



## ISO 9001 Quality Assurance:

### Taking customer satisfaction to the next level

During February 2010, we, after much thought and deliberation, took a strategic decision for the company to become ISO 9001 compliant.

The initial driver of this strategy was to increase our work procurement opportunities through the ability to tender in markets where ISO 9001 certification is a tender requirement, and as a result of our lack of status in terms of ISO, we were often marginalized from tenders, or were forced to join forces with partners who were ISO accredited. This dependence on others was not ideal, hence the decision to move with the process.

During the documentation phase and with a better understanding of the ISO 9001 ideology it became apparent that the benefits of ISO 9001 are far more than just work procurement, and with management taking full responsibility, and all staff adhering to the systems it would result in more efficient and effective business practices, thereby ensuring higher levels of customer satisfaction.

We appointed an outside Consultant to assist with the internal work, and to get to a point where we could get SABS to do an accreditation

audit on our work. We also appointed Gary Hirst as the internal "Champion" to oversee and implement the whole process. He was assisted by many of our staff, as all processes in the Company needed to be integrated into the ISO model.

Following many months of hard work, and commitment from many people within the Company, I am pleased to say that the audit phase was recently conducted by SABS, and successfully completed on the 21st of April 2011. We have been given much credit by the Auditors regarding the commitment by our people towards the process.

The system will be known as the PQMS (Power Quality Management System), and will replace our old "Power Ways", which has served us so well in the past. Our Building Division has also been included in the certification process.

We recognize that this is the start of a journey of continual improvement, but would like to thank Gary and his team for all the effort that went to this achievement, and know that we can count on all to "live" the new PQMS.

CEO – André du Preez

## A big thank you, Geoff...

At the end of June 2011, Geoff Wright retired after ten years of dedicated service at the Power Group.

Initially working with the Power Group as a Consultant, Geoff joined us as the third Group Financial Director in May 2001. Under his leadership, the department has developed into an efficient division within the Group. This was proven during the 2007 restructuring, where the department transcended numerous operational challenges - aided by Geoff's leadership.



We will remember Geoff for his integrity, logical and clear thinking, as well as his ability to analyse complex problems and provide sound financial advice.

**The group will miss Geoff's expertise; we wish him a wonderful retirement!**

## And a hearty welcome, Michelle!!

We are pleased to introduce Michelle Harding as she fills the position of Financial and Business Development Director for the Power Group as of July 2011. Michelle brings a great deal of experience in financial and general management. She holds a Bachelor of Commerce in Accounting and Financial Management from UNISA, and a Diploma in General Management. She has held various positions in corporate and manufacturing companies like Sentrachem, Murray & Roberts and other international companies.



Michelle's career has included the responsibility for integrated financial management. In 2001 she became the Director of Business Development for Petzetakis Africa, the African division for an international pipe manufacturer with a construction and mining focus. In 2003 Michelle was promoted to the position of Sales

and Marketing Director for Sub-Saharan Africa and Australia. She was ultimately promoted to the position of Managing Director for Africa in 2006, a position she held until June 2009. During the past two years, Michelle worked as a Strategic Management Consultant to companies like Marley Pipe Systems.

Since January 2011, Michelle has been serving on the Power Group Holdings Board as a Non-Executive Director, on the Audit Committee and on the Remco. Her appointment at the Power Group will include business development. Michelle will assist the leadership team with the company's strategy to grow into other sectors, like mining and renewable energy, and the broader African market.

Michelle is boldly committed to ethical behaviour; she has a good reputation and is a well-respected business leader. She is married to Johnny and has two sons, JP and Jean. **We wish Michelle well in her new role and responsibilities!**

UNASHAMEDLY ETHICAL



# Projects

## Building division puts the 'B' back in busy!



The Building division experienced a very busy period during 2010, especially in the latter part of the year.

"We were able to keep all our teams busy and had to employ additional staff to ensure the successful construction of nine projects in Cape Town and two projects in Gauteng" says Bert.

Nationally the Building division successfully completed and handed over five projects, as well as a number of phases on three of the nine projects in Cape Town.

The Yacht Port Facility in Saldanha is the only facility in Southern Africa where yachts up to 100ft can be lifted out of the water to be restored and serviced inside a building 18m high. This fascinating building was completed in August 2010.

The Mbekweni Indoor Soccer Arena opened its doors in June 2010, in time for the World Cup. The first phase of the R53-million Drommedaris social housing project kicked off in October 2009. The second phase in Milnerton (Koeberg Road) was completed in February 2011.

The year has not been without its challenges though. The R118-million Eerste river housing project, consisting of the construction of 820 houses and related civil work, with an original start date of October 2009,

was delayed and only commenced in July 2010. The first two phases of 235 houses were successfully handed over to the client in December 2010. Other contracts in Cape Town include Chevron Refinery Building and student apartments in Durban Road.

Although most of the work being undertaken is in Cape Town, the Gauteng teams are also flying the flag high.

The Avis Facility near OR Tambo commenced in May 2010 and the team successfully achieved practical completion on Phase 1 in August. This fuelling and washing facility mainly consisted of concrete work, structural steel, pipe and layer works - the first project of this nature for the Gauteng team.

The Alrode project commenced in August 2010, involving the construction of huge foundry bases built on piles, and the construction of the gate house and offices.

Bert says the fact that the housing and commercial side now reside under one umbrella within Power Construction has assisted in utilizing people and resources better. Examples of this combined service are St. Helena Reservoirs, Saldanha Yacht Port building, Chevron building and civil work, Eerste River housing as well as the A-Berth buildings and civil work.

Bert Duncker, National Executive



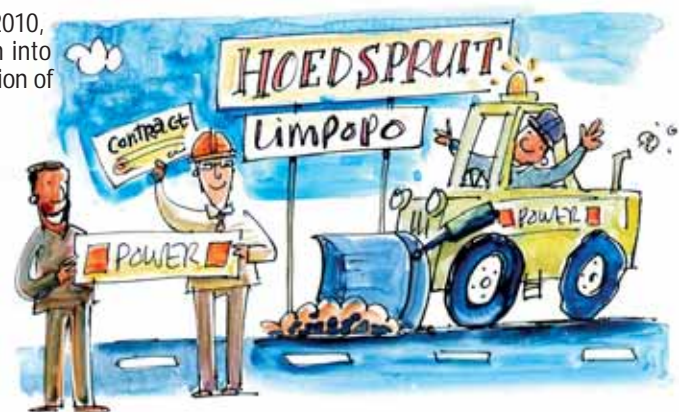
## Exploring new frontiers in Hoedspruit...

The handover of Hoedspruit in September 2010, marked the entry of Power Construction into the Limpopo Province, for the reconstruction of the National Road R40 section 5 between the R533 and Hoedspruit.

The duration of this R146-million contract is 18 months, with completion planned for March 2012. This section of the R40 starts in Bushbuckridge located in the Mpumalanga Province and ends in the picturesque town of Hoedspruit in Limpopo. SANRAL is the client with Vela VKE, the Consulting Engineers.

The contract includes: 65 km shoulder repair; edgebreak repairs; patching and cracksealing; 24km base reconstruction; 24km asphalt; 65km single seal; road marking and road signs; repairing and replacing drainage structures; bridge rehabilitation; reconstruction and upgrading 5 intersections and construction of 9km pedestrian walkways.

Yaseen Fortune heads up a truly national Power team, supported with staff from all the various regions. A big thank you to the team, for their commitment to the success of the contract.



## Safety and teamwork keep Siyavaya JV on track

Power is one of five companies comprising the Siyavaya Joint Venture together with partners Group Five, Liviero, Bophelong and Umso, which was awarded two contracts for the Gauteng Freeway Improvement Project (GFIP), aimed at upgrading the freeway network in the Province.

The scope of the work for the R2.1-billion Package E project includes the N3 highway from Van Buuren to Heidelberg intersection (E1) and N12 Highway from Elands to Reading intersections (E2).

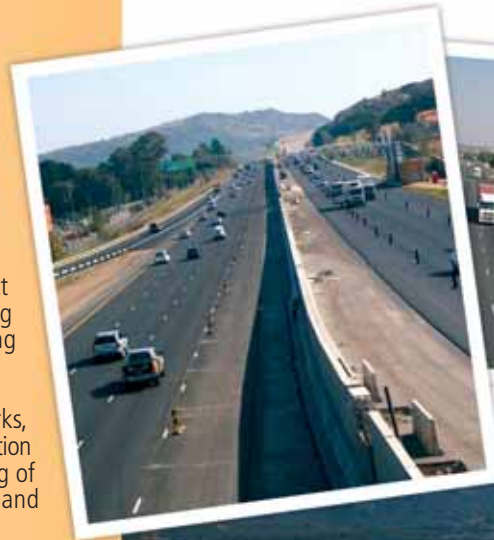
The project is split at about 30% structures and 70% roadworks, with the latter involving a combination of upgrading and rehabilitation of existing road, upgrading of all major intersections, widening of existing roads including blasting of cuttings and electrical and signage upgrades.

The structures consist of a combination of upgrading and widening existing culverts, upgrading and widening existing bridges, new bridges for new off-ramps and on-ramps to major roads and a major upgrade of the Elands interchange (N3 to N12) including a new 430m incremental launchbridge (switch ramp).

Gerrit Cornelissen says the successes of the project include good teamwork and integration of the JV partners, as well as proactive management of asphalt rehabilitation by using scanning technology, leveling beams on milling machines and multi-lane paving.

The projects have also achieved an amazing safety record as well as incident free hours. This is despite significant challenges, including blasting of existing anchor rock faces and rehabilitation. Traffic accommodation has also been a challenge with several areas of work being restricted to off-peak times.

Package E should be completed on schedule by November this year.



## Coastal Cruising forward...

Power Coastal benefitted from last year's Soccer World Cup when it was awarded a contract to upgrade the playing field at Loerie Park Stadium in Knysna. The project comprised the removal of the whole pitch to certain depths, importing crushed stone drainage layers, replacing topsoil and also installing subsurface drains. All this work was completed in less than 10 weeks and well within the strict FIFA specifications.

In June 2010, Power was awarded a contract valued at R17,5 million for the construction of large bore stormwater pipes, as well as a series of flood retention ponds to improve the stormwater management in area NU29, Motherwell, by the Nelson Mandela Bay Municipality. The project was completed in February 2011.

2010 also saw the recommencement of work at Wedgewood Village Golf and Country Estate, where another portion of the civil work was completed over a period of three months. In the meantime, an earthworks unit was established in Grahamstown to move some 25000m<sup>2</sup> of overburden at one of the kaolin mines.

In September 2010, Power was awarded a R9 million contract to complete the Welgelegen Access Road from the Estate to the N2 on the outskirts of George. Despite the much needed rain during the construction phase, the project was completed by 15 December 2010.

According to Paul Thiert, the Coastal teams are expected to be awarded some of the large projects that were tendered for in the Port Elizabeth area. It is encouraging to note the marked increase in roadwork tenders in the Province, as well as numerous enquiries advertised for housing projects by the Metro through the Housing Board.

## Budget and logistics test the Vryburg team

Handover of the Vryburg contract took place in May 2010, to reseal the national route N14 Section 8, starting in Vryburg in the North-West Province and ending on the North-West/Northern Cape provincial boundary. The original contract was extended by SANRAL adding another 12 months to the original contract, with completion now due in March 2012.

SANRAL is the client, with Consulting Engineers Vela VKE. The original contract works include:

- 85km shoulder repair
- Edgebreak repairs
- Patching and cracksealing
- 22km base reconstruction
- 22km asphalt
- 85km single seal
- Road marking and road signs
- Repairing/replacing drainage structures

The increased scope entails the widening of the whole length of road by 1.3m on either side. This will dramatically increase the safety on this section of road.

Johan van der Westhuizen and his team are on site. The logistical issues of working in this area in terms of premix and bitumen supply have been challenging.



## Ontwikkeling by Kleinmond-hawe op dreef

Power Construction has been appointed for the upgrading of Harbour Road. Installation of the civil services of the Harbour Development Infrastructure in Kleinmond. The construction period is 21 weeks.

Bouwerk aan die eerste fase van die Kleinmond-hawe projek het reeds begin. Die fase behels die bou van parkeerterreine, die aanlê van hoofrioollyne en die opknapping van waterpyplydings en 'n stormwaterstelsel. werksgeleenthede sal tydens die konstruksiefase geskep word en Power Construction is seker daarvan dat die unieke karakter en geskiedenis van die dorp en sy mense sal in die projek voortleef.



According to the Mayor, Ms Botha-Guthrie this project will not only bring advantage to the fishermen and residents, but to Overstrand as a whole in terms of:

- The provision of long awaited infrastructure of a safe harbour
- Economic growth
- Investment opportunities
- Tourism promotion
- Job creation

## Power / M&R Construction JV put unique spin on Zeekoegat WWTW Upgrade

The Murray & Roberts Construction Power Construction joint venture (M&R Construction Power JV) is making excellent headway on a R190-million contract to execute Stage 1 of the upgrade and expansion of the Zeekoegat wastewater treatment works (WWTW) near Pretoria, on the Pienaars River.

The contract was awarded by City of Tshwane in October 2010 and calls for the construction of a new 40 M/day BNRAS (Biological Nutrient Removal Activated Sludge) module to boost the existing capacity of the WWTW. Completion is scheduled for early 2013.

Detailed design and supervision of the extensions was awarded to the BAKV3 joint venture, comprising BIGEN Africa Services and KV3 Engineers.

The JV will supply 15 000 m<sup>3</sup> of concrete, 47 000 m<sup>2</sup> of formwork and 1 600 tons of reinforcement for Stage 1 of the Zeekoegat WWTW upgrade and expansion.

The modifications to the existing works include supply and installation of a third 8 mm screen; construction of three additional vortex degritters

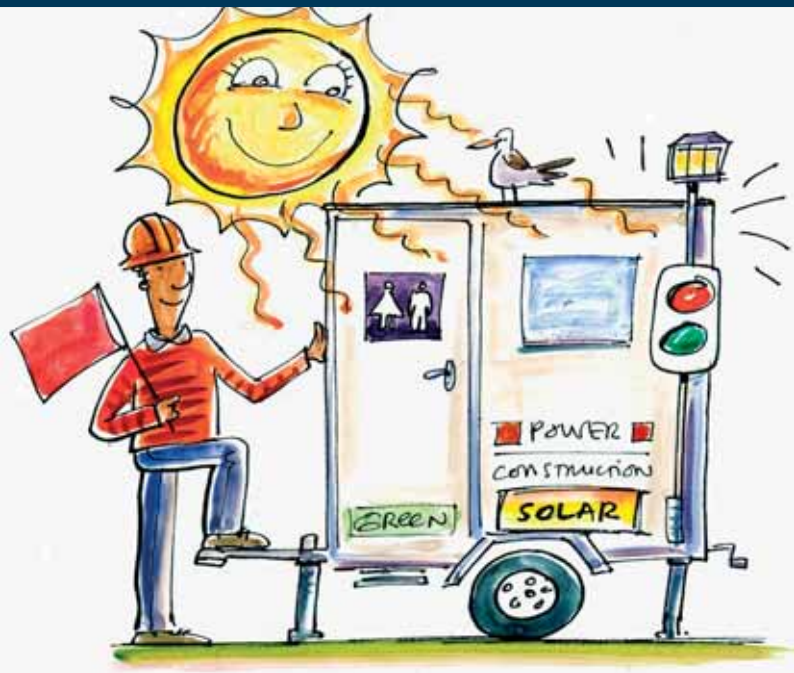
and a new division box to split the flow between the existing and the new module and construction of a new finescreen structure.

The contract includes three new conventional 25 metre diameter primary settling tanks, equipped with rotating bridges and scrapers. A new 10 000 m<sup>3</sup> balancing tank will allow a six hour retention period and will be equipped with 16 vertical shaft stirrers to prevent the organic matter from settling. Two identical new biological reactors, each capable of handling 20 M/d, are being constructed and configured to incorporate several process configurations.

Included in Stage 1 are four new 35 metre diameter secondary settling tanks, equipped with rotating bridges and scrapers. A new chlorination contact tank has been sized to handle the eventual total flow of 85 M/day.

An additional estimated electrical load of 4 MVA will be required for the extensions to the plant. The bulk power on site will be distributed to various 11 000/400 V substations and mini-substations.





## Power's Plea: Drink responsibly... And don't do drugs!

The need to implement a policy relating to the abuse of Alcohol and Drugs in our work domain stemmed from the frequency of incidents which surfaced over the past three years, albeit minuscule in comparison to the social pandemic experienced in the greater areas in which Power operates. We've drafted our policy with the focus being to assist in the awareness, prevention, identification and treatment of Drug and Alcohol abuse.

Elsa Simpson (our Employee Wellness Practitioner), and Robert Qwabe (from the OD department) have visited sites in the last quarter of 2010 to inform employees about the existence of the policy. Their focus was primarily to accentuate the need for all employees to be exposed to a safe working environment, free of dangers which have arisen as a result of a fellow employee's intoxication. There is no room for self-inflicted impairment in the workplace, especially in our situation where the dangers are exponentially magnified by the hazards prevalent on construction terrains.

With this in mind, our company will embark on testing employees for both alcohol and illegal drugs at random, at the start of a project, or based on reasonable suspicion. With the testing taking place anytime and anywhere during working hours, it will hopefully discourage the irresponsible use of substances. Employees are encouraged to consume alcohol responsibly, and to refrain from using illegal drugs.

Should assistance be required, Elsa Simpson may be contacted at 083 782 1249.



## Solar Traffic Control Huts

Traffic control huts have been around for many years consisting of many pieces that must be moved around site quickly. Petrol generators and rechargeable car battery systems have been the order of the day, which all have a negative impact on the environment.

We saw the need for a compact and clean energy traffic hut that was quick and mobile, while at a reasonable price to stay competitive in the market. The new trailers had to meet the required specification in most of our contracts. This was made easier with the new technology available and we were able to reduce the current used to power the lights and two way radio. The other challenge was to have all the attachments as part of the trailer which included a toilet. These units consist of a chemical toilet, traffic light, spotlight and a cabin for the flag person as protection against the elements. The units are totally self sufficient using solar power.

Power Construction is proud to say that the company enhances the protection of our environment.

## Green Power!

At the Waste Minimisation Summit held in March 2010, it was estimated that the Western Cape has 5 years worth of landfill space left. Power decided to do its bit to ease the load and care for the earth.



Power decided to do its bit to ease the load and care for the earth.

By throwing paper and envelopes into the recycling box instead of the bin, you not only add less waste to the landfills but you save money. Power pays to have its waste collected. The more waste there is, the more often it needs to be collected and the more we pay.

All the buildings are scattered with recycling bins for white paper and mixed paper (eg: envelopes, magazines, newspapers, etc). Feel free to add any waste paper from home to the boxes as well. In addition there are 4 bright orange recycling bins in the parking area at Head Office. If you would like a recycling box for your office or site, please contact Michelle Rossouw.

Just recently, Power also started recycling printer cartridges through Green Office. Alfreda Wiggins and Paul Adams both have boxes where empty cartridges can be deposited.

## By caring for the earth, Power cares for its people.

Do your part to make Power green and remember:  
**God Recycles - He made you out of dust. Gen 2:7**  
By: Michelle Rossouw (Finance)



## Power does it again!

Power Construction received recognition at the Professional Management Review Awards (PMR Awards) ceremony held in April 2011. In the Business Sector: Power Construction was rated highest with an overall rating of 4.00 out of a possible 5.00, and received the Golden Arrow Award.

The awards are based on a survey conducted in the Cape West Coast Region during October, November and December of 2010. The ratings are based on the perceptions of the respondents (corporate and senior government officials in the Western Cape Province).

The purpose of the awards is to enhance and recognise excellence in the industry. Through the awards, PMR Africa wants to acknowledge and set a benchmark in the industry for others to aspire to. The awards create an opportunity for companies to recognise their people for the success in achieving excellence in product and customer service.

# Accolades

Well done to the winners of the most coveted award in the company; the Forrester-Jones Merit Awards for Construction and Services for 2010: Wilhelm du Toit and Brian Cupido respectively.

Brian is a very strong ally to the operational managers in handling industrial relations. Brian's popularity among the construction teams is a measure of his caring nature and the competence with which he handles the IR portfolio.

Wilhelm's award was based on the role that he took on successfully completing our single largest project to date, the R21, Olifantsfontein. This project was presented with many challenges, and Wilhelm's role provided the Client and

## Forrester-Jones Award winners



Brian Cupido receiving his award from Graham Power.



Wilhelm du Toit with his award, and André du Preez

Consulting Engineer with confidence in our ability. The project was required to achieve 4 lane traffic status before the commencement of the 2010 World Cup, which was not a contractual requirement, but was achieved.

Upon receiving the award, Wilhelm thanked his leadership, and specifically his team on the project, and he dedicated the award to the late Brenda Xhungu, with whom he had worked for most of his career.



We congratulate Jacques de Villiers on winning the Master Achievement Award at the Dale Carnegie course. He is the second person from Power Construction to have accomplished this, and it is a great achievement. The course consists of 12 sessions over a 12 week period. At the end of the course a graduation is held where all the graduates nominate the person who they feel has grown the most over the duration of the course. It is therefore a major achievement, knowing that the other 28 graduates are also in the running for this coveted prize.

Jacques, we are really proud of you!

## Brons en Goud vir Arnu in Christchurch!



"Christchurch, New Zealand...

My eerste en heel waarskynlik my laaste Wereldkampioenskappe. Dit is elke keer 'n groot voorreg om my land te kan verteenwoordig en hierdie was my beste ervaring nog. Die gevoel om op die podium te staan en jou eie volkslied te hoor kan deur min dinge in die lewe vervang word. God kom op sy eie manier elke keer dit

"restore" wat die duiwel dink hy gesteel het. Die vriendelike en gasvrye Nieu Seelanders het daartoe bygedra dat ek hulle land baie geniet het. Ek is so bevoorreg om elke dag dit te kan doen waarvoor ek lief is en ek waardeer julle almal se ondersteuning hier by Power ongelooflik baie."

## Power's compassion and generosity recognised.

The Power Group received a commendation from The National Department of Social Development and The National CSI Registrar for its continued compassion and generosity demonstrated towards social upliftment and for the emphasis management and stakeholders have placed on the essential Corporate Social Investment pillar of the Broad-based Black Economic Empowerment charter.

The National CSI Register was established to compile a database of statistics and research information of all organizations and their activities pertaining to Corporate Social Investment or Social Development. In recognition for the Power Group's commitment to enriching the lives of so many fellow South Africans, The National CSI Registrar certified the company for its achievement as a **PLATINUM COMMUNITY CONTRIBUTOR**.



"Be the change that you want to see in the world". Mahatma Gandhi

Congratulations to Deon Mackinlay who passed the British Standard qualification for advanced concrete technology and qualified as a concrete technologist, BS (MCT), the result of hard work and dedication and we are very proud of him.



# News from our Staff



## Baby Boom!

Congratulations to the following staff with the birth of their babies:

- Charl and Leana Chambers - baby girl
- Robert and Yolandi Genis - baby girl
- Bradley and Venetia Adam - baby boy
- Nomazizi Lehetha - baby girl
- Nadene and Stephen Benvenuti - baby girl
- Padriag and Tanya O'Connor - baby boy
- Michelle Williams - baby girl
- Rushdi Brown and Delicia Tait - baby girl
- Thulani and Sisanda Ntanda - baby boy
- Byron and Juanita Irion - baby boy
- Maryke and Jaco Mey - baby girl
- Rowayne & Ilse Jacobs - baby boy
- Ralton and Jade Erasmus - baby girl
- Alwyn and Anolda Bean - baby girl
- Thandi Mjoba - baby boy
- Reinier and Ronelle van Zyl - baby girl
- Avril and Mericia Stone - baby boy
- Margaret Motlafi and Brian Ndlovu - baby girl
- Chantel van Rooy - baby boy
- Heinrich and Karen Rautenbach - baby boy
- Heinrich and Valencia Solomons - baby boy
- Bradley and Melicia Solomons - baby girl
- Brian Cupido and Evadne Michaels - baby boy

### Engagement wishes to:

- Brian Cupido to Evadne Michaels
- Justin Greentree to Jackie Pharo

### & wedding bells rang out for:

- Candice & Timothy Adams
- Clayton and Candice Prins
- Wayne & Nikki Pretorius
- Gerrit & Stephani Mintoor
- Ashleen & Llewellyn Joorst
- Dalton & Chavonne Edwards
- Bowie & Josephine (Jozi) Williams



**Long service awards**  
Well done to the following people who received long service awards.

25 YEAR	20 YEAR		10 YEAR		
Glennville Cullum Percy Knight	Heinz Baumker Estelle Voges Leonard Laka Frikkie Lombard Abraham Isaacs Derek Esterhuysen	Danie Mouton Josef Magau Nigel Pepper Ernest Vuso Bert Duncker	Timothy Evans Brian Cupido Marlene Cronje Monde Manjezi Marius Vermeulen	Sakhumzi Tyhimi Gavin Van Wyk Josua Van Tonder Sue Taylor Marinda Breytenbach	Juan Van Niekerk Marlise Pretorius Lodewyk Bothma Norman Hanevil Kholekile Malati

## Pleased to GREET you!!

As the first point of contact for most of the people who deal with our business, our team of friendly and multi-talented receptionists is, in many ways, the face of Power Construction.



From left to right: Thelma Nell, Carol Peterson, Thandeka Mjoba ▲

We asked them to provide us with some insight into what it is about their jobs that keeps them smiling and gives them the ability to always create such a good first impression with our clients and visitors.

*"Working at reception everyday is different and challenging as you never know what to expect. It's wonderful to interact with people on the phone and even better when you meet the person and match the voice with the face. After so many years I still find joy in what I do."*  
▲ Thelma Nell

*"The most important thing I like about my job is that I've learn to deal with different characteristics of the people, and to improve other languages. I have also learn that professionalism must be demonstrated at all time, and communicate with clients internal and external decently - over the telephone, and the interaction with colleagues. We also learn to treat our clients with equity."*  
▲ Thandeka Mjoba

*"Each day has its own challenges, but i really love what I am doing!"*  
▲ Carol Petersen

## News from our Chaplain

The Power Group's vision is to 'Better the lives of people in Africa through infrastructure development'. In 2010 we had the great privilege of doing just that as our teams built roads to ease the traffic around the World Cup; constructed houses and townships for thousands of families across the country, and contributed to the economy by providing civil services and infrastructure. It is wonderful to know that no matter what task one has within the Power Group - whether you're a clerk, a machine operator or an engineer - you're part of a family that is helping our nation to grow. Each person's efforts help us to achieve our God given goal. Surely this is what Paul meant when he said 'Whatever your task, work at it with all of your heart as if you're working for Christ and not for men' (Col 3.23).



Another major blessing that arose from the Power Group in 2010 was the 10th Anniversary celebration of the Global Day of Prayer; founded by Graham Power in 2001. In 2010 over 400 million people from every nation on earth gathered on Pentecost Sunday to pray for their towns, cities and countries.

In May 2010 we also launched the Unashamedly Ethical campaign internationally and in December 2010 we already had close to 9000 individual signatories from 73 countries, and close to 2000 organizational signatories in 43 countries.

It is wonderful to see more and more people taking a stand for values, ethics and clean living!

### God bless you, Dion Forster (Group Chaplain).

To find out more about faith in the work place please see the book 'Transform your work life: Turn your ordinary day into an extraordinary calling' by Graham Power and Dion Forster - <http://bit.ly/transformwork>

Thanks to the good performance of the company in 2010 we have also been able to make a tangible contribution to the needs of thousands of people across the country through the generous giving of our Power Group Charitable Fund.

**POWER**

**GROUP**

A picture says a thousand words...



Cape Town

Tel: +27 (0)21 907 1300  
Fax: +27 (0)21 905 2284

Gauteng

Tel: +27 (0)12 621 8000  
Fax: +27 (0)12 661 8627

Knysna

Tel: +27 (0)44 302 5500  
Fax: +27 (0)44 302 5529

Port Elizabeth

Tel: +27 (0)41 463 1782  
Fax: +27 (0)41 463 1786

[www.powergrp.co.za](http://www.powergrp.co.za)

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