and that is so true when it comes to electrical work - we at Ace Electrical enjoy variety.

We recently completed the wiring and automation of a robotic milking shed and washing systems.

The milking shed is almost fully automated with only a few jobs requiring the farmer's physical attention.

The milking shed automation includes a fully automated vat washing system that we built and installed.

This system completely washes the vat with a cold rinse followed by a hot chemical wash with either acid or alkaline depending on the day, and then cold rinsed ready for milk which starts flowing into the vat shortly after the wash finishes.

The wash cycles can be customised to the farmers requirements.

Replacement of milk filter socks is undertaken manually twice a day, one after each wash cycle.

Milk is cooled with a glycol pre-cooler which brings the milk down to a low temperature; the glycol system is wired to the Lely CRS



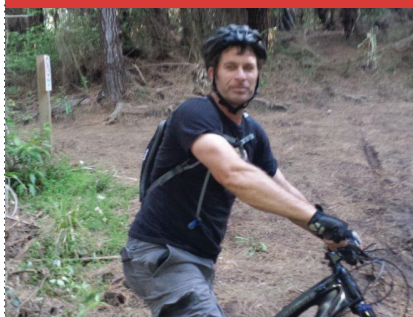
unit which signals the glycol pump to run only when milk is being pumped to the vat.

With four robotic milkers installed, milking around 320 cows, the automated system is very different from a conventional milking system with farm workers generally starting work at 7.30 to 8.00am in the morning, meaning, sleep-ins and more time to focus on stock and farm management.



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MEET THE TEAM



INTRODUCING **ALAN GELLERT** OWNER OF ACE ELECTRICAL

When not working in the business, I'm a keen outdoor man!

I enjoy all outdoor sports including mountain biking and spend any spare time riding the Te Miro mountain bike tracks. I also enjoy trailing riding my race quad motorbike and water skiing.

Married to Anglique, we have 4 children between us - so spare time is always full of family activities, which are important to us.

My proudest achievement of 2014 is completing the Body&Motion Biggest Loser Challenge, coming third overall - losing 40% of my body fat and increasing my fitness level immensely, making mountain biking a lot easier and more fun!

I've owned Ace Electrical for 20 years and have a fantastic team - including electricians Richard, Pete, Kerry and Trent and Pauline, who is your first port of call when you call Ace Electrical.

Watch for our next issue of 'BrightSpark' as we'll introduce Richard, who has been with Ace Electrical for 9 years.

KEEP COOL THIS SUMMER

With summer just around the corner, now is the time to be thinking about how to stay cool this summer and utilise the technology to stay warm next winter.

Heat Pumps - Deciding on what heatpump - which acts as a cooling system in the summer - can be confusing.

Is a heat pump more energy efficient than a wood burner? What are the benefits of a heat pump versus a pellet fire or gas heating? Will it be cheaper to run a heat pump or gas central heating?

Endorsed by government agencies and consumer advocacy groups alike, heat pumps are known to be one of the **most efficient forms of heating available**. In addition to this, they offer features that other heating cannot - like dehumidifying and air filtration, are also safe and easy to use.

The more energy efficient a heating system is, the cheaper it is to run. While the initial investment in a heat pump may be larger than say, purchasing a gas heater, the long-term savings on energy use are far greater.

The beauty of a heat pump is that the heat is instant, and the same is said for the 'cooling' factor - turn the heat pump on during the hottest hours of summer and your home will cool down in no time.

TIPS FOR EFFICIENT USE

- Only heat the space you're actually using, shutting doors and curtains to keep the heat in.
- Set the thermostat to a healthy temperature. Aim for a minimum of 18°C while you are using a space (or 20°C if you have children, elderly or people who are unwell in the home) and 16°C in bedrooms overnight.



- Learn to use the timer features. Don't leave your heat pump on all day if you're not there. You can set the unit to turn on half an hour or so before you get home.
- Clean the filter (inside and outside) regularly - at least yearly.
- Avoid using it as an air conditioner when you can.

If you're looking to cool your home this summer, or are 'over' chopping wood when it's raining during winter for the fire, and are unsure which is the right heat pump - give us a call on 0800 889 612 and we'll help you choose the right sized one for your requirements.

JUST FOR LAUGHS

A boy met his friend walking down the street with a whole sack of burnt out light bulbs. He asked him what he was going to do with all those useless bulbs. His friend replied, "I'm going to build a dark room".

What Thomas Edison's Mother might have said to her son:

"Of course I'm proud that you invented the electric light bulb. Now turn it off and get to bed!"

5 REASONS TO CALL US FIRST

- 1** Availability - now for emergencies, or when you need us
- 2** Your job is the right size for us - no job is too big, small or ugly
- 3** On time, every time - and we'll guarantee that.
- 4** Your complete electrician specialists including Rural, Domestic and Commercial maintenance and electrical construction.
- 5** Multiple solutions - something to suit your budget.



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