

PROJECTS

MAGAZINE

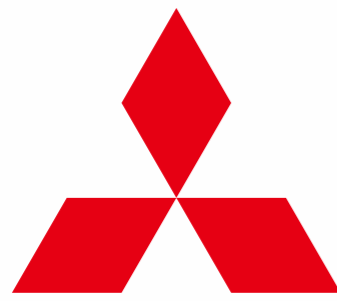
December 2019 / January 2020

Best Western Plus
Westlands Hotel





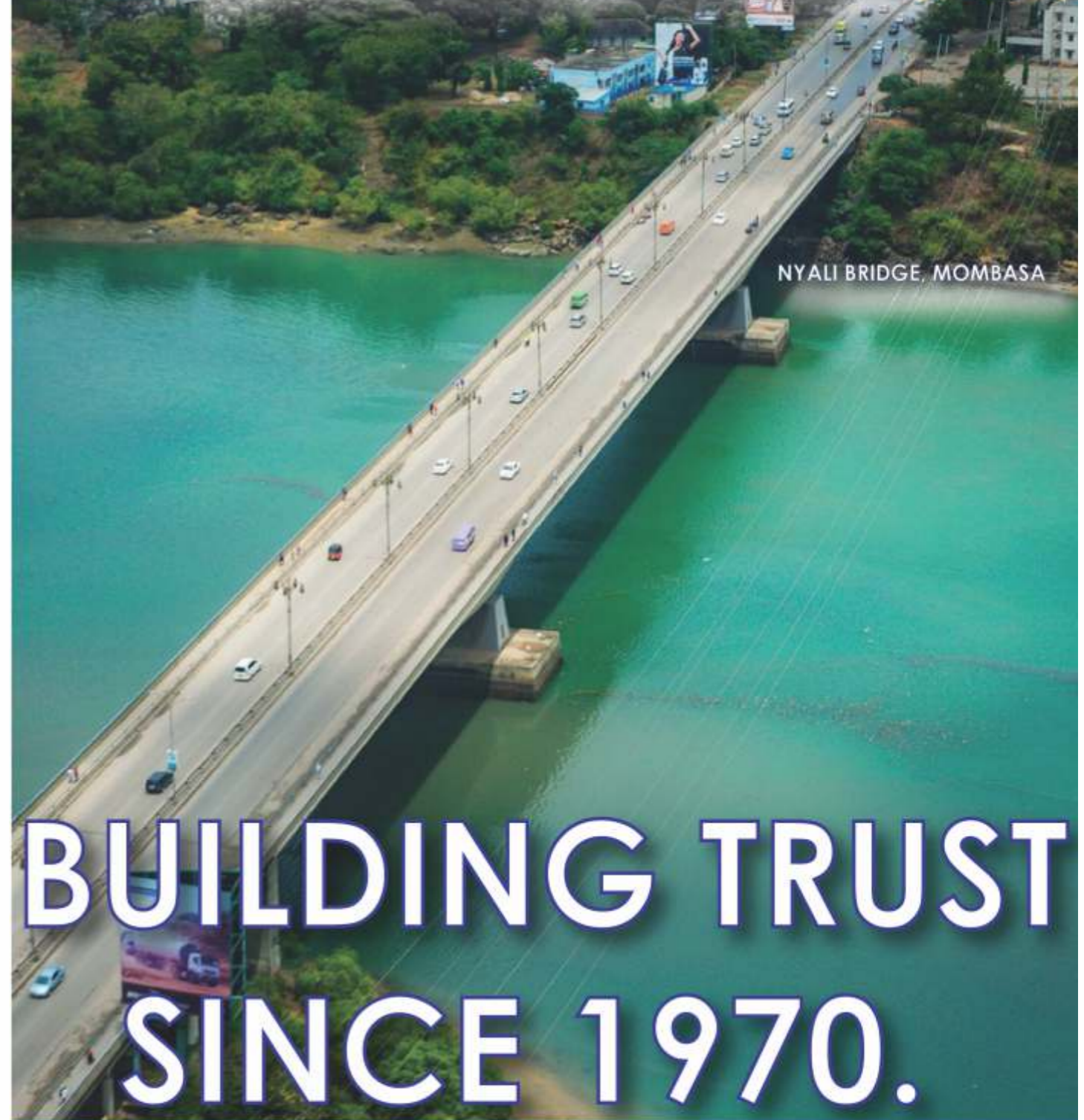
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OASIS LIFE GAINS MOMENTUM WITH SUCCESSIVE LAUNCHES

Rabie's retirement brand, Oasis Life, is gaining momentum in November as two new exciting developments are being launched and three fully furnished show houses will be revealed at the beautiful Oasis Life Clara Anna Fontein. Even though each development is unique to its environment and specific resident, the golden thread of Oasis Life's four pillars is weaved throughout: financial security, physical security, healthcare security and lifestyle security.

Oasis Life Century City

The tremendous success of Oasis Luxury Resort in Century City, where all 375 apartments were sold ahead of completion, was an indication of Century City's potential as a sought-after retirement address. Residents praise the lifestyle they enjoy – a perfect blend of modern comforts with the serenity and easy access to nature.

Oasis Life Century City will rise along the water's edge of the previous Ratanga Junction site. We are not only rehabilitating the water body, but will be increasing its size, aiming to create not only a new recreational destination for water activities, but additional habitat for the exceptional bird life that is already established in Century City.

A luxurious Lifestyle Centre will form the core of the retirement estate, with access to a top-notch restaurant, games room, gym, undercover heated swimming pool, library and media centre. Add primary healthcare and expertly designed apartments with top-notch finishes and you'll be blown away by this world-class retirement lifestyle!

Phase one will include 62 luxury apartments ranging between 81m² to 165m², and one-, two- and three-bedroom options. Secure resident parking will be available in the basement and open parking bays for visitors. Prices for one-

bedroom luxury apartments commence at R3.8m up to penthouses priced from R8m. We are getting ready for our launch event, which will take place on 7 November 2019 at the existing Oasis Luxury Retirement Resort, Century Way, Century City.

Oasis Life Burgundy Estate

Oasis Life Burgundy Estate is set in the successful Burgundy Estate, Milnerton. With the suburbs of Cape Town to the south, the beaches of Milnerton and Blouberg to the west, and the winelands of Durbanville Hills to the north, Burgundy Estate Cape Town borders the vineyards of the historic De Grendel wine farm less than 20 kilometres from the centre of the Mother City.

Burgundy Estate has its own mashie golf course, three schools and convenience shopping centre, and our Oasis Life estate will boast its own premium clubhouse and recreational facilities for exclusive use by Oasis Life residents.

You'll have a choice of free-standing cottages, which will have varying types and sizes, with one bedroom/one bathroom and two bedrooms/two bathrooms depending on the size. These homes will have carports or garages, depending on the type. Furthermore, we offer apartment living in low-rise buildings of various sizes.

Our clubhouse will include a concierge, restaurant, library and technology room, doctors' rooms salon, laundry service, bar and breakfast counter. You can meet your friends for a delicious breakfast or pot of cards on the terrace while enjoying a glass of wine in the afternoons.

Furthermore, at the gym, you'll be able to walk or run on the treadmills, cycle, use the rowing



machine or do general toning. A pool and multi-function room allows you to choose a variety of activities. Not really a gym bunny? We aim to balance sufficient green open spaces, walking paths and a bird hide with living areas. You'll be able to enjoy the outdoors in a safe and secure environment.

One-bedroom apartments will be priced from R995 000, up to R2.4m for a stand-alone two-bedroom cottage.

The official launch of Oasis Life Burgundy Estate will take place on 21 November 2019.

Oasis Life Clara Anna Fontein

The views are to die for and the calm, beautiful country setting is comparable to none. Less than 5km away from all modern amenities such as restaurants and shopping centres, Oasis Life Clara Anna Fontein in Durbanville, Cape Town, is a luxurious, unique and unparalleled retirement destination.

Our show houses are taking shape, as well as our clubhouse. We are busy constructing

homes of three different sizes and lay-outs to display some of the choice purchasers have – there are 9 options in total to choose from. Each home has an exclusive use garden, braai area and garage as well as high speed internet through Fibre-to-The-Home.

We are excited to meet you at our fully furnished show houses from 15 November. We have asked two interior designers, Peet van der Merwe from Chrome Interiors (also responsible for the look and feel of our Lifestyle Centre) and Terry Perlman from Terry Perlman Interior Decorators & Project Management, to furnish and decorate our show houses in different styles. This will allow you to see how each home's potential is explored in various ways, which will hopefully give you some inspiration for your own home! Oasis Life Clara Anna Fontein has already sold a substantial portion of homes of its first Phase. One-bedroom homes are available from R2.38m up to three-bedroom homes from R4.18m. All homes are single-level stand-alone house, with garages.



Buried Beneath Good Intentions

SACPCMP

The South African Council for the Project and Construction Management Professions

— CONSTRUCTING NEW PERSPECTIVES —

Why SMME Development is crucial to our Industries

Written on behalf of the SACPCMP by
 Jeff Pipe (Pr Eng; Pr CPM; Pr C Mentor; A Arb)
 Projects Director: Archway Projects

October 2019 - By now, we have all heard about the local communities stopping projects across the country because the local SMME (Small, Medium and Micro Enterprise) is not being given opportunities. Whilst some of the community may be deemed political opportunists, there are many within the community who just want an opportunity to improve their skills and have a better life.

The Government realises that it needs to address this imbalance and is trying to implement a development programme for SMME building and civil contractors. But if we are truly serious about SMME development we will need to do a lot more than introduce new policies. There is, simply put, a clear limit to what new or modified policies can achieve in the quest for industry transformation.

It's one thing getting an SMME contractor onto a project - but if the administrators of the project are not sufficiently committed to the SMME contractor's development, very limited progress will occur, regardless of which company names are listed on the formal project documentation. Indeed, to achieve successful SMME development of the sort Government desires, it will surely be necessary to re-structure major portions of the project life-cycle to ensure that each phase is explicitly geared towards SMME development.

The bottom line is that our industry needs to factor SMME inexperience into its methodology if meaningful development is going to occur. We

all know we need to help where we can with developing SMME contractors, and that the current imbalance in our industry will lead to future complications for South Africa as a whole. It's crucial however, that this mind-set is given effective practical shape when it comes to the project life-cycle and general methodology. Without very clear, tangible interventions we stand in danger of being buried beneath our own good intentions.

There are many of us who have many years of project management and construction experience that could make a remarkable difference in this country's future by all of us getting involved with SMME mentorship and development. It's a matter of not standing and watching it go wrong; rather, rolling up our sleeves and getting involved in making it right by helping to develop the next wave of construction companies to ensure their successful future in return of this country getting better-quality buildings and roads whilst making a huge improvement to the employment situation.

The SACPCMP has professional registration categories specifically focused on mentorship. The organisation encourages those with more than ten years of construction experience and a desire to make a difference to apply as a Professional Construction Mentor (Pr C Mentor) or Construction Mentor (C Mentor) and get involved with the roll-out of the next generation of contractors. Get involved and get registered!

The South African Council for the Project and Construction Management Professions (SACPCMP) is empowered by section 18 of Act No.48 of 2000 to certify, register and regulate the Project and Construction Management Professions.

For interviews, comments and queries, contact:
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Contributions

The editors welcome news items, press releases, articles and photographs relating to the Construction Industry. These will be considered and, if accepted, published. No responsibility will be accepted should contributions be lost, damaged or incorrectly printed.

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Best Western Plus Westlands



Exterior building

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Located directly behind the renowned Sarit Centre shopping mall and Expo Centre, the hotel sits just off the city's main highway, close to the Central Business District and KICC and only 20km from Jomo Kenyatta International Airport and Nairobi National Park.



Pent House Cam2

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Pent House Cam1

Whether travelling for business or leisure, Best Western Plus Westlands provides thoughtful touches to enhance every stay. From relaxed business meetings over freshly brewed coffee at Craft, our all-day-dining restaurant, lobby bar and coffee shop, to more formal gatherings in one of the five meeting rooms on our dedicated

meetings floor, we have free high-speed Wi-Fi throughout for maximum productivity.

To restore energy levels, our gym is equipped with the latest cardio equipment, while our 101 well-appointed, air-conditioned guest rooms provide superlative relaxation, with 49-inch



Deluxe King Room



Executive King Room

television, 24-hour room service, bathrobe and slippers as standard.

For a landmark food and drink experience, set to the stunning backdrop of the Nairobi cityscape, look no further than Asiatic, our pan-Asian bar and lounge, set to become the city's most compelling new rooftop destination. Craft beers and urban cocktails meet a menu of spicy, enticing sharing plates and Asian soul food, creating a lively rooftop haven

from lunch until the early hours. (Opening December 2019) The spectacular views also extend to many of our guest rooms, some with a terrace or balcony, including the luxurious Penthouse Suite with private outdoor hot tub.

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plus the option to connect directly to an additional guest room, ideal for families or groups.

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programme, Best Western Plus Westlands is the ideal base during your stay in East Africa's most cosmopolitan city.



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We are proud to be associated with
the construction of Best Western Plus
Westlands Hotel Project

NEELCON CONSTRUCTION SERVICES LTD

Neelcon construction services ltd is a professional construction company founded in 1991 by the director Naran Hirani. The company became a limited liability in 2000. We have since then completed various projects all around the region, with other projects in Uganda and Tanzania; working around the region to deliver value based engineering services.

To assist our client to get the best value for money, we employ qualified and experienced staff.

No matter the scale, scope and magnitude of the project we are undertaking, the same standard of excellence is always applied. This implies that, whether, we are building a big project like a multi-million shilling lodge in th

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in Kisumu or a smaller project like a tennis court for the High commissioner we then aim for excellence. At the heart of our

projects, we use modern software including Quickbooks, CAD and Primavera's Suretrak Project Manager to effectively and efficiently plan, design, construct, and manage projects. With the director's professional experience in value engineering, we go a long way to help the client get the best value for their project and make construction projects successful.

We continuously strive to help our customers with all their foundation needs because we believe that a solid and sustainable foundation is the most important part of the building process. With increasing global demand for eco-friendly and energy efficient living spaces, we Neelcon construction services has made a commitment to local communities and the

environment to do our part in promoting sustainability in new building construction. This in turn enables us to offer the highest quality residential and commercial construction services.



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MOST
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WITHIN
THE REGION

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The company ensures that wherever applicable environmental status as per NE-MA and UNEP is maintained. In addition the materials and wastages are carefully handled.

Our company runs under and adheres to the state rule and regulations that governs and authorizes the existence of such a construction company. Our long existence in the construction industry together with our expertise personnel, we have delivered quality and economical construction services to our clients.

Regarding Safety measures our company has employed trained safety personnel to ensure required standards are met.

Some of the ongoing and currently completed projects includes and not limited to:

Aberdares Conference Hall



CLIENT: Madhvani Group
ARCHITECT/QS: Madhvani consultants
PROJECT: State of the art conference hall at Aberdares country club- Nyeri
VALUE: Kes 37m

KAKAMEGA COUNTY ASSEMBLY



CONTRACT VALUE: Kshs 499 Million

PROJECT: County assembly chambers and ultramodern office block

STATUS: Project commenced Sept 2015 on hold after commencement, awaiting financial allocation.

The company has a well structured organizational team headed by Eng. Naran Hirani as the Managing Director. He works with a team of professionals so as to deliver effective and efficient timely service to the clients. These key personnel include the Accounts Officer, Secretary, Alt. Director, Purchases Personnel, Projects Manager, Site Agent, Logistics/Haulage, Subcontractors, Site Engineer, Site Stores, Fabrication Crane Electrical and Site Liason Personnel and a Site Supervisor with whom the Masonry, Carpentry, Steel Fixing, Concreting/Control and Finishers departments are under.

Skyward Express Ltd - WILSON AIRPORT

CONTRACT VALUE:
Ksh 158 Million

PROJECT: Office block with aircraft hanger at Wilson airport

COMPLETION: 40 Weeks (May 2017) STATUS: Ongoing 95% complete A design and build { turnkey} project By Neelcon



The company has the infrastructure to carry out works in remote areas and well is equipped with necessary tools and equipments; radio communication, gps surveying equipments, satellite phones and other rugged machinery.

The company has recently acquired land in Mara with plans to build a luxurious resort.

The directors experiences whilst at Laxmanbhai Construction including prestigious hotel projects such as White Sands Mombasa and the Nairobi Serena hotels helps in achieving International Standard workmanship, timely completion with value based services.

Having come to an understanding that we serve the humanity, our company undertakes charity and social activities as a way of giving back to the society. The company is fully in support of charity and social cause and is actively participating in this. To name a few following

activities have been undertaken.

1. Building of cattle concrete trenches in Maasai land (Kajiado and Ol Tukai areas)
2. Building an orphanage for Nairobi Muslim Womens group at Cost to cost basis in Ka-ren. This is still ongoing and the consultants are M/S Ali Seif Associates.
3. The company regularly pays fees for needy children in various schools of remote areas.
4. Distribution of food and clothes are regularly carried out at orphanage homes in Nyeri. (Superior Saj Welfare group)

Total cost on above activities from last one is about Ksh285, 000.

The director Naran Hirani is socially involved in many organizations and is an active committee member in many of them including Lions Club, Wild Life club,



Cattle trench in Masai land

Employees get together in the 2.5 acre yard

Orphanage for muslim women Welfare group. Built at cost to cost.

Despite constructing residential and commercial projects, we also undertake institutional projects, shopping malls, hotel and lodges. For example, International School of Kenya as below:

INTERNATIONAL SCHOOL OF KENYA

ARCHITECTS: Beglin Woods

CONTRACT VALUE: Ksh. 229 Million

CLIENTS: ISK– financed by American and Canadian government.

PROJECT: Prestigious new school with administration blocks and 6 blocks of double storey classrooms, set on contoured ground. Including site works as road works, parking areas, drainage and foot paths.



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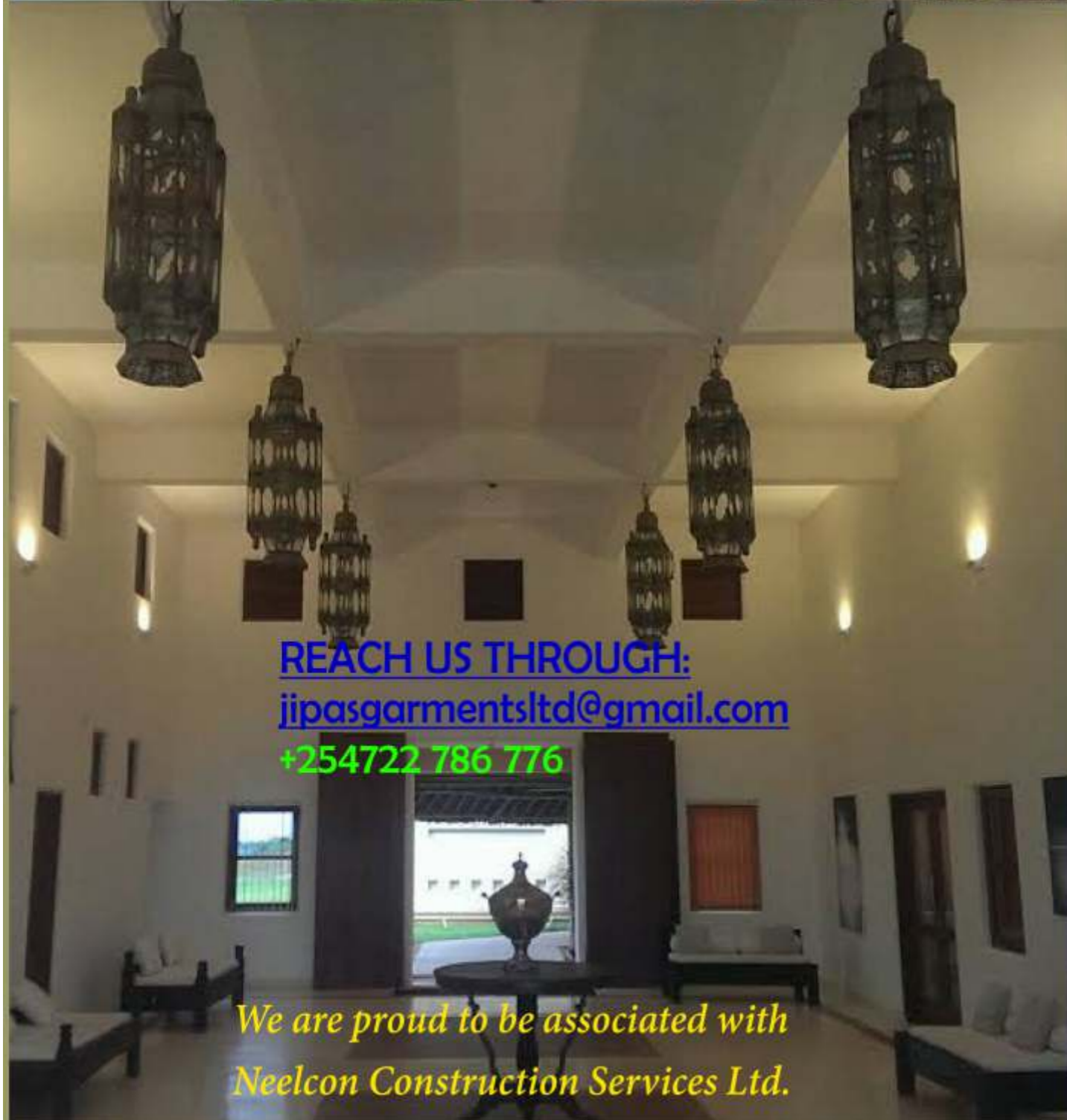
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SKF's customised seal and tool solution delivers hassle-free operation for Western Cape customer

“SKF South Africa remains steadfast in its commitment to deliver the best-fit solution to meet customers' requirements and we always make every effort to ensure that their expectations are exceeded,” states André Weyers, Technology Manager Seals and Machined Seals at SKF South Africa. “This mandate came to the fore when we assisted a customer in the scrap-based steelmaking sector with an innovative customised solution that included the manufacture of seals as well as installation tools.”

When the customer decided to reopen the Western Cape plant, the 45° hydraulic hot billet shear on the 700 ton press needed refurbishing. However, just a few weeks after the newly refurbished component was installed, the hydraulic cylinders began leaking which not only posed a serious fire risk but also resulted in costly downtime. As the hot billet shear is situated in close proximity to the red-hot billet (850°C - 1000°C) the possible leakage of hydraulic fluid can set fire to the equipment. Moreover, the leakage of hydraulic oil around the shear makes it very slippery which could cause serious injuries to staff, whilst the clean-up material could land in waist fill or greywater drainage.

In mid-March 2019, the customer approached SKF Authorised Distributor, West Cape Bearings, who has been very active on the plant since its reopening supplying spares, etc. for assistance. “The solid relationship we have developed with the customer as well as our experience gained from working on site gave us an in-depth understanding of the problem,” explains West Cape Bearings owner, Philip Fouché. “We turned to SKF's Seal Division as a specialist in this field for a resolution.”

SKF and West Cape Bearings share a formidable business relationship spanning several years and are in sync when it comes to delivering product and service excellence to customers. “Having conducted numerous site visits together with Fouché and his teams in Brackenfell, Saldanha and Paarl who share the challenges that they encounter in the market with us, we have jointly solved many a customer's burning issues.” Upon assessing the 700 ton press, the SKF Seal Division discovered that several honing processes over the years had led to severely oversized hydraulic bores and this meant that the required tolerances for optimum performance did not exist! SKF also recognised that due to the condition of the old equipment, the barrel had to be honed to a large extent to remove all pit and score marks, making it impossible for standard off the shelf items to perform satisfactorily. “With the problem urgently needing attention, we recognised that the best solution would be to manufacture new seals in order to accommodate the new parameters,” explains Weyers. “Thanks to the SKF NG60 Sealjet Machine we were able to propose a customised seal solution for the 45° hydraulic hot billet shear to our customer.”

This local state-of-the-art Sealjet Machine has the capability to machine seals from 4mm ID to 600mm OD which is sufficient to cover most application requirements, enabling SKF South Africa to offer customised solutions in rapid turnaround times to customers across Sub-Saharan Africa. Weyers adds that if larger seal sizes are required, SKF can still support customers with endless seals up to 4m in diameter from its facility in Judenburg, Austria.

A further challenge that SKF had to resolve



centred on the assembly process itself. Weyers explains that previously the equipment had been modified to solve the symptoms rather than the cause. “This left the hardware with grooves in the barrel that made successful assembly impossible. To overcome this, we designed special tools to ease the installation process without causing any damage to the seals.” SKF specifically designed these tools on the NG60 sealjet machine so that they can be successfully removed after installation and re-used.

Although SKF was not responsible for the equipment's fiscal assembling, the company provided the customer with several best practice tips, whilst West Cape Bearings offered WE201 and WE202 training.

The rugged tools were sold to the customer as part and parcel of SKF's seals solutions, bringing significant value add to the overall package. The utilisation of the customised seals and installation tools provides the customer with several benefits. The fast turnaround delivery of the solutions minimised plant downtime for maximised production and profitability.

Wrapping up Weyers says, “We are extremely proud of the fact that thanks to these customised seals all environmental hazards have been minimised while safety levels have been further increased. This project yet again demonstrated the successful collaboration between SKF, West Cape Bearings and the customer's engineering team.”

AMPCO proudly unveils the game-changing AMPCO Gen 2 plastic range



ENGINEERING SOLUTIONS



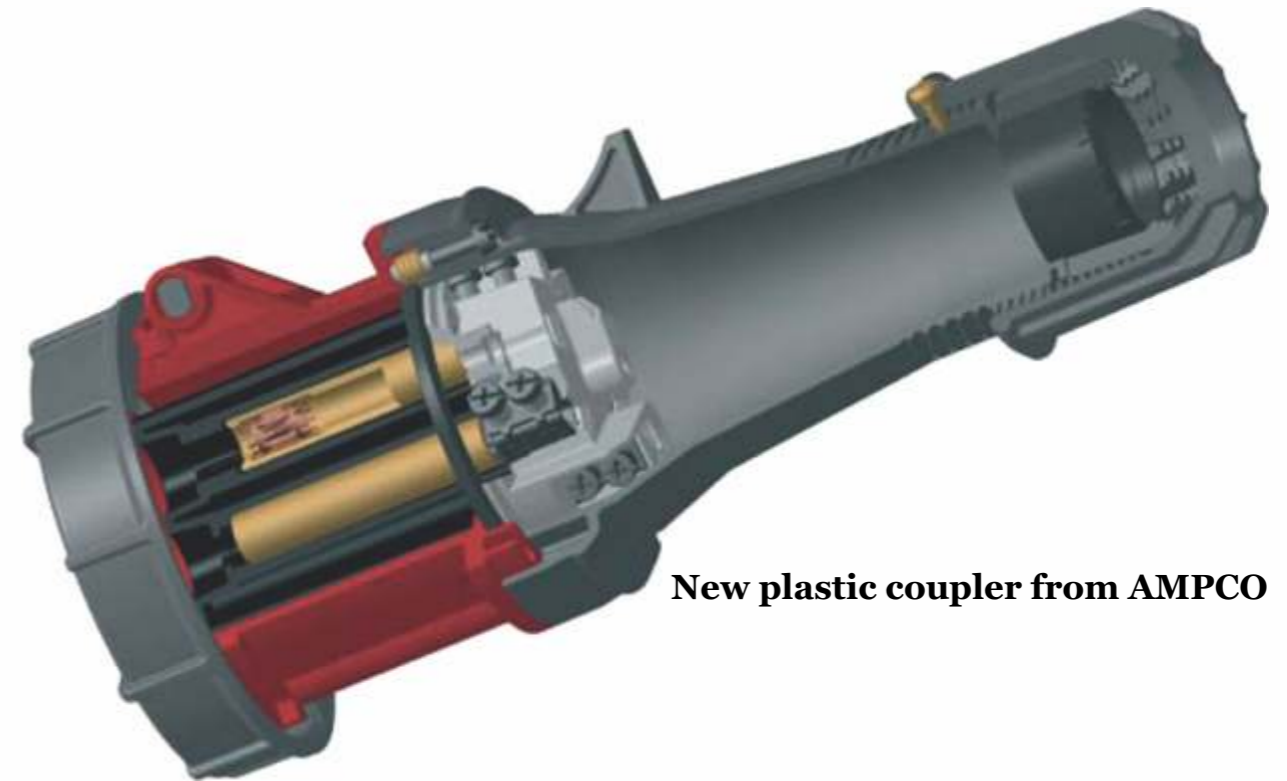
AMPCO Metal Plug CEE

AMPCO, specialist industrial plugs and sockets manufacturer and supplier for over 30 years, proudly unveiled the innovative AMPCO Gen 2 plastic plug and connector range to the commercial, mining and industrial sectors across the African continent during a press conference on 17 October 2019 at sister company, Powermite's head office in Roodepoort, Johannesburg.

"The motivation behind the introduction of this advanced plastic range stems from our mandate to further expand and add extra value to our current locally manufactured metal and plastic range," explains Powermite Director, Donovan Marks. "We are extremely proud to offer these



Powermite's diverse range of plastic sockets from AMPCO



New plastic coupler from AMPCO

state-of-the-art innovations which are poised to set the benchmark in robustness, efficiency and performance. This new-kid-on-the-block exudes premium quality and is competitively priced to ultimately benefit customers by cost-effectively maximising their productivity potential."

The compact and robust AMPCO Gen 2 plastic range is forged from Polyamide 6 and PC/ABS. According to Marks, these virgin grade plastic materials put the Gen 2 in a league of its own and provide a host of enhanced benefits: Impact resistance combined with high robustness; high thermal stability (self-extinguishing); great insulating qualities; high disruptive strength; UV resistance according to ISO 4892-2 as well as high abrasion and weather resistance. The plug and socket ranges are internationally standardised by the International Electrotechnical Commission, the world organisation for international standardisation of electrical equipment: IEC 60309-1 and IEC 60309-2 equivalent to the European Norms EN 60309 part 1 and EN 60309 part 2.

With a focus on extending product lifespan, the material also delivers excellent resistance to an array of chemicals and is free from cadmium and halogen. The IP44 & IP67 rated Gen 2



Powermite's rugged, tried and tested metal plugs and sockets from AMPCO

range is suited to arduous applications where portable electrical equipment is used such as electric motor driven and heating machinery, welding, emergency generator supplies, IT installations, quarrying, mining, water purification as well as portable site and stage lighting.

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Powermite displays its IMST portable distribution box. Pegasus suspended multi way console. Junior cable reel.

standard screw terminal connecting and includes industrial plugs and sockets 16A – 125A, connectors, plastic cable extension reels (XREEL®), heavy-duty engineering plastic site distribution boxes with socket outlets, heavy-duty rubber distribution combination boxes, couplers, wall and flanged sockets 16A – 125A, switched interlocked sockets as well as the PRCD-S+ inline portable protection device.

Breaking the cable reel barrier, AMPCO's high impact resistance XREEL® is packed with superior-quality components and features an ergonomic handle, a thermal circuit breaker, a brake mechanism with central spindle, drum openings for water drainage, a stable crank and two parking positions for the plug.

The AMPCO Gen 2 heavy-duty engineering plastic & rubber site distribution boxes with socket outlets can be customised and are at home in gruelling working conditions such as petrochemical plants, dock yards and heavy engineering conditions.

The advanced PRCD-S+ (earth leakage) 30mA @ 230V is a portable inline mobile personal protection device to prevent electrical injury especially in construction sites. With operators regularly connecting electrical equipment, the

risk of accidents are high. Thanks to its ability to recognise measurement errors, under- and over-voltage, conductor interruptions and wiring errors from the source system, the PRCD-S+ will not switch on, safeguarding operators against incorrect electrical installations. This easy-to-use, handheld protection device features an LED signal unit which senses error situations, displays a permanent status indication, and disconnects the supply.



Powermite exhibits AMPCO's plastic range of couplers (back), flanged sockets straight (middle) and 5 pin plug (right)



Donovan Marks, Director of Powermite, proudly displays composite plastic outlet boxes during the AMPCO product launch

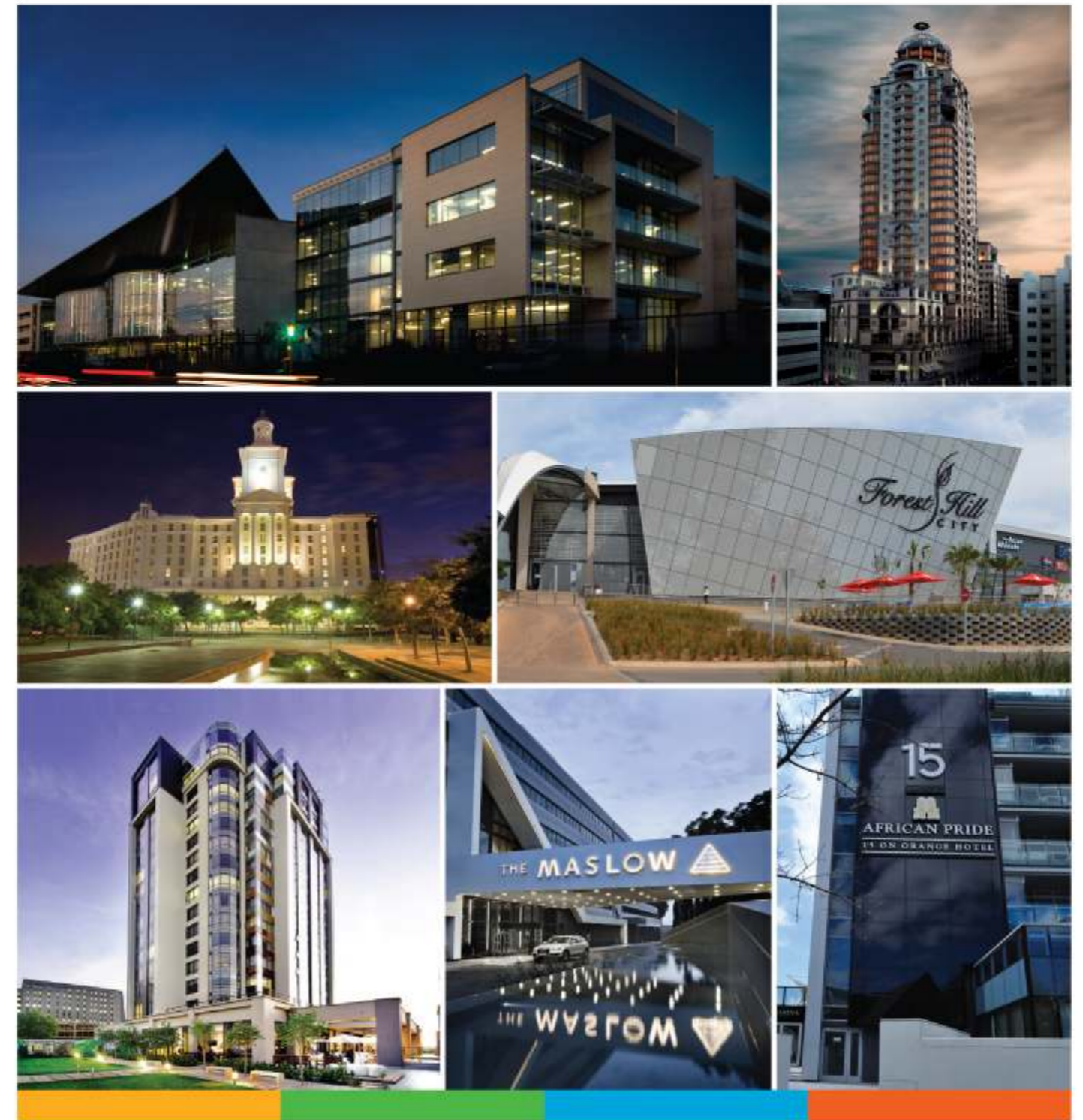
Complementing the Gen 2 plastic range is AMPCO's market leading metal and existing plastic range. Complying with the highest European quality standards, the range consists of plugs, socket outlets and isolators, with and without earth leakage protection. The metal single phase socket outlets are perfectly suited to ports and harbours as well as for applications in high humidity areas.

Wrapping up, Marks says that they are extremely excited about the new Gen 2 plastic range. "We are confident that these advanced products will play a key role in customers achieving their productivity and profitability goals."

AMPCO, part of the prominent Hudaco group of companies, became a sister company of Powermite in the early 1970's. AMPCO produces products renowned for their quality, reliability and safety; the company's range of CEE products is manufactured to SANS 60309 Part 1 and Part 2 standards. AMPCO supports its extensive product range from branches located in Rustenburg, Witbank, Durban, Richards Bay and Cape Town, supported by a distributor network to deliver exceptional product and service solutions to the customer's doorstep.



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Exxaro Powering South African Youths

By Vanisha Balgobind, Executive Head of Human Resources

Following the release of our 2019 interim results, Exxaro is more motivated than ever to continue our upward trend to power possibility, especially when it comes to youth development. Uplifting the knowledge and capabilities of the youth in the communities, operates as a core priority in Exxaro's positioning. One such initiative, in which we take great pride in is the YDx (Youth Exponential Development) programme, which is developed and managed by SADICO. Through our partnership with SADICO, we are committed to equipping communities with the necessary skills to adapt to the changing environment - spurred on by new technologies and the 4th Industrial Revolution.

Encouraging skills development in South African Youths

In current years, South Africa has seen the poverty level increase at an alarming rate. Based on the recently released 2019 Q3 labour statistics by Statistics South Africa (StatsSA), the burden of unemployment is concentrated amongst the youth - those aged between 15 and 24 years with an unemployment rate at 58.2%. Hence, empowering youth becomes vital to bridge the skills gap.

Realising our social responsibility, Exxaro doubled its community investments and volunteerism value distribution to R62 million in the first half of 2019 as compared to R30 million in the first half of 2018.

Educating youth in the areas of technology and innovation is especially important during the current economic climate as it has positive benefits for the South Africa's society, as well as the economy.

As part of the YDx programme, Exxaro has committed R40 million over a period of 12 to 18 months, to upskilling 400 South African youths in the communities we operate in. Those selected to partake in the initiative are from underprivileged backgrounds who have shown an interest in technology and innovation, while possessing the drive to start their own business.

Apart from training curious young minds in digital technology and 4th Industrial Revolution concepts, it also organises the youth into technology

cooperatives where they will be eligible to receive a monthly stipend.

The training commenced in May 2019 with 34 youths receiving 'train the trainer' instruction. This instruction focused on skills such as digital technology (telecommunications, IT, broadcasting and Internet) and 4th Industrial Revolution concepts such as internet of things, artificial intelligence, robotics, 3D printing, nanotechnology, autonomous vehicles, cryptocurrency and cybersecurity. Through attaining these valuable skills, the youths were able to start the process of training an additional 366 local youths in digital skills. These skills include website design and development, mobile app development, cellphone repairs, digital migration, laptop, PC repairs and solar energy. In doing so, a total of 400 youths were empowered, thanks to the YDx programme.

The role of HR in youth development
It's important that businesses adopt purpose-driven efforts to engage with and develop the youth directly, thereby benefiting society. More time and effort is required to intensify and accelerate youth empowerment throughout the country, and HR professionals need to drive these programmes. Promoting the lifelong acquisition of knowledge, skills and competencies necessary for the performance of chosen roles that contribute economically and socially to the self and others, needs to be at the heart of all youth development planning and training.

We believe in creating opportunities to develop exceptional young people. As a company geared for change, Exxaro understands the role we play within the national space to assist in minimising youth unemployment. Skills development and education are vital to the digital future of our continent, and we take pride in our alignment.

Exxaro will therefore, continue to strive for youth development as a means of uplifting communities, and empower those with skills for the workforce of the future. We maintain successful partnerships with our stakeholders, who help us contribute meaningfully to South Africa's socio-economic development, and to the success and growth of Exxaro.

Life Green Group (Pty) Ltd provides a complete green solution tailored to the unique requirements of clients whilst focusing on minimising costs and maximising quality of the service. The company's directors and management have more than 200 years combined experience in the green industry and utilising the latest equipment and specialised techniques results in unrivalled quality products and services within the industry.



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BURGUNDY ESTATE GROWS FROM STRENGTH TO STRENGTH

With the suburbs of Cape Town to the south, the beaches of Milnerton and Blouberg to the west, and the winelands of Durbanville Hills to the north, Burgundy Estate in Cape Town borders the vineyards of the historic De Grendel wine farm less than 20 kilometres from the centre of the Mother City. Burgundy Estate has its own mashie golf course, three schools and convenience shopping centre which serves the secure residential developments well.

Since getting involved as a joint venture partner with Nedbank four years ago, Rabie has sold over 900 homes totalling more than R1,2-billion at Burgundy Estate.

“Burgundy Estate has grown from strength to strength over the last four years”, says Miguel Rodrigues, Director at Rabie. “With the additional investment from local government and developers in the upgrade of the surrounding arterial roads, expansion and upgrade of the Checkers Centre, as well as the new Richmond commercial development and Richmond Shopping Centre, the entire node is progressing well.”

Burgundy Estate has its own mashie golf course, three schools and convenience shopping centre.

Rabie’s first project on the estate, Vermont, which consisted of 191 apartments, was sold to an investment company for rental stock while two other projects – Zarina (164 apartments and 16 townhouses) and Springfield (68 freestanding homes) – was sold on the open market.

Avenida, which consists of 183 apartments and eight townhouses, were all sold out prior to completion.

In 2018, Rabie launched Brookside, comprising 58 three-bedroom two-bathroom freestanding homes and Hazelwood, consisting of 126 one, two- and three-bedroom apartments. Brookside, which was completed mid-2019, has sold out. Hazelwood, completed in October 2019, enjoys its

own clubhouse and swimming pool, with a few two-bedroom apartments still available from R1.32m.

What’s next for Burgundy Estate? Two new projects, the first of which is an exciting retirement component, Oasis Life, which will be launching on 21 November (read more here). Rodrigues says “We are excited about the next chapter at Burgundy Estate, which is our retirement component. With the combination of its central location and the benefit of an established, multi-generational estate, we are able to offer great value to senior residents. Providing security of residence with our life rights model, our core focus is to offer an excellent lifestyle.”

Rabie is also in the planning phase of Rhapsody – a secure development which will combine the best of apartment living with that of larger free-standing homes. With large green spaces, a clubhouse and a pool, Rhapsody will offer an amazing lifestyle.

The launch of Rhapsody is anticipated to be early in 2020. For any enquiries, contact Brian Usher on 082 571 7024.

“Burgundy Estate is maturing, and we are looking forward to several future phases of development”, says Rodrigues “We are in discussions regarding a day hospital, are looking into a small business park and with our new retirement component underway, it’s growing into a well-rounded estate.”



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Crushing the efficiency barrier - thyssenkrupp Eccentric Roll Crusher

thyssenkrupp has, for over two hundred years, provided state-of-the-art products and services to meet the eclectic needs of mining and industry. With customers increasingly demanding optimal crushing performance from their equipment, thyssenkrupp's Minerals Processing division, a specialist in comminution, designed, developed and manufactured the compact and robust Eccentric Roll Crusher (ERC) which is taking crushing efficiency to the next level.

The inspiration behind the creation of this ground-breaking ERC which is unique to thyssenkrupp stems from the growing need to look at an improved, faster and more cost-effective way to crush bulk materials and precious metals such as platinum, copper, kimberlite and iron ore. This got the thyssenkrupp German design team on their feet and after two years of intensive development, the completely new hard rock ERC was born. Ideally suited to process a wide selection of commodities above and below ground, this versatile machine delivers highly efficient crushing capabilities to underground mines, mobile and semi-mobile crushing plants in open-pit mining as well as mineral processing plants.

"With Minerals Processing boasting one of the largest global crushing and grinding technology portfolios which can be customised to customers' plant process needs, we are extremely proud to now bring to the market this truly one-of-a-kind Eccentric Roll Crusher," states Wilfred Barkhuizen, GM Minerals Processing, Energy and Power at thyssenkrupp Industrial Solutions Sub-Saharan Africa. "With a distinctive design that sets it poles apart from conventional crushers, the ERC without any doubt sets the efficiency benchmark and presents the next step in the crusher revolution."

Packed with cutting-edge features, the ERC is forged from fewer, superior-quality components which enable quicker and easier assembly and installation. Thanks to the machine's optimal balance, loads and vibrations are limited. All these exclusive features contribute to a much simpler structure as well as an enhanced ability to process materials more efficiently.

The machine's integrated screen further elevates efficiency as fine material does not pass through the crushing chamber but instead is discharged directly. This new approach ensures a host of benefits such as diminished power consumption, reduced risk of material compaction and machine overload as well as lessened wear on the crushing elements.

Another wear reduction feature is the smartly integrated automatic gap adjustment. The adjustable swing jaw, which forms part the crushing chamber, allows the gap to be precisely adapted to suit a specific product. The adjustment range of up to 200 mm for the largest model is more than adequate for gap adjustment to offset wear on the crushing elements. The gap adjustment also features an overload protection function in order to protect the crusher against overload damage.

Barkhuizen explains, "In the event that the acceptable load has been exceeded by non-crushable foreign bodies for example, the valve opens and the gap is enlarged, protecting the crusher against overload damage." This function includes a unique hydraulic cylinder that controls the load in the crushing chamber as well as the pressure.

In harsh operational environments it is crucial to safeguard the crusher's body to prevent costly damage. Understanding this vital need, thyssenkrupp has built the ERC to be impact resistant. When large chunks of material are fed into the crushing chamber, instead of falling onto the mounted working element, the material hits the machine's exceptionally resistant and rugged hood. Barkhuizen notes that, compared to conventional crushers, this is another key advantage presented by the ERC.

thyssenkrupp is committed to ensuring that customers receive world-class products and service excellence hence the global engineering specialist ensures that all its products undergo intensive testing. The ERC was certainly no exception and completely surpassed the designers' efficiency expectations in over six months of rigorous testing. Tested in the crushing of andesite, a material akin to copper and iron ores with strengths of up to 200 MPa, the ERC blew operators away with its impressive delivery of almost two times the expected throughput. Going forward, thyssenkrupp will be testing a diverse range of applications in order to determine just how efficient the ERC is and how different projects can benefit from them. Thanks to a combination of innate compactness and higher crushing efficiency (with a throughput potential of up to 8,000 metric tons per hour), much lower unit costs are anticipated.

Ending on an optimistic note, Barkhuizen says that with the first ERC already in operation, thyssenkrupp is confident that customers will benefit from enhanced productivity at the lowest total cost of ownership. "As we see a growing interest in the machine locally, we are motivated to continue looking at new ways of improving our product and service portfolio to the ultimate benefit of our valued customers."

About us:

The Industrial Solutions business area at thyssenkrupp is a leading partner for the engineering, construction and service of industrial plants and systems. Based on more than 200 years of experience we supply tailored, turnkey plants and components for customers in the chemical, fertilizer, cement, mining and steel industries. As a system

partner to the automotive, aerospace and naval sectors we develop highly specialized solutions to meet the individual requirements of our customers. More than 21,000 employees at over 100 locations form a global network with a technology portfolio that guarantees maximum productivity and cost-efficiency.

For more information visit: www.thyssenkrupp-industrial-solutions.com

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KINSHOFER Offers Versatile KFX-Series Breakers for Optimized Safety and Efficiency

SANBORN, New York (Oct. 30, 2019) — KINSHOFER, a leading global manufacturer of high-quality excavator and loader crane attachments, adds the new KFX-Series hydraulic breaker excavator attachments to its already extensive product line. The manufacturer announced the breaker series with the acquisition of Hammer, an Italy-based manufacturer of demolition, excavation, recycling and material handling attachments. The new series offers features that improve operator comfort and safety, reduce wear and improve productivity and longevity.

“Versatility, safety and efficiency aren’t just buzzwords at KINSHOFER,” said Francois Martin, KINSHOFER North America general manager. “We strive to provide our customers with high-quality equipment that fits their individual needs and improves jobsite safety and overall efficiency. The KFX-Series greatly expands our product range with a dependable line that completes our offering and gives contractors the option to get all of their attachments from one source.”

The 14 models in the KFX-Series offer operators a wide range of weight and power options. This makes it easy to find a breaker that fits individual needs in road work, demolition, recycling, tunneling and underwater applications. The smallest model in the series, the KFX 14 — designed for excavators weighing 8-15 tons — produces 1,475 foot-pounds (2,000 joules) and 600-900 blows per minute. At the upper end of the series, the KFX 200 — for 100- to 200-ton machines — produces 25,815 foot-pounds (35,000 joules) and 150-250 blows per minute.

The KFX 20 to 200 also feature two adjusting

valves, allowing operators to adjust the number of blows per minute and select operating pressures from 160 to 200 bar. Choosing a longer piston stroke will result in slower operation and more energy per single blow. This is for when the material is very hard and capacity isn’t the main concern. A shorter piston stroke results in less single-blow energy but faster operation, making it ideal for softer material and greater capacity per hour.

KINSHOFER’s KFX-Series breakers also improve operator comfort and reduce maintenance needs. A polyurethane shock absorber built within each breaker lowers vibration transmitted to the excavator frame and cab, increasing comfort and minimizing wear on excavator components, such as bushings. This also helps to reduce noise emissions.

The KFX-Series breakers include an autolube system that allows direct greasing of the lower bushing and spacer, thereby improving the longevity of retainer pins and bushings and reducing the need for manual greasing. This option also enables operators to control greasing from the cab or automatically through movement of the hammer.

KINSHOFER can add air tubes to KFX models for tunneling and underwater projects. Air tubes fill the breaker with defined air pressure, preventing water or dust particles from getting inside. Users simply attach an air supply to a connection point on the breaker housing, creating an air cushion that protects from damaging moisture and dust.

“The KFX-Series offers an impressive array of features that make it one of our most versatile products,” Martin said. “We are one of the only

manufacturers to offer a broad 2-year warranty because we believe in the quality of all our products. The KFX-Series is a welcome addition to our already extensive lineup. We believe the quality and versatility it provides will make it a popular option for contractors looking for an affordable breaker with a ton of great features.”

KINSHOFER also offers the KSB-Series of breakers for excavators from 0.5 to 12 tons.

About KINSHOFER
KINSHOFER is one of the world’s leading sources of high-quality attachments for excavators and loader cranes. Founded in Germany in 1971, the KINSHOFER Group

includes the KINSHOFER, Demarec, RF Systems, Auger Torque, Doherty, Hammer and Solesbee’s brands. KINSHOFER offers a wide product range with just about every type of attachment for equipment carriers with and without hydraulics in industries as diverse as scrap, demolition, railway, landscaping, construction, snow clearing, excavating, road building, forestry, tire recycling and biomass. For more information: Kinshofer USA, 6420 Inducon Drive, Suite G, Sanborn, NY 14132; 800-268-9525; sales-usa@kinshofer.com; www.kinshofer.com; Facebook; Twitter; YouTube or Instagram.





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