

NEWS FROM THE PIPELINE

FEBRUARY 2021

FROM THE CEO'S DESK

WATER WEEK SHOULD BE MORE THAN PROMISES AND RHETORIC *SA IS FACING A WATER CATASTROPHE THAT HAS BEEN YEARS IN THE MAKING*

The SA Government's annual National Water Week campaign for 2021 is scheduled to take place during the week of 15 – 22 March, culminating in the United Nations' World Water Day that will this year be celebrated around the world on Monday, 22 March 2021.

The aim of this annual event is to educate the public about their responsibility in water conservation initiatives, whilst raising awareness around the need to protect and conserve the country's water resources.

Whilst SAPPMA applauds and supports the idea behind the campaign, it is clear that its focus and impact should stretch much further than merely educational purposes. More than ever before, it needs to stimulate authorities into action.

As we all are aware, South Africa is a water-scarce country. The mean average rainfall for our country is only 495 mm per year – compared to the equivalent world figure of 860 mm. Roughly 21 percent of our country receives less than 200 mm precipitation per annum. This puts us 139th out of 177 countries.

When looking at the estimated amount of available water the figure for South African is less than 2000m³ per person per year, compared to 15 000m³ in the USA. This bleak situation is exacerbated by massive and unplanned influx of people from all over Africa, which places severe stress on all our resources. Dr Anthony Turton, Professor in the Centre for Environmental Management, University of the Free State, predicts that South Africa will need 1,6 times the amount of water than will naturally be available by 2030.

Whilst we are grateful that many parts of our country are blessed with above-average rainfall, there can be no doubt that in the long term, South Africa is in a serious water crisis.

There are multiple reasons for this catastrophe and it also varies from area to area. Whilst it is a fact that we experience multi-year droughts in certain parts of the country, other factors, which are humanly induced, exacerbate the problem.



"Clean water is critically essential for all living organisms. The Water Week campaign is therefore a worthy cause - provided the Government gets beyond rhetoric and takes long-overdue action. The current campaign should go much further than 'educating the public about their responsibility', but should also stimulate authorities into action..."

WATER WEEK 2020 (continues)

These include major pollution of water sources and wetlands (including uncontrolled mining activities), ageing or insufficient infrastructure in most urban areas have clearly been exasperating the problem and resulted in the following scenario:

- More than 50 % of South Africa's wetlands, known as nature's water filters, have been lost. Of those that remain, 33 % are in poor ecological condition;
- There are more than 900 municipal treatment plants in the country. Unfortunately, most of them are poorly maintained and badly managed. According to the National Water and Sanitation Master Plan that was released in 2018, 56 % of waste water plants and 44 % of water treatment works are in a poor or critical condition. 11 % are completely dysfunctional. Three quarters of the water pumped back into rivers by municipal treatment plants have not properly treated and contain harmful pathogens;
- Due to pollution, only 47 % of our water bodies have good quality water, compared to Zimbabwe that currently sits at 76 %;
- More than a third (about 35 %) of the properly treated water that is finding its way back into distribution systems is lost due to theft or leakage due to poor infrastructure. This amounts to approximately 1,660 million m³ per year.

All of these factors are overarched by poor management of resources, corruption and lack of funding.

In 2013 Trevor Balzer, in his position as Acting Director General of the Department of Water Affairs, stated that SA would need about R700 billion over the next 10 to 15 years to refurbish the nation's water infrastructure and to improve the supply situation.

A year earlier, Edna Molewa, then the Minister of Water and Environmental Affairs, raised the possibility of attracting funds from foreign investors for the maintenance of the ageing water infrastructure, hinting at the possibility of partial privatisation of some treatment plants. Today, almost a decade later, the Government's National and Sanitation Master Plan states that R33 billion per year for the next 10 years will be required to achieve water security. It is clear that although we have heard many statements and promises made over the past few years, we have unfortunately seen very little action.



The increased risk of water shedding

South Africans are very aware of the current electricity crisis we are dealing with in the country, and regular power cuts or load shedding has become a regular occurrence.

As a nation, we are trying our best to adapt to this situation by way of standby generators, investing in solar panels or simply better planning of our activities. Not many people realise, however, that there is a definite interdependence between water and energy. Water is required to generate electricity, while a large portion of electricity is used to pump and distribute water. The cost and availability of electricity at present is therefore a big stumbling block to desalinate sea water, which anyway would only be economically available in coastal areas (estimated at 2 kWh/m³).

Whilst we are managing to more or less carry on with our daily lives without a consistent supply of electricity, interrupted water supply will be catastrophic and clearly a totally different ball game. The impact of having no access to clean drinking water for a number of days on end is almost unfathomable, but is a very real possibility.

WHAT IS SAPPMA DOING TO ADDRESS THE ISSUE OF WATER SCARCITY IN SA?

"Plastic pipe is dominant in secondary water distribution and SAPPMA represents more than 80 % of all certified pipe produced in SA.

We are therefore a key role player in water. Since we are a non-profit organisation, we work not only for the well-being of the plastics pipe industry, but also for the welfare of the people of the country. Without readily available clean water, personal hygiene and health is not possible..."

*Jan Venter
CEO: SAPPMA*

SAPPMA has never been quiet on this topic and have regularly and consistently been raising awareness of the seriousness of the situation and reality of the threat of water shedding.

Virtually every technical conference we host has at least one paper devoted to water, whilst our statements in the media and to our members regularly highlight the five key factors in the country's current water dilemma, i.e. drought, inadequate infrastructure, lack of funding, pollution and poor management.

Plastic pipe is dominant in secondary water distribution and SAPPMA represents more than 80 % of all certified pipe produced in SA. We are therefore a key role player in water. Since we are a non-profit organisation, we work not only for the well-being of the plastics pipe industry, but also for the welfare of the people of the country.

Without readily available clean water, personal hygiene and health is not possible. Although there is very little that we as an industry association can do about these five factors, we do take our responsibility of ensuring that the piping systems used in our country's water distribution are designed, produced and installed in the best possible manner and in accordance with international and national standards, to ensure a long-term and leak-free life.

The message of SAPPMA during this year's Water Week is therefore an urgent appeal to Government to make water and sewage infrastructure the high priority it deserves. The Department of Water and Sanitation is the custodian of water resources in the country and therefore has the constitutional mandate to protect, develop, conserve and properly manage our water resources in a sustainable and equitable manner and for the benefit of all people.

The only way this can be done properly and effectively is by addressing the widespread pollution of rivers and wetlands and intervening in the mismanagement of municipal water and sewage treatment plants. We urge the Department to ensure they only appoint people who the necessary engineering skills and experience into positions of authority and allow the private industry to form partnerships with the public enterprises so that we can secure our water supply for future generations. Our country's health and survival literally depend on it!



THE STRATEGIC POSITION OF SAPPMA

Pipe systems in general and plastic pipes in particular are central in the functionality of a developed country. Without reliable fluid conveyance systems, life would be a mess. The supply of clean potable water and the disposal of waste water is generally taken for granted, but could easily be very unreliable if the necessary critical steps in the value chain are not taken care of. The pipe industry is therefore not only indispensable in the infrastructure of the country, but also critical in terms of the health of its citizens. Because piping systems are long-term investments and very disruptive if it fails, the highest standards are critical throughout the whole value chain of the industry. By way of illustration, SAPPMA maintains more than 100 relevant national standards on our website!

The key players in our value chain are:

- Raw material suppliers
- Suppliers of components and equipment
- Pipe and fitting manufacturers
- Installers
- Consultants
- Contractors
- Certification bodies
- Laboratories
- Water Authorities & Municipalities



SAPPMA has taken up the role of coordination and facilitation in this group. We have a passion and vision for the long-term sustainability of plastic pipe systems and have extensive experience in all aspects of it. Because we are a non-profit organisation, we can function in a neutral way, essentially fulfilling a community service.

In essence we protect the interests of the consumer



SECTORS

Fluid transportation; Infrastructure; Mining; Industry; Agriculture; Domestic; Telecom; Citizen Health

OUR MATRIX OF INFLUENCE INCLUDES THE FOLLOWING:



Standards

International, national & internal



Quality

Conformance, consistence, long-term accountability



Technical Information

Materials, product design, application, installation, operational



Marketing

Awareness of association's role, members, products, benefits, assurance



Training

Internal, knowledge, skills

TERENCE HOBSON IS SAPPMA'S NEW CHAIRMAN

Except for a brief period in 2016/2017 Jan Venter has been fulfilling the role of CEO and Chairman of SAPPMA since its inception. During 2020 the Memorandum of Incorporation of SAPPMA was updated to be in line with the latest edition of the Companies Act, which required that the roles of CEO and Chairman need to be split.

Resulting from this change, the Board of SAPPMA on 10 February 2021 elected Terence Hobson (MD of Sun Ace) as Chairman of SAPPMA for the current period. Jan Venter will continue as CEO.





SUCCESSFUL FISHING LINE BIN PROJECT EXPANDS ITS FOOTPRINT



South Africa's success with preventing discarded fishing line from ending up in the oceans or on beaches by using fishing line bins made from off-cuts of PVC pipe, is resulting in more than 77 new bins being installed at beaches around the country ahead of the National Water Week campaign for 2021.

"Each year, the results of the International Coastal Clean-Up show that discarded fishing line is one of the major pollutants on our country's beaches, causing injuries or death to seabirds, seals and sharks who get entangled in it," explains John Kieser, Sustainability Manager of Plastics SA.

The Fishing Line Recovery and Recycling Programme was officially first launched along the Gansbaai shoreline in 2010 as the best practice in partnership with the Dyer Island Conservation Trust, conservation groups and various local authorities. The first twenty bins were placed in partnership with Overstrand Municipality in the Gansbaai area.

Since then, the project has grown in leaps and bounds with 386 bins installed at various locations around the country. Cape Nature Conservation has also recently come onboard with the project and have installed 30 fishing line bins on their beaches. The goal is to eventually have 500 bins installed and to expand the project into Mozambique.

Where possible, the collected fishing line is recycled into bush cutters line. The fishing line bins that need to be replaced are also not sent to landfill, but donated to the African Snakebite Association for use by the snake catchers. Similar bins have also been created for the collection of straws or earbuds and bottle tops – other major plastic pollutants on our country's beaches.

"We have received the most amazing support from anglers, local communities and environmental groups who are all eager to see the removal of all plastic waste from the marine environment. To date we have already removed more than 350 kg of discarded fishing line and in excess of 500 fishing hooks..."

"It is encouraging to use this project as a vehicle to demonstrate the benefits of plastics and the valuable contribution it makes to our modern lives – provided that it is manufactured, used and discarded properly. This is truly a success story that would never have been possible without the support of the South African Plastic Pipe Manufacturers Association (SAPPMA) who encouraged their members to support the project and MacNeil Plastics who heeded this call two years ago call by donating all the pipes we needed for the project," John says.

Brenda du Toit of Dyer Island Conservation Trust (DICT) confirms that the bins serve as an educational awareness tool for marine pollution and thanked the plastics industry for that it is making a tangible difference along the South African coastline. "We are raising public awareness about the negative impacts that fishing line debris has on marine life, water quality, and human welfare whilst at the same time seeing a reduction in the amount of fishing line entering the marine environment," Brenda concludes.

FISHING LINE BIN PROJECT (continues)



These fishing line bins stand 60 cm high and are erected at beaches around the country as repositories for used, discarded monofilament fishing line. Off-cuts of PVC pipe (donated by MacNeil Plastics) are used to create a uniquely shaped bin with a U-Bend end-piece that prevents the lines from being blown away. They are also resistant to the elements and corrosion and therefore ideal for long-term use on beaches.



**Fishing line can harm us.
Please discard it
safely in a bin.**

www.dict.org.za



SAPPMA SIGNS OPERATION CLEAN SWEEP (OCS) PLEDGE



SAPPMA has become the latest plastics industry association in South Africa to sign the Operation Clean Sweep® (OCS) pledge – an international stewardship programme designed to prevent the loss of plastic resin (pellets, flakes, and powders) and ensuring that this material is kept out of the marine environment.

SAPPMA currently represents more than 80 % of the plastic pipe manufacturers in South Africa. CEO Jan Venter signed the declaration on behalf of SAPPMA earlier this week, saying that it was important for the plastic industry to be committed towards working to safe and responsible manufacturing processes.

"We will be encouraging our members to sign the OCS pledge in their own personal capacities, but from SAPPMA's side we wanted to go on record with our commitment to prevent pellet loss," Venter said.

He added that SAPPMA will be facilitating information sessions between Plastics SA (the official licensee of OCS in SA) and their members during the next few months. During these sessions, Plastics SA Sustainability Director Douw Steyn will be explaining the OCS implementation plan and the detailed toolkit that has been developed to assist companies to safe and environmentally-responsible manufacturing processes and daily operations.



Preventing resin loss not only makes sense from an environmental point of view, but it also makes financial sense and supports our drive to world-class quality management systems and adhering to international and local standards of excellence," he added.

Welcoming SAPPMA as the latest industry body to come onboard, Douw Steyn, Sustainability Director at Plastics SA said: "It is encouraging to see yet another major player in our industry take such a bold step to help us prevent plastic leakage into our country's waterways, estuaries and eventually the ocean. These small pieces of plastics can easily be mistaken for food by birds or marine animals. We look forward to engaging with the SAPPMA members and guiding them to the point of them signing the pledge for their own companies".



SAPPMA clarifies its stance about the use of recycled HDPE

Due to ongoing confusion about SAPPMA's position regarding the use of recycled HDPE, it is hoped that the following sequence of events and explanations will provide some clarity:

- SAPPMA Policy 022:2011 (Rev 1) stipulated that no more than 10 % of a manufacturer's own recycled material may be used by SAPPMA members. This policy was withdrawn in December 2019 and removed from our website.
- The material from which pipes are made must be in accordance with SANS ISO 4427-1. We therefore fully rely on SANS ISO 4427 which allows the use of **clean reprocessed material** from a manufacturer's **own production**, provided it is derived from the **same compound** as the relevant production. No reprocessed material from an external source may be used.

SAPPMA therefore wishes to re-iterate the critical importance of members to properly segregating raw materials per **grade** and even per **batch**.

We also remind you of clause 7.3 of the SAPPMA Code of Conduct, which states "We only use virgin grade approved polymers and in terms of the relevant product standards no third party regrind PE-HD material. We also do not add any fillers".

SAPPMA held a Technical Meeting on the 3rd of February 2021, during which it was agreed that a special working group will soon be commencing work on the requirements for compounds as per SANS ISO 4427. It will involve internal as well as external training to all the certification bodies and test labs. Members are urged to participate when called upon to become involved. More information will soon be communicated to you - watch this space for more developments!

SABS



Please be advised that the SABS has published new guideline for gas pipelines (SANS 10260-1) pertaining to their design, construction, installation, operation, examination and maintenance (Excluding Acetylene)

Please contact the SABS Standards Sales on 012 428 7911, or visit their website at www.sabs.co.za to purchase the document.





PE 100 SWEPT BENDS

by Mike Smart, Genesis Consulting & IFPA Chairman

The conformance of Swept Bends, also variously known as Long Radius Bends, Seamless Bends, and Pulled Bends, is measured against the requirements of SANS 4427-3 Part 3: Fittings that also refers to SANS 4427-2 Part 2: Pipes and SANS 4427-1 Part 1: General.

Applicable Standards

The applicable standards for Swept Bends are as follows: 1. SANS 4427-1 Part 1: General; specifies general aspects of polyethylene piping systems including raw material and, in conjunction with other parts of SANS 4427, pipes, fittings, their joints and mechanical joints. 2. SANS 4427-2 Part 2: Pipes; specifies pipes made from polyethylene and, in conjunction with other parts of SANS 4427, pipes, their joints and mechanical joints. 3. SANS 4427-3 Part 3: Fittings; specifies fittings made from polyethylene and, in conjunction with other parts of SANS 4427, fittings, their joints and mechanical joints.

SANS 4427-3 Part 3: Fittings, Annex B (normative) Fabricated fittings, Clause B.4 Swept bends

This is a performance specification that specifies the finished product requirements as follows:

1. The fabricated bend is not required to copy SANS 4427-3, Annex B, Figure B.3, a complete set of dimensions of the bend shall be provided by the fitting manufacturer.
2. The bend minimum wall thickness shall conform to SANS 4427-2, Table 2 – Wall thickness
3. Destructive testing techniques may be required to prove conformance of the bend
4. A derating factor shall not be used on condition that tests, in accordance with SANS 4427-3, Annex B, Table B.1, results demonstrate conformance
5. The nominal outside diameter, minimum spigot length, nominal bend radius and nominal angle of the bend shall conform to Table B.2 - Fabricated fitting dimensions.
6. The length of straight pipe forming the spigot ends of the bend shall be not less than the minimum requirement in Table B.2 – Fabricated fitting dimensions (measured in accordance with ISO 3126 Determination of dimensions) and be sufficient to accommodate clamps for butt welding, electrofusion fitting, socket fusion fitting and mechanical scraper.
7. The nominal outside diameter of the bend shall conform to SANS 4427-2, Table 1 – Mean outside diameters and out-of-roundness, to enable compliance with item 6 hereof.
8. Techniques, for example strapping, may be used to maintain the bend angle during handling, transport, and storage
9. When viewed without magnification, the external and internal surfaces of the bend pipe shall be smooth, clean, free from scoring, cavities, and other surface defects such as would prevent conformance of the pipe to SANS 4427-2 Part 2: Pipes.
- 10) The ends of the bend shall be cut cleanly and square to the axis of the bend.

Non-conformances

If the bend exhibits any non-conformance, a Customer Concession can be requested from the customer wherein the non-conformance should be precisely defined to enable the customer to determine the suitability or “fitness for purpose” of the non-conforming bend. One of the most common non-conformances of Swept Bends is the wall thickness on the outside of the bend being less than allowed. A calculation to determine the new reduced pressure rating, or new reduced service life at the original pressure rating, will assist the customer to decide on the granting of a Customer Concession. Another common non-conformance of Swept Bends is the out-of-roundness tolerance being exceeded. At the ends of the bend any misalignment of the joint surfaces, prior to butt welding of the bend to an adjacent component, shall not exceed $0.1 \times$ wall thickness. Rerounding tools and proper process qualification can ensure compliance.



SAPPMA Founding member: Marley Pipe Systems SA



The early years

Marley's journey started in 1953 when the company Marley Floor Tile Company (SA) (Pty) Ltd was registered in South Africa. The company has always had a presence in Nigel - initially manufacturing roll down flooring, later floor tiles and finally PVC Pipes and fittings

In 1954, the late Dick Eyres established Marley's first South African factory at Nigel, staffed by a mere handful of people and an initial capital of R450 000.

Marley Plumbing was established in 1963 and started to produce PVC pipes in 1966 and PVC fittings in 1967. In 1969 Marley Floor Tile Company (SA) (Pty) Ltd changed its name to Marley (SA) (Pty) Ltd with Marley Plumbing then part of the Marley SA Group. Since then Marley Plumbing has become the market leader in the manufacture and distribution of plumbing products to the merchant trade.

In 1974 Marley (SA) (Pty) Ltd had three factories; Nigel, Olifantsfontein and Bellville and employed more than 1300 people. The Nigel plant at that stage produced asphalt and vinyl asbestos floor tiles, folding doors, flexible accessories and PVC Systems, as well as rotovinyl and cushion flooring.

Expansion programme

In 1976 the Nigel-based plumbing extrusions division of Marley (SA) (Pty) Ltd, underwent an expansion programme in worth R750 000. The programme included the acquisition of an 800-ton Bone Cravens injection moulding machine, primarily for the use in the manufacture of fittings for 110 mm and 160 mm drainage pipes. An extruder machine, which was one of a kind at that stage, was also installed to manufacture 110 mm and 160 mm pipes with the capacity of 300 meters an hour. With all these changes, Marley was in 1976, one of the largest suppliers of PVC gutters, soil, waste, and underground drainage pipes in South Africa.

Entering the Pressure Pipe Market

Marley Plumbing entered the Pressure Pipe market in 1991 and supplied a range of uPVC and mPVC pipe, as well as a range of pressure bends, tees, valves and other fittings. In 1999 Marley (SA) (Pty) Ltd which included the Plumbing Division, was acquired by the Belgium based Etex Group; already operating globally in the construction and piping industry.



*Fabricated Fittings (non-SABS)



1601 & 791

Marley Pipe Systems SA (continues)

In **2001** Etex bought the global operation Glynwed Pipe Systems, and in that same year, the interest of Glynwed Pipe Systems Africa was merged with Marley Plumbing to form the new company called Marley Pipe Systems as it is known today. Marley then supplied uPVC and mPVC pipe as well as High Density Polyethylene pipe to the market. In addition, a vast range of fittings and jointing systems became available from Solvent Weld fittings and integral Rubber Ring Joints to Butt welding and electro-fusion. Other mechanical jointing systems were also available from top of the range metal clamping systems to an extensive range of compression fittings.

In **2003** the Aliaxis Group of Companies revolved out of the Etex Group, leaving Aliaxis as the sole shareholder of Marley Pipe Systems thus extending Marley's range in plastic pipe reticulation systems. Marley Pipe Systems SA became one of SAPPMA's founding members in **2004**.

The company today still continues to operate and manufacture from the original facility located in Nigel, Gauteng with a concentration of clients in both the building and retail sectors. The Nigel site comprises of land and buildings of approximately 8ha. The manufacturing facility is owned by Marley and fitted with integrated extrusions and injection moulding equipment and operations.

The Nigel site is a central distribution hub servicing our 7 depots situated in all major business centres across the country as well as distributing to customers in Gauteng and the North West Province. Marley currently has 11 diverse product ranges which are manufactured locally and a further 6 product ranges associated to its holding company, namely, The Aliaxis Group.

Marley's distribution network comprises 7 branches around the country, as well as an agency in Namibia, coupled with an active export division selling into Africa and the Indian Ocean Islands.


Marley is committed to quality and safety, with all pipe and components manufactured in an ISO9001:2015 accredited facility. The company abides by the set SANS specifications and in some cases, exceeds these requirements.

As an example, the Marley Pipe Systems SA's testing frequencies are higher than those set out in the SABS mark scheme documentations, allowing Marley to pick up non-conformities faster, and effect corrective action promptly and efficiently. This ensures that Marley constantly knows the status of its product quality and the effectiveness of the production process.

Marley has been manufacturing PVC pipes & fittings for the past 55 years and has become a household name in South Africa and is renowned for the quality of its products and services. Marley is the acknowledged market leader in its field and probably the most respected distributor and manufacturer of quality plastic pipe systems in sub-Saharan Africa.

Looking ahead Marley Pipe Systems will continue to grow its product range and market footprint into Africa.

Marley Pipe Systems will remain *Your Value Partner* for many years to come and continue to be a committed, fair practices employer contributing to the South African economy.



Marley Pipe Systems is a dynamic company with integrity that partners with our clients, suppliers and employees. Our goal is in the consistent supply of a high quality comprehensive product range which is coupled with the pride we invest in our high levels of customer service and legislative compliance, all backed by a solid product support structure. To further assist us in driving the Marley Pipe Systems SA brand, we partner with our clients in offering a comprehensive merchandising solution throughout the Southern African region.

SYMPHONY ENVIRONMENTAL TEAMS UP WITH SUN ACE SA TO DISTRIBUTE D2P IN SOUTH AFRICA

Antimicrobial Water Pipes

Over time, every water pipe and every tank becomes contaminated with hundreds of species of bacteria, fungi and algae, commonly known as biofilm.



Symphony Environmental Technologies Plc (AIM: SYM), is pleased to announce that it has recently signed an agreement with Sun Ace in South Africa to promote and distribute its d2p range of additives.

The agreement is a perfect fit for both companies as Sun Ace are successful at building strategic alliances to develop efficient and cost-effective products. Likewise, Symphony continues to expand and develop its product range and believes that d2p technology gives Sun Ace a lot of scope to work with. It covers a suite of technologies which are compatible with a large range of applications in the plastics industry.

Symphony's d2p antimicrobial technology has recently been proved to be effective against viruses, including Coronavirus. Tests carried out at the Institute of Biology at Unicamp University in Brazil, confirmed a 99.9% virus reduction within one hour of contact with a plastic film containing d2p. The advantage over sprays and wipes is that the protection lasts for the lifetime of the product.

d2p antimicrobial is a versatile product which Sun Ace will be marketing to various sectors including cling film and plastic pipe producers, flooring companies, PVC compounders, medical companies, and the food packaging industry among others.

Symphony's CEO, Michael Laurier, said "We very much look forward to working with Sun Ace in Southern Africa and to developing and expanding the number of products which can benefit from d2p technology."

Sun Ace Group Business Director, Alistair Calder said, "We are excited about this agreement. The d2p technology is in line with our ongoing strategy, where we market, manufacture and sell chemicals to various industries. We touch the lives of millions of people every day."

For more information, visit www.d2p.net

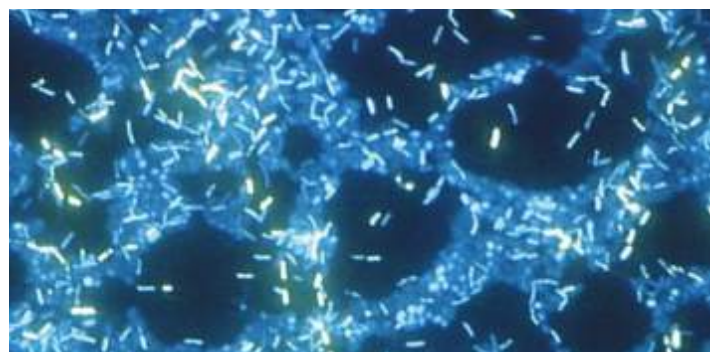


Image right: Polymicrobial biofilm epifluorescence

INKULU INSTALLS TWO NEW GENERATORS

Inkulu Plastics is proud to announce that it has successfully installed two new generators at its Hammarsdale pipe extrusion plant.

Each generator boasts a powerful Mercedes 16V engine, making the entire new system capable of generating approximately 3,2 MVA (mega volt amps) - more than enough power to run the entire plant, its recycling plant and lab during power outages which have become regular occurrences lately.



Above: Inkulu Plastic Piping MD Gabriel Reddy and factory manager Paul du Preez take a breather after commissioning the generators,



Above: The radiators for the diesel motors are equally impressive and powerful to support and compliment the 16 V Engines.



www.inkuloplastics.co.za



NOW SINVAC ISO 9001 PIPING CERTIFIED



Sinvac Piping staff displaying their new ISO 9001 certificate: Kelvin (Production Engineer), Brian (SHEQ), Lawreason (GM), and Edmore (Quality)

Congratulations to the team at Sinvac Piping on reaching its ISO 9001 certification after fully complying with all the Quality Management Systems standards and guidelines for ISO 9001 for the production of HDPE pipes.

The company hosted a special ceremony recently to celebrate the award and to thank staff members for their contributions and hard work that made this accomplishment a reality. Special thanks was given to Kobus Van Dyk (CEO), Lawreason Mosuwe (GM), Brian Chidimuro (SHEQ), the Sinvac production team and quality team.

For more information, visit www.sinvac.co.za



SAPPMA's 1st Webinar for 2021

"Basic failure analysis of rigid materials" presented by Renier Snyman



zoom

You are cordially invited to attend SAPPMA's first webinar for 2021 on Thursday, 25 February 2021 starting at 09:00.

Renier Snyman, Technical Manager at Sun Ace (Pty) Ltd, will be presenting on "Basic failure analysis of rigid materials", during which he will be discussing various types of failures and take a closer look at the visual analysis of brittle materials, such as PVC, to find the origin of the fracture is discussed. A method for investigating product failures, including 5 why's, will also be covered.

Attendance is free, but space is limited.

To reserve your seat, please email Admin@sappma.co.za before Wednesday, 24 February 2021.



Congratulations to Gaullami de Swart who was the winner of the luxury hamper after he completed SAPPMA's survey into the training needs for 2021.

"This was the best surprize I received in a very long time!" Gaullami said when he received his prize. Thank you also to everybody who participated and took the time to make your voice heard and opinions count. Watch this space for the next SAPPMA survey!

YOU CAN NOW ADVERTISE ON SAPPMA'S WEBSITE!

SAPPMA and IFPA members are invited to submit a web advert for FREE publishing on the SAPPMA website. Our site attracts more than 2000 visitors a month and is a great way to build your brand awareness!

To make use of this opportunity, simply forward your ad in web-ready format (300 x 600 portrait) to admin@sappma.co.za

R3000 for 3 months rotating advert on the SAPPMA home page and members' pages:

www.sappma.co.za

Link to your website

Booking deadline: 15 Feb

Publication: 1 March to 31 May 2021

ARE YOU LOOKING FOR A JOB OR DO YOU HAVE A VACANCY TO FILL?

Did you know that SAPPMA has added a Careers Page to its website? This new addition can be found under the About US tab and has a section for 'job seekers' and a 'job offers'

Please send your CV or job posting to

Admin@sappma.co.za to be uploaded on our website. We hope to assist our industry with this initiative.



PIPES CONFERENCE CANCELLED DUE TO COVID-19



It is with regret that we confirm that SAPPMA's Pipes XIII Conference 2021 has been postponed due to Covid-19.

In order to ensure that we continue to fulfil our mandate of providing our members and the industry with the latest industry updates and expertise, we will be hosting various online webinars this year.

Please watch the space for more information.

SAPPMA

southern african plastic pipe manufacturers association 

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