

NEWSLETTER

WSSA *Up*



ISO CERTIFICATION



This year WSSA have obtained certification against ISO 9001, ISO 14001 and OHSAS 18001 standards with a new certification body, Bureau Veritas.

"With 80,000 clients in more than 100 countries, delivering over 100,000 certificates, Bureau Veritas Certification is the world's leading certification body. Relying on a global network of 5,700 highly qualified auditors and a vast expertise that is recognised by more than 40 national and international accreditation bodies, Bureau Veritas Certification offers a large range of customised certification and audit services in the Quality, Health & Safety, Environment and Social Responsibility fields from public standards to more customised schemes. Through these services, Bureau Veritas Certification enables all its clients to commit to on-going processes aimed at improving their business performance as well as demonstrating their value while gaining competitive advantage."

"WSSA believe that certification against these ISO standards allows us to better manage and control our business processes and meet our customers' expectations at a World Class Standard. You will see changes to our SHEQ Management System as we update and align it to the most recent ISO 9001:2015 and ISO 14001:2015 standards. As the system evolves, we are hoping that employees will directly benefit from our SHEQ Goals. WSSA's vision is to be the preferred provider of sustainable water services in Southern Africa, we believe that ISO certification will assist us pave the way."

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- Valued Citizens
- Rugby Club

BUREAU VERITAS Certification

Water and Sanitation Services South Africa (Pty) Ltd
Block E, Lincolnwood Office Park, Woodlands Drive, Woodmead, Gauteng, Republic of South Africa

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below:

ISO 9001:2008

Scope of certification:
The management, operation, maintenance, construction, refurbishment and upgrading of all water and waste water treatment, distribution, collection and storage infrastructure. Offer support services in the form of comprehensive blue and green drop programme implementation as well as No Drop and water conservation and demand management (WCDM) programmes

Original cycle start date: 31 March 2017
Expiry date of previous cycle: NA
Certification Audit date: 24 November 2016
Certification cycle start date: 31 March 2017

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 14 September 2018

Certificate No. IND 17 4158 UQ Version: 1. Revision date: 31 March 2017

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ISO 14001:2004

Scope of certification:
The management, operation, maintenance, construction, refurbishment and upgrading of all water and waste water treatment, distribution, collection and storage infrastructure. Offer support services in the form of comprehensive blue and green drop programme implementation as well as No Drop and water conservation and demand management (WCDM) programmes

Original cycle start date: 31 March 2017
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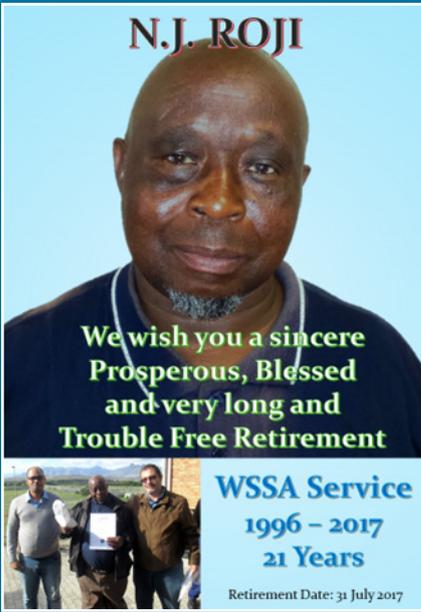
BS OHSAS 18001:2007

Scope of certification:
The management, operation, maintenance, construction, refurbishment and upgrading of all water and waste water treatment, distribution, collection and storage infrastructure. Offer support services in the form of comprehensive blue and green drop programme implementation as well as No Drop and water conservation and demand management (WCDM) programmes

Original cycle start date: 31 March 2017
Expiry date of previous cycle: NA
Certification Audit date: 24 November 2016
Certification cycle start date: 31 March 2017

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 30 March 2020

Certificate No. IND 17 4158 USHS Version: 1. Revision date: 31 March 2017



Mr Ndima Roji joined WSSA in 1996 however his history with the Zandvliet WWTW Plant goes back as far as the construction works of Zandvliet WWTW where Roji was part of the construction team. His career with WSSA totalled an amazing 21 years, before retiring on 31 July 2017. During his exit interview it was evident that he valued working for WSSA, as he knew he was helping his community not only during work hours but even at home when people came to ask him for advice and guidance. He was proud to say that he worked for a company that had his health and safety at heart and that he was able to put his children through school and university and even build his family a home which he was not able to do before working for WSSA. He will always be remembered for being a hard worker, being a kind and polite person, never passing anyone without a formal greeting and a smile. Mr Roji will be dearly missed here at Zandvliet and within WSSA, we wish him a wonderful retirement and best wishes for his future endeavours.

“We have lost a dear friend and valued colleague, Lee-Ann Viljoen. Lee-Ann worked for WSSA since 2007. She was a valued member of the team and we will miss her friendly helpful presence. RIP.”



PIERRE - ETIENNE SEGRE LEFT US END OF JANUARY

Pierre-Etienne was the first CEO of JOWAM from 2000-end to mid-2004 and the architect of the success of the Metro water utility JOHANNESBURG WATER.

With a team of 13 international and WSSA experts, and despite a difficult environment, this professional perfectionist managed to create the Metro utility JOHANNESBURG WATER with JOHANNESBURG WATER's management team, and above all effectively transfer expertise and know-how to the whole utility staff, turning this difficult management contract into an undisputed global success. A solid and proud reference for WSSA.

After he left South Africa in 2004, Pierre-Etienne regularly asked me about the WSSA team which he cherished. He kept on saying that, without WSSA's continuous support and backing, the JOHANNESBURG WATER adventure would not have been possible. He was very grateful for that.

I have a special thought for his colleagues at JOWAM who worked alongside with him at the Rissik Street offices of JOHANNESBURG WATER: Charles Zwane, Jean-Marc Lotthe, and Ziad Moumne.

I conveyed the condolences of the WSSA family to his loving wife Maite. God bless you Pierre-Etienne, may you rest in peace. Your contribution to WSSA will be remembered.

Patrick Ayoub



SAFETY AWARDS : WESTERN CAPE

FISANTEKRAAL WWTW

1460 DAYS (4 YEARS) WITHOUT AN LOST TIME INJRY

WSSA (Pty) Ltd took over the operations and maintenance of Fisantekraal WWTW on 1 August 2013.

On 31 July 2017 Fisantekraal WWTW workforce achieved 1460 days (4 years) without any Lost Time Injury!

To maintain an injury-free working environment all team members must proactively engage in the identification and elimination of hazardous conditions and behaviours. This is an excellent achievement which demonstrated their collective efforts and commitment to an incident-free operation. WSSA encourages all of you to continue using safe work practices, whether you are working at operations or office/support facilities. With every workforce member staying focused on an incident-free operation we can send everyone home safe to their families. Thank you again for your support and commitment to an incident-free operation!



ZANDVLIET WWTW

671 DAYS (1Year 10 Months) WITHOUT AN LOST TIME INJRY

Zandvliet WWTW has reached an all-time record of 671 days on 31 July 2017, which shows the commitment and mind set change which came along way since 2013 as it can be seen in the previous record of 583 days without an LTI. They are working safely towards reaching a target of 730 days (2 years) without an LTI.

CLIENT AUDIT RESULTS: WESTERN CAPE

WSSA Western Cape

Zandvliet and Fisantekraal WWTW scored exceptionally well in the Client Audits conducted during the month of July 2017.

- Zandvliet had an overall average percentage compliance of 97.87%
- Fisantekraal had an overall average percentage compliance of 98.93%

Action Plans are in place to close out the non-conformances raised during these audits.

LEGAL AUDIT:

Zana Manzi Western Cape

Voorberg, Dwarsrivier & Obiqua Correctional Services WTW & WWTW

This contract started in August 2016 and a lot of effort has been made to get these sites to a standard of compliance.

Abe Bosman conducted a legal audit in May 2017 and no Major Findings were raised. Action plans are in place to close out these non-conformances, majority of the non-conformances were not site specific but rather organisational findings for Zana Manzi

Services to improve on, which only takes us from strength to strength moving forward.

RUSTENBURG WWTW DISSOLVED AIR FLOTATION (DAF) PLANT

Rustenburg WWTW has been facing a challenge of reducing the amount of fat, oil and grease (FOG) in the final effluent, mainly received from sources such as Rainbow chicken which makes up about 10% of the total volume of raw sewage that flows into the Sewage Treatment Facility. Jointly Anglo American Platinum and the Rustenburg Water Services Trust (RWST) initiated and funded the R50 million Dissolved Air Flotation (DAF) plant project that will finally treat a maximum of 20 MI/d in order to improve the effluent quality. The construction of the DAF was done by a third party.

The DAF plant receives treated effluent from AS 2 BNR and the Bio-Filter process for polishing treatment purposes. Dissolved air flotation (DAF) is predominantly a treatment process at a Water Treatment Facility to remove all types of contaminants such as Algae, FOG and suspended matter with a low density. The removal is achieved by adding compressed air in a saturator that mixes with water under pressure (also then called white water), which is released into the raw water in a flotation tank basin. This white water then adheres to the contaminants in the raw water that causes this matter to rise to the surface in the form of scum. The scum is periodically removed from the surface through an up-flow washing process. Some heavier floc that formed will settle in the basin and is removed through a de-sludge system. The final treated supernatant is collected in a combined sump from where it flows into the Anglo holding tank.

The DAF plant is currently in the commissioning phase and there are several challenges that are being resolved to finalise this project to ensure that the final effluent quality complies with the strict limits required by Anglo. The main source of income of the RWST comes from this treated effluent that is sold to Anglo (Minimum 15 MI/d from the DAF plant) and Impala Platinum mines (Minimum 10 MI/d from the AS 1 BNR). This also reduces the amount of drinking water that the mines would have normally used.

Compiled by NN Zwane
Rustenburg Operations



Some background about the Author

Nombuso Zwane was appointed back in December 2012 to assist us with the administrative backlog of our electronic files. Soon did we discover that she is quite talented and at that stage about to finish her Chemical Engineering Diploma. She was so committed that she kept on studying and successfully completed her B. Tech Degree in Chemical Engineering. I'm honoured that I played a small role as Tutor during her studies and I am proud to say that I have a full complement of well qualified, competent and skilled Process Controllers in Rustenburg!

Vic van Vuuren

VALUED CITIZENS CERTIFICATION

Thanks to WSSA, AVON PEAKING POWER, the Livingston Family and the KwaZulu-Natal Department of Education, through its provincial, districts and circuits officials, Valued Citizens Initiative has been privileged to contribute towards the professional development of 387 School Management Teams and educators from 68 public primary and high schools within Ilembe and Amajuba Districts in 2016.

We celebrated 348 School Management Teams and educators from 57 public schools as one of the pillars of society, further their competencies in developing healthy sustainable relationships as positive role-models to our children, and lead with ethics and effectiveness their school. I hope this will serve the purpose and make your stakeholders proud of your investment into human capital in education.



348 educators gathered to receive their Valued Citizens Certificate on the 18th March 2017 in the presence of our partner WSSA and officials from the KwaZulu-Natal Department of Education



Goutville Learners performing a drama on the importance of developing a child holistically



Educators receiving their certificates from 57 public schools in KwaZulu-Natal



Wandile Mnomyi - Bubbles sharing her life journey as a young Valued Citizen



Traditional Dance performed by Dr. BW Vilakazi Primary School

RUGBY CLUB

Young Peoples RFC is one of the oldest rugby clubs in the WPRFU and was established in 1895. The organization is built on a proud tradition of developing boys' rugby skills, as well as a desire to field competitive teams across all age groups that will enjoy success locally and regionally. Even more importantly, the organization has had a positive impact on the youth of Paarl East, their families, and the broader community. The club strives to uplift our young players from their poor, drug and gang-related backgrounds by getting them involved in rugby.

Even though they are a community based club with very little funding and corporate support, they ensure that every player receives a hot meal after every game and even reach out to the most underprivileged in the community by providing food, clothing and blankets on Mandela Day, Christmas etc.

WSSA saw an opportunity to make a positive contribution to an organization that is striving to uplift and bring about positive change in the community they serve.

One of the objectives of the club is to create an environment where boys feel comfortable and safe. A place where they can go to escape and forget about the gang invested environment that they are exposed to every day. To show them they do not need to get involved and caught up in that viscous cycle – "to swap gang colours for club colours".

WSSA therefore decided to assist the club by donating 50 winter fleece tops and 50 golf shirts to assist in strengthening and developing the sense of belonging and unity within the club and broader community of the Drakenstein area. We hope this contribution truly makes a positive impact in the lives of the underprivileged in the community. We will follow the progress of the club very closely and who knows they might even produce a Springbok or two in the near future.

