



## Tegel doubles up

A Tegel farm in Taranaki is expanding its growing capabilities and in the process doubling its size by duplicating an existing trial farm.

The ability to control ventilation and feeding systems in trial conditions is vital. This is where the expertise and precision of the JLE team is required.

For successful trials, birds must be raised in identical conditions on each farm, with growers controlling pre-determined variables to find out what conditions produce the healthiest birds for Tegel. JLE will play a crucial role by installing the systems that provide growers with the control they require.

JLE has been contracted to supply and install Skov ventilation systems and Roxell feeding systems – both of which are being shipped from Europe.

“Skov is an international industry leader in climate control and Roxell has led their industry for over 40 years. We’re more than happy to install systems we know will deliver optimum results for Tegel,” says JLE Director Charles Holm.

**For more information contact Charles Holm on 06 758 7394**

## New Operations Manger for Hawera

JLE Hawera’s new Operations Manager Rusty Jacobs comes to the company with an impressive background. Rusty has worked in power generation and electrical high voltage transmission and distribution for over 20 years, with over a decade of project and business management experience.

Rusty, who has a tertiary qualification in electrical engineering, has worked for a number of large companies. Previous roles were with ESKOM, who generate, transmit and distribute approximately 95% of the electricity used in South Africa, and ABB Ltd who provide power and automation technologies services internationally.

When asked what appealed to him about the role of Operations Manager at JLE, Rusty speaks about potential and growth.

“JLE is a young and dynamic company that is showing significant growth in the industrial, commercial and petrochemical industries, with opportunities for me to contribute to the company’s future growth and for personal development,” Rusty says.

“I’m really looking forward to being part of the management team that leads JLE into new and challenging ventures.”

Originally hailing from South Africa, Rusty and his family immigrated to New Zealand in 2003. They’ve settled in Taranaki, a place they find very peaceful after being exposed to the political unrest in Africa.



Aside from the amazing scenery here, Rusty is also impressed with the people in New Zealand who he finds honest, friendly, accepting and relaxed. But it’s people, especially his family and friends, that he misses most about Africa.

Outside of work Rusty has already established a fairly typical New Zealand outdoors lifestyle listing riding his dirt bike, playing golf, fishing, hunting and flying light aircraft among his hobbies.

**For more information contact Rusty Jacobs on 06 278 0000**

## New EC1 for Fonterra

A routine off-season job at Fonterra’s Whareroa site in Taranaki provided JLE Electrical’s team with a number of logistic challenges this winter.

JLE was contracted to remove the old mains board which supplied power to refrigeration, air pressure and water pumps, then install a new EC1 energy centre. The challenges were not in the electrical work itself, which was fairly straight forward, but the physical deconstruction and removal of the old board and installation of the new one.

Before deconstruction of the existing board commenced a temporary generator was installed to supply power to essential services while replacement work was underway.

With four transformers, the JLE team of five first had to remove all sub circuits and isolate transformers before the old board – approximately 9 metres wide and 2.5 metres high – could be removed from the building in four pieces. The room was 3 metres off the ground which required construction of a scaffold platform for access.

The new 3 tonne board was lifted into the room using two 5 tonne forklifts. It was then manually rolled into position, no simple

task with little room to manoeuvre and limited ceiling height. The pieces of the board were then bolted together and all cables and terming reconnected, as well as cable jointing completed.

As with all JLE projects, health and safety was a key consideration.

“We really had to plan this manoeuvre carefully, and we implemented a detailed safety plan to ensure everything happened without incident,” says JLE’s Project Manager Ian Drummond.

“It would have been great to have photos of the new board going in on the forklifts but we were all so focused on doing this safely, it just didn’t cross our minds at the time.”

**For more information contact Ian Drummond on 027 446 4923**



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## Message from the Managing Director

*Welcome to the Spring 2009 edition of our newsletter...*

I have no doubt that many of our staff will be happy the weather is warming up. Particularly the team working on Fonterra’s Edendale site who have been exposed to continuous rain and near freezing temperatures for the last few months!

There are a variety of articles in our newsletter this quarter but recurring themes are strength of JLE’s relationships with suppliers and (unsurprisingly!) the issue of health and safety.

At this risk of repeating myself, health and safety is paramount in our industry. It’s the first topic I bring up at every weekly management meeting and our managers actively check the safety audits monthly. We are proud of our safety record.

A tragic accident recently hit close to home. While not involving JLE in any way, the incident was on a site we have been part of. This reinforced to us all again how important it is to always follow health and safety procedures which are set out with good reason.

On to a brighter note, we’re proud to welcome Rusty Jacobs, our new Operations Manager in Hawera. You can learn more about Rusty on the back page of this newsletter. One thing he speaks about is the growth of JLE, what an exciting time it is to join the company and be part of new ventures.

Well established in industrial, commercial and petrochemical industries, our future looks bright with JLE bidding on multi million dollar jobs. The strength of our national supplier networks and relationships with suppliers makes it possible to feel confident when tendering for contracts of this size.

Ongoing negotiation is required in a volatile purchasing market but JLE is relentless in using our buying power to access best rates and service for our current and potential clients. We commit to developing and maintaining strong working relationships with our suppliers to ensure we are able to deliver the best at all times.

Regards,  
Stuart Bruce

## A high mark for noodles

A JLE job at Highmark Foods in Auckland has made it all the more possible for noodles to be brought to your plate!

Contracting to Heat and Control, Martin Stuart of JLE built a control system which is the power distributor for the noodle manufacturing equipment.

After the dried noodles are made they are conveyed through a myriad of devices to break them up and pack them into bags for sale. As well as distributing power, JLE’s control system manages the speed of the conveyors which is crucial to ensure correct timing for all aspects of the production line.

“If the timing is not precise, no part of the production line can work effectively so it’s really important that the speed of the conveyors is controlled,” says JLE Electrician Martin Stuart.

The system, which was developed by JLE, also includes a category three safety system. Once the control system cabinet was complete, Martin co-ordinated installation at the Highmark Foods factory with his fellow JLE team members.

**For more information contact Martin Stuart on 09 309 5220**



## High fives for energy-efficient lighting



JLE has been busy installing the first energy saving High Five lights in the Nelson Tasman area at Brightwater Engineering's workshop.

Brightwater needed additional lighting to support their 24-hour operation, now required for a new contract they've been awarded. JLE was only too happy to help install the extra lights, with electrician Peter Connelly sourcing a solution that involved brighter, longer lasting and more power efficient lighting currently in use at Brightwater's.

The managers at Brightwater Engineering are happy with the installation and it's likely they will fit out more of these new lights for the next production phase at their Nelson facility. In addition to the great visual effect in the workshop, the substantial power savings make it an easy decision.

High Five is an energy-efficient linear fluorescent high bay light that offers low power consumption while maintaining light levels. Users can save up to 40% of energy costs using the High Five compared conventional 400w quartz metal halide high bays.

"Once word catches on we expect to be installing these High Fives in factories, warehouses, cool stores, workshops and pack houses right across the top of the South Island," says JLE Senior Electrician Peter Connelly.

"It's great, these lights have lower load so we don't need to increase the capacity of the main supply when installing them. Our supplier is stocked and we're ready to go."

JLE is grateful to supplier Redpath Limited who provided a display unit so the managers at Brightwater could see the lights working.

As soon as approval to proceed with the project had been given, Redpaths placed the order and while they awaited the delivery they allowed JLE to get started using one of Redpath's own lights.

"This is yet another example of how well projects run when we work together with our suppliers," says Tom McKay, JLE Tasman's Operations Manager.

By carefully selecting the suppliers we work with, we can usually go the extra mile for our customers."

**For more information contact Tom McKay on 03 547 0526**



## Growing instrument services

JLE continues to invest in instrument capability and as a result is regularly contracted by high profile companies such as Origin, Fonterra, Tegel Foods and EDI Downer to complete regular alibration and shut down work.

Now providing the option of on site calibrations, JLE's fully equipped team of professionals will travel to the site of machinery at a scheduled time.

The overarching benefits of on site calibration are savings of time and money. On site downtime is minimised through careful planning and scheduling, with the option to calibrate multiple instruments in one visit as an added advantage. Potential transit damage to machinery is eliminated as are shipping costs and possible shipping delays.

"In today's quality-driven manufacturing and process control environment, our customers demand accuracy and on-time delivery to minimise disruption to work schedules. We don't just measure up – we exceed our customer's expectations," says JLE's Instrumentation Engineer Jon Seal.

JLE now has the ability to calibrate the following types of instruments on site: temperature (water bath and dry block), pressure (currently up to 100Bar), vacuum, level, current, voltage and frequency. Also Smart Instruments can be calibrated, including Hart and Foundation Fieldbus.

Other variables can be included by taking advantage of some strategic arrangements with JLE's partners nationally. As well as the capabilities across all JLE branches, there are also strong working arrangements with instrumentation companies who can assist in Auckland, Bay of Plenty and Nelson.



JLE technicians are also available for site servicing, maintenance, installations, testing and commissioning.

**For more information contact Jon Seal on 06 758 7394**

## JLE help bring world cup to Canterbury

The AMI Stadium is undergoing extensive development work as part of Christchurch's bid to host two of the rugby world cup quarterfinals in 2010. JLE is completing the electrical for mechanical services on this project for David Browne Contractors.

The \$60million project on the Eastern Stand will incorporate supporter's lounges, Canterbury Rugby Club offices and kitchens as well as the additional seating required to upgrade the stadium to an international standard. The new four level stand, to be known as the 'Dean's Stand' in recognition of one of Canterbury's leading families, will add almost 15,000 seats to increase total stadium capacity to 45,000.

JLE's work, spread over the four levels of the new development, includes all heating and ventilation wiring and associated controls.

"This has been a fairly straightforward project for us, aside from the usual challenges working on a high concrete structure," says JLE's South Island Manager Graeme Findlay.

"We're all pretty rugby focused here so it's quite exciting to think we're doing our part to bring the world cup to Canterbury!"

This project has been undertaken as part of Christchurch City Council's 'Target Sustainability' scheme with waste minimisation being paramount during the demolition phase. Only 8.8 tonnes from the 6,053 tonnes of waste material removed was dumped; the rest was recycled.

Four electricians are full time on site working towards completion just before Christmas, so there are some busy months ahead.

**For more information contact Graeme Findlay on 03 377 0040**



## World's largest milk powder tower

Constructing the world's largest milk powder tower on Fonterra's Edendale site was never going to be a project without challenges. As the building services and electrical contractor on this Ebert Construction job, JLE has shown real success where others may have failed.

JLE's staff of 10 has been a fairly minor contingent on this massive project which at times has had over 200 people working on site. Under the leadership of JLE's site foreman Bruce Anderson the team has installed lighting, general power and building services to Fonterra specifications.

A key achievement for JLE on this project is the demonstration that distance is no issue to successfully managing a large scale project, with project manager Bob Jones based in the JLE Auckland office while site manager Bruce Anderson worked on site.

"This demonstrates our ability to effectively lead projects across New Zealand," says JLE's Northern Regional Manager Michael Barron.

"With capable teams, the use of robust systems and strong supplier networks, anything is achievable."

The weather has provided a genuine challenge to those working on the site, located half way between Invercargill and Gore. The roof could not be installed prior to fitting plant equipment so the site was completely open to the environment through winter. While it didn't snow, being exposed to constant rain and freezing temperatures has been disheartening for at times, with potential safety hazards posing another daily challenge.

Hostile weather and the complications that working alongside hundreds of other contractors can bring meant JLE staff had to strictly adhere to health and safety practices. JLE prides itself on maintaining stringent health and safety procedures at all times and despite the

challenges presented on the Edendale project, JLE's health and safety record was unblemished.

The milk tower currently under construction is the fourth for Fonterra on their Edendale site. In addition to the huge 56 metre powder tower which has a 30.8 metre by 30.5 metre footprint, there are two other 21 metre high structures. JLE is proud to be working on another Fonterra project and is looking forward to its successful completion in the coming months.

**For more information contact Michael Barron on 09 309 5220**

