



Company Profile 2023

www.hdpeafrica.co.za



Index

- 1. Introduction**
- 2. Mission Statement**
- 3. Strategic Objectives**
- 4. Health And Safety**
- 5. Quality Control**
- 6. BBBEE policy**
- 7. Social Responsibility**
- 8. Human Recourses**
- 9. Registration Numbers**
- 10.Contact Numbers**



1. Introduction

HDPE AFRICA SA has been established in 2021 and has been actively involved in the security, construction, industrial, mining and engineering industry for the past 2 years. We have over 18 years of knowledge, experience and expertise in this field of work.

Our client base consists out of companies like **AE Switch, Clover SA, Honingcraft, Rays Engineering Services** – working at Unilever, **Kahana Group** etc. and as well as state owned institutions like **Transnet, Eskom, Sasol**. We are also doing work for Fire Installation Companies such as **Whipfire** etc.

Our focus is to supply quality service, products with competitive prices to our clients.

Pipes and Related Products – we supply HDPE, PP, U-PVC, M-PVC and steel pipes as well as all the fittings for these pipes. We also do manufacturing of special fittings and manifolds on high density polyethelene, polypropelene and steel pipes. We are fully mobile and do site work on all piping and installation. We have machinery to do – butt welding from 63mm to 630mm, Electro fusion welding up to 1000mm, extrusion welding to weld sheets of HDPE, PP, PVC and any other related products.



PVC Fabrications – pressure applications, uPvc class 9 and class 16, Vitaulic ended fittings class 9 and class 16.





HDPE Fabrications – segmented and seamless bends, tee's, laterals, reducing bushes, stubs, long radius 3d bends.



HDPE Pressure Pipes – HDPE pipes in a variety of applications in mining, industrial, agricultural and municipal. Because a good HDPE is also used in chemical waste and slurry applications. It has a lot of features and benefits such as greater flexibility that translates to ease of installation and fewer joints, long lengths of up to 100 meters, UV resistant, several jointing methods, high abrasive resistant, low mass, smooth bore, corrosion resistant, compatibility with other materials



Butt welding is a welding technique used to connect parts which are nearly parallel and don't overlap. It can be used to run a processing machine continuously, as opposed to having to restart such machine with a new supply of metals. Butt-welding is an economical and reliable way of jointing without using additional components.

Usually, a butt-welding joint is made by gradually heating up the two weld ends with a weld plate and then joining them under a specific pressure. This process is very suitable for prefabrication and producing special fittings. Afterward, the material is usually ground down to a smooth finish and either sent on its way to the processing machine, or sold as a completed product.

HDPE AFRICA

This type of weld is usually accomplished with an arc or MIG welder, but can also be accomplished by brazing. With arc welding, after the butt weld is complete, the weld itself needs to be struck with a hammer forge to remove slag (a type of waste material) before any subsequent welds can be applied. This is not necessary for MIG welds however, as a protective gas removes any need for slag to appear. Another advantage with a MIG welder is that a continuous copper wire is fed onto the stock, making the weld virtually inexhaustible.



Extrusion welding allows the application of bigger welds in a single weld pass. It is the preferred technique for joining material over 6 mm thick. Welding rod is drawn into a miniature hand held plastic extruder, plasticized, and forced out of the extruder against the parts being joined, which are softened with a jet of hot air to allow bonding to take place.



Electrofusion Welding – Plain pipes are jointed by means of electrofusion (EF) fitting incorporating an electrical heating coil which when electrically activated for the appropriate time by electrofusion welding machine, melts the surface of the pipe & fitting together resulting in complete fusion of the pipe and



electrofusion fitting. There is a barcode label on each of the EF fittings. This label includes fusion parameters (such as welding voltage and duration). Fusion parameters are transferred to the machine from this label either manually or by using the barcode reader. Advantages of EF Jointing Technic – there is no decrease in inner diameter of the pipe, low weight, low cost and flexibility of the equipment, high operation rates, fully automated operation, so need for skilled operator is at minimum level, no reduction in strength of material at jointed parts



2. Mission Statement

To develop and expand the demand for our services and to identify and develop new market opportunities which would benefit our stakeholders and other affiliated companies.

3. Strategic Objectives

- Promoting our products as a cost effective alternative where its use is deemed appropriate.
- Providing sound technical advice and assistance for clients and prospective clients and also recommending alternative methods where appropriate.
- Identifying and investigating potential new applications for our products.
- Participating in development projects by providing financial, technical and practical support.
- Implementing and identifying new methods of quality control during fabrication and installation of all products.
- Providing training and education for staff, labourers and other developing companies and their affiliates to ensure that the technical expertise and skills essential in developing a company with a high quality standard and efficiency of service is met.



4. Health & Safety

As per the national health and safety acts and procedures, our company is dedicated to ensure that all our stakeholders and employees do adhere to the rules and regulations that has been set forth by law and various other institutions to make sure these rules and regulations do get applied efficiently to create a healthy and injury free environment for all our members, employees and stakeholders within specific projects.

5. Quality Control

Our company has a comprehensive quality control programme to ensure that the final product that we deliver to all our clients does meet the requirements and complies with the ISO9001/2000 standards. All our employees are pertinently informed and educated in preventative measures to ensure that the final product is of a high quality and conform to the demanded standards of our individual clients.

6. BBBEE Policy

As per the Employment Equity Act 55 of 1998 and the BBBEE Act 53 of 2003 it is our companies duty and responsibility towards the greater government drive and the upliftment and wellbeing of our community to follow the vision of skills transfer and developing and empowering previous disadvantage individuals to allow them to positively contribute towards the total upliftment of all people in South Africa. We strive to adhere within the BBBEE framework as much as practically possible to ensure that the spreading of skills and wealth do predominantly benefit those disadvantaged individuals who needs it most.



7. Social Responsibility

It is our duty to invest part of our profits back to the local community and also help them with proper skills transfer who would contribute to sustainable growth and self empowerment of individuals. Our company has got well developed supporting structures where we assist emerging black companies financially, practically and technically to help them grow into their very own individual entities that will be capable of supporting themselves in the long run and also positively contribute at developing and empowering other emerging companies in the future.

Human Recourses

Staff Compliment

Name	Designation	HDI Status	Gender
Mr. J. v. Zyl	Divisional Manager	No	Male
L. van Zyl	ACC	No	Female

1. Mr JA v Zyl – Divisional Manager

- Industrial, Mining & Piping Divisional management
- Estimator
- Sales and marketing