

Our value is **clear to see.**



When Amitek was established in 1994, its objective was clear – to supply innovative solutions to the challenges faced by water and waste-water treatment industries. Following the success of its initial drive, Amitek has evolved into a network of fully-fledged regional branches and service providers, focused on the requirements of customers throughout sub-Saharan Africa and on Indian Ocean islands.

THE AMITEK APPROACH TO SERVICE

Amongst the goals set by Amitek is the supply of state-of-the-art water and effluent treatment solutions. This is achieved within a framework of best corporate governance practice, especially with a view to sustainability and integrity. Amitek is geared to meet customers' quality and service requirements, while ensuring a fair and equitable return for all stakeholders.

A TOTAL SOLUTION

In pursuit of its objectives, Amitek has developed a range of functionspecific products, including:

- Ampac Modular Sewage Treatment Plants
- Ampure Water Treatment Plants

In designing and managing systems for the purification of water, wastewater and effluent, Amitek is committed to providing world-class solutions to all challenges in this respect. The Amitek approach is to define customer requirements clearly, plan the most efficient solution and apply it in the most cost-effective manner ... always in co-operation with customers.

“As a provider of impeccable end products, Amitek maintains the highest quality standards throughout its operations...”



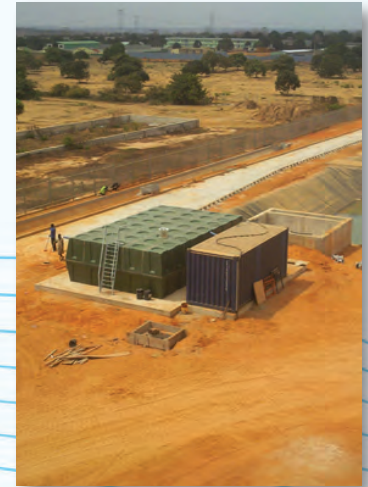
Over time, Amitek has established a combination of unique competencies within its organisation, in order to develop a thorough structural understanding of effluent problems and environment-related matters. The company is, therefore, well equipped to pursue an integrated approach in its search for – and provision of – solutions to diverse purification and effluent treatment challenges.

PARTNERSHIP IN TECHNOLOGY

Amitek constantly sources, accumulates, develops and applies innovative technologies in managing water and waste-water purification and has established firm alliances with reputable, like-minded companies who have related competencies.

In this regard, Amitek has a long-term co-operation agreement with General Environmental Science Inc. (GES), based in Ohio, USA, a world leader in the field of biotechnology. The benefits derived from this association are substantial.

GES has developed and patented a process that enables the suspension of the metabolism of micro-organisms in a liquid live form for prolonged periods. Pre-selection of bacteria performing specific functions in the treatment of a large number of effluents and pollutants serves numerous purposes. Furthermore, Amitek has vast experience in micro-organism application technology and uses a number of unique techniques to deliver liquid live micro-organisms.



THE AMITEK SERVICE OFFERING

Core technologies used by Amitek in solving its customers' effluent problems are:

- The provision of the totally South African Ampac Modular Sewage Treatment Plants and Ampure Water Treatment Plants.
- Amitek designs, manufactures, installs, commissions and maintains modular sewage treatment plants – the AMPAC – for the treatment of domestic sewage. Compact, simple and robust Ampac plants use the high-efficiency combination of return-activated sludge plus submerged aeration media, as well as a unique configuration of anaerobic, aerobic and anoxic reactors to purify effluent through various interlinked stages. This provides optimised purification and treated effluent quality to a standard that meets the requirements of the Department of Water Affairs (DWA) for the release of such treated effluent back into the environment – meeting either the General Limit Values or Special Limit Values, in terms of Section 39 of the National Water Act of 1998.



- Amitek designs, manufactures, installs, commissions and maintains water treatment plants for the provision of drinking water or for the treatment of a variety of waste-water to drinking water quality. In the Ampure treatment system a combination of technologies selected according to the nature of the raw water is applied to achieve the desired standard of purification.

QUALITY AS A CLEAR PRINCIPLE

As a provider of impeccable end products, Amitek maintains the highest quality standards throughout its operations:

- The strictest care is taken in ensuring that the correct solution is designed and the most effective product is supplied.
- Highly skilled technologists ensure that the product is manufactured to specification and lives up to every performance demand, including environmental sustainability.
- Amitek's quality principles extend to accurate, user-friendly technical and accounting backup, throughout every stage of each project.

CREDENTIALS

Amitek is a member of the Water Institute of SA (WISA) and a founder member of SEWPACKSA, a self-regulatory body of suppliers of small waste-water treatment works under the auspices of the WISA.



SERVICE WHERE AND WHEN YOU NEED IT

The Amitek operation is spread across sub-Saharan Africa and as far as Indian Ocean islands. Amitek has supplied, installed and commissioned water treatment and waste-water treatment plants in South Africa, Namibia, Lesotho, Botswana, Angola, Zambia, Kenya, Senegal, as well as on the Seychelles.

The Operating and Maintenance Division manages both the Ampac Modular Sewage Treatment Plants and Ampure Water Treatment Plants, once installed and commissioned.





MAKE CONTACT

Northern region of South Africa

Web: www.amitekghana.com
e-mail: enquiry@amitekghana.com

Tel: 0244729828 / 0317090111/2

Post : P O BOX TD 1103,
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Office Location :

1. TAKORADI - NO1 SOFOKROM

**2. TEMA- NO12 SAKUMONO
ESTATE, REGIMANUEL GREY
ESTATE**



Our value is **clear to see.**

CS484382014

C000401412X



REPUBLIC OF GHANA

Certificate of Incorporation

I hereby certify that

AMITEK GHANA LIMITED

is this day incorporated under the Companies Act, 1963 (Act 179) and that the liability of its members is limited.

Given under my hand and official seal at Victoriaborg, Accra,
this 3rd day of September 2014

For: Registrar of Companies

CS484382014

C000401412X



REPUBLIC OF GHANA

The Companies Act, 1963, Act 179

CERTIFICATE TO COMMENCE BUSINESS

I hereby certify that

AMITEK GHANA LIMITED

having complied with the provision of Sections 27 and 28 of the
Companies Act, 1963, Act 179 is entitled to commence business
with effect from **9th day of September 2014**

Given under my hand at Accra this **9th day of September 2014**

Amal Sshagne

For: Registrar of Companies



AMITEK
Water & Wastewater Purification
GLOBAL CLIENTELLE BASE:

AMITEK GHANA LIMITED
P O BOX TD 1103
TAKORADI
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E-MAIL: enquiry@amitekghana.com
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NAME OF CLIENT	LOCATION		INSTALLATION TYPE	SERVICE TYPE	YEAR OF SERVICE	REMARKS	CONTACT DETAILS	
	COUNTRY	AREA					NAME	TEL NO.
PEARLY BEACH RESORT	SOUTH AFRICA	Pearly Beach - WEST CAPE	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2008	Running	Jan Koeckemoer	072 192 4224
MAREMMAANA ESTATE	South Africa	Bot River - West Cape	Ampac- Waste/ Sewage Treatment plant (STP) Ampure - Water Treatment Plant (WTP)	Install, Operate & Maintain	2008	Running	Willem Mathews	072 115 1520
TINTSWALO LODGE	South Africa	Hout Bay - West Cape	Ampac- Waste/ Sewage Treatment plant (STP) units	Install, Operate & Maintain	2009	Running	Marc du Toit	082 498 0275
GREEN VILLAGE INFORMAL	South Africa	Vredenburg - West Cape	Ampac- Waste/ Sewage Treatment plant (STP) X 2 units	Install, Operate & Maintain	2010	Running	Gavin Williams	022 701 7113
KLEIN WELMOED FARM	South Africa	Somerset - West Cape	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2010	Running	Marissa de Kock	021 780 9100
PIEKENIERS LODGE	South Africa	Citrusdal West Cape	Ampac- Waste/ Sewage Treatment plant (STP) Ampure - Water Treatment Plant (WTP)	Install, Operate & Maintain	2011	Running		



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CAPE POINT RESERVE	South Africa	Cape Town	SBR - Waste / Sewage Treatment Plant	Install, Operate & Maintain	2013	Running	Marissa de Kock	021 780 9100
Westra	SOUTH AFRICA	KIMBERLEY	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2014	Running		
WBHO Ghana	Ghana	Tema	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2014	Under construction	Greg LeRoux	2776 094 0700
WBHO Ghana	Ghana	Accra	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2016	Running	Philip Phair	+233 54 431 5656
WBHO Ghana	Ghana	Accra	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2016	Running	Philip Phair	+233 54 431 5656
WBHO Ghana	Ghana	Accra	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2014	Running	Philip Phair	+233 54 431 5656
LMJ Construction	Ghana - Adamus Mine	Esiamma	Ampac- Waste/ Sewage Treatment plant (STP) Ampure - Water Treatment Plant (WTP)	Install, Operate & Maintain	2014	Running	Wayne van Plaaten	+27 78 411 7897
Logiman	Namibia	Tsumeb	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2014	Running	Anthony Jamieson	+264 85 634 9901



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Wolwekraans Mine		Witbank	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2013	Running	Bertus Boshoff	082 990 2598
Unik Lesotho	Lesotho	Maseru	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2013	Running	Cecil Abrahams	0026657 00 7744
Asla Devco		Matjiesfontein in W Cape	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2013	Running	Deon Potgieter	
Ruwacon Construction		Uppington N Cape	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2013	Running	De Bruin Joubert	082 407 9360
Moto Engil	Malawi		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2012	Running	Brian Lewis	00265 888 991665
Grande Cote Minerals	Senegal		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2012	Running	Ricardo Rodrigues	00221 338 693181
Lambert Electromec	Ghana		Ampac- Waste/ Sewage Treatment plant (STP) Ampure - Water Treatment Plant (WTP)	Install, Operate & Maintain	2012	Running	Bassam	00233 544 312703
Virtual Consultin		Northern Cape	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2012	Running	Johan Potgieter	724 853 582



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Piekenierskloof Resort		Western Cape	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2011	Running	Jaco van der Spuy	
Quix Air	Nigeria	Lagos	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2011	Running	John Pote	
Ha Tikoe	Lesotho		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2011	Running		
Shoprite	Angola	Huambo	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2011	Running	Hannes Kotze	082-780-2000
Nampac Angola	Angola	Luanda	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2011	Running	Stephen Heroldt	012-427-2000
Wolwekraans Mine		Witbank	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2010	Running	Rob Beardsworth	082-458-1886
Mokolodi Game reserve	Botswana		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2009	Running	Andrew Davies	0026-77-268-9069
Green Village 02		Vredenburg W C	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2009	Running	John Eyre	021-785-5650
Green Village 01		Vredenburg W C	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2009	Running	John Eyre	021-785-5650



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Bona Dea	Hermanus WC	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2009	Running	John Eyre	021-785-5650
Gunn's Camp	Okavango Delta	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2009	Running	Andrew Davies	0026-77-268-9069
Klein Welmoed	Summerset West WC	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2009	Running	John Eyre	021-785-5650
Maremanna Estate	Botriver WC	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2008	Running	Andre Van Der Merwe	0795106455
Pearly Beach	Pearly Beach WC	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2008	Running	Andre Van Der Merwe	0795106455
Maru -a-Pula	Gaborone	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2008	Running	Andrew Davies	+26772689069
Mokolodi Game Farm	Gaborone	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2008	Running	Andrew Davies	+26772689069
Broadhurst School for	Gaborone	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2006	Running	Andrew Davies	+26772689069
Multiwaste	Gaborone	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2006	Running	Andrew Davies	+26772689069

Grande Cote Zircon for Ausenco	Senegal		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2006	Running		
Fish Eagle Bay		Warmbaths	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2004	Running	Rolo	014 736-2818
Seychelles - Fregate Island	Seychelles		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2004	Running		
IPHC		Zaurbekom	Ampac- Waste/ Sewage Treatment plant (STP + ETP)	Install, Operate & Maintain	2003	Running		
Kanshanshi Copper Mine 1st	Zambia		Ampac- Waste/ Sewage Treatment plant (STP + ETP)	Install, Operate & Maintain	2003	Running		
Kanshanshi Copper Mine 2nd	Zambia		Ampac- Waste/ Sewage Treatment plant (STP + ETP)	Install, Operate & Maintain	2003	Running		
Ongava Game Lodge	Namibia		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2003	Running		
Seychelles - North Island	Seychelles		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2002	Running		
Tecnocarto	Nigeria		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2002	Running		



Water & Wastewater Purification

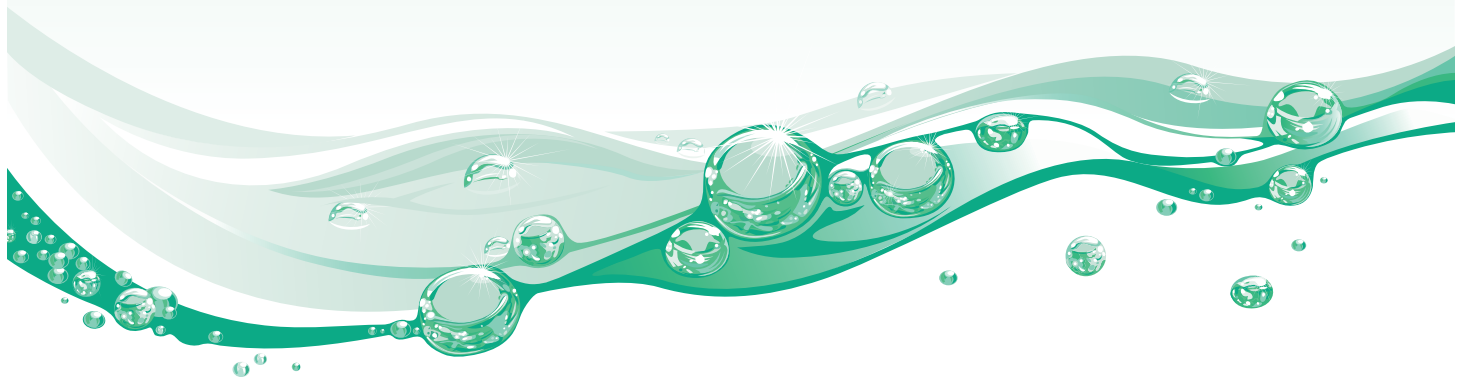
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Nieuwe Sion Wine Farm		Franschoek	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2001	Running	Melvyn Goldberg	
Quachasnek	Lesotho		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2001	Running		
Wickers Country Lodge		Magaliesburg	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2000	Running		
Kisumu Hydro-electric Scheme	Kenya		Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	2000	Running		
Magaliespark Timeshare Resort		Magaliesburg	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	1999	Running		
ERP M Golf Club		Germiston	Ampac- Waste/ Sewage Treatment plant (STP)	Install, Operate & Maintain	1998	Running		
TF Properties	Ghana	Accra	Ampac - Waster water treatment	Install, Operate & Maintain	TBS	TBS		
Garden City Mall	Ghana	Kumasi	Ampac - Waster water treatment	Install, Operate & Maintain	2017	Under construction		
Achimota Retail Center	Ghana	Accra	Ampac - Waster water treatment	Install, Operate & Maintain	2016	Running		

Kumasi City Mall	Ghana	Kumasi	Ampac - Master water treatment	Install, Operate & Maintain	2017	Running		
Takoradi Shopping Mall	Ghana	Takoradi	Ampac - Master water treatment	Install, Operate & Maintain	2017	Under construction		
Banfora Gold project	Burkina Faso	Ouagadougou	Ampac - Master water treatment	Install, Operate & Maintain	TBS	TBS		
Yinson Productions West Africa	Ghana - Offshore Cape three Point	FPSO JAK	STP optimization	Investigate & Enhance existing STP for optimum efficiency	2018	Ongoing	Kris Wozniak	



MODULAR SEWAGE TREATMENT PLANTS



Focused on future demands. Clearly.



As a product development by Amitek, a company specialising internationally in water, waste-water and effluent purifying systems, the Ampac has been designed specifically for sewage treatment. Backed by its network and design and management know-how, Amitek is geared to supply world-class, innovative solutions to customers throughout sub-Saharan Africa and on Indian Ocean Islands.

THE AMITEK AMPAC SOLUTION

Ampac Modular Sewage Treatment Plants are compact, configurable, modular waste-water treatment units.

Effective Because of their modular design and treatment process, Ampac plants can effectively treat, on an ongoing basis, effluent generated by between 10 and 500 people.

Versatile Although modular, each Ampac design and installation is site-specific in accordance with individual customer requirements. Its modular and configurable design allows it to be integrated into the most sensitive and trying locations.

Durable Ampac plants are manufactured off-site in UV-resistant GRP glass-fibre modules and will last for at least 25 years.

Simple Plants are assembled on-site, installed below or above ground level and commissioned quickly and easily. Ampac eliminates the need for large civil construction works and on-site labour. The Ampac Compact – a smaller model – does not require on-site assembly at all. It is constructed off-site and delivered as a built-up unit for quick and easy installation and commissioning.

AMPAC IN ACTION

Ampac units are ideal as plants for the treatment of domestic sewage in the event of projects that do not have a formal municipal sewer connection. Compact, simple and robust, Ampac plants use the highly efficient submerged aeration media method to purify effluent through various interlinked stages. This provides optimised nitrification and a treated effluent quality that meets the requirements of the Department of Water Affairs (DWA) for the release of such treated effluent back into the environment under the General Limit Values, in terms of Section 39 of the National Water Act.

Designed and constructed to provide the most practical solution:

- The design is based on sound, tried and tested technologies.
- Ampac plants are single compact units with no tanks and gaps to gather dirt or rubbish.
- Plants are easy to pack into shipping containers for assembly anywhere, even at remote sites.
- An easy-to-clean solids strainer allows easy removal of plastic bags, cloths, etc.
- Proper aeration is provided by robust nopen fine-bubble spargers and side-channel blowers.
- A duty and standby blower ensures continuous safe operation by ensuring adequate oxygen and returning sludge.
- There are no pumps between chambers that can cause blockages and stoppages.
- The ingenious design makes plant overflows impossible.
- Irregular flows into the plant will not upset its functioning.
- Ampac is easy to de-sludge and maintain.
- Flow meters constantly measure flow-through.

THE AMPAC TREATMENT PROCESS

Ampac uses the tried and tested "Submerged Aeration Media" (SAM) method for treatment. This method comprises seven sequential treatment steps and involves:

- solids removal by either a solids collection basket or a screening grid, depending on the model
- an anaerobic settler, followed by
- an anoxic settler and
- an aeration chamber into which air is blown to supply the required volume of oxygen. Special media sheets are suspended above the air spargers for the growth and retention of aerobic bacteria to continue the digestion of organic material in the effluent
- the settler, in which micro-organisms and any remaining inorganic material is settled out and returned to the primary anaerobic settler by a unique efficient venturi method
- an extended anoxic chamber after the settler that assists in the removal of nitrates
- a disinfection chamber that uses either chlorine, ozone or ultra-violet light to destroy any remaining micro-organisms or pathogens.

CIVIL CONSTRUCTION AND HOUSING OF AMPAC UNITS

All the inter-leading chambers of Ampac units are housed in an Amtank that is constructed in UV- and moisture-resistant GRP glass-fibre panels that are hot-press moulded and comply with BS 7491 part 3. Units are manufactured off-site and assembled on-site, using approved hot-dip galvanised steel parts on the outside and stainless steel fasteners on the inside, and sealed internally with a Plexus epoxy specifically designed for use in sewage treatment plants. The structure is supported and stabilised internally by means of chamber partitions, a series of connecting tensile stainless steel rods and attachments and PVC vertical support columns. Furthermore, Ampac units are assembled on a smooth, level concrete slab, making it easy and quick to install them on site.

PERFORMANCE REQUIREMENTS STANDARDS

Ampac treats sewage to the discharge standards as required by the Department of Water Affairs and determined by legislation, i.e.:

	General Limit Standard (GLS)	Special Limit Standard (SLS)*
Suspended solids	< 25 ppm	< 10 ppm
of COD	< 75 ppm	< 30 ppm

* Complying with Special Limit Standard involves additional treatment steps that can be added to the standard Ampac process.



FEATURES AND BENEFITS

FEATURES:	BENEFITS:
No large moving parts	Easy and economical to maintain
Compact design	Requires very little space
Minimal civil works required	Can be installed in remote areas, difficult to access
Totally enclosed	No unpleasant odours
	No foreign material can access the unit
Delivered to site in knock-down format	Easy to assemble
	Easy and economical to transport
Discharge meets DWA requirements	Can be installed anywhere
	Discharges directly into the environment
Very little maintenance required	Economical to maintain, no dedicated operator required.
Very low power requirement	Economical to run
Aesthetic appearance	Can be installed close to high-traffic areas
Can be installed above ground level	No rock excavation required
	Suitable for areas with a high water table
	Very little site preparation required
Can be installed below ground level	Out of sight
	Can be installed close to high-traffic areas
	Space above the unit can be utilised
	Sewage can gravity-feed into the unit
Modular design for 10 to 500 people	Can be easily sized
	Can be expanded as requirements grow
Uses proven technology	No risk of inadequate performance

THE AMPAC UNIT RANGE

This table shows the standard range of Ampac units. Units outside of the standard range can be supplied on request.

Ampac model	Treatment volume	Organic load	Population equivalent	Length	Width	Depth	Power Required
	M3 per day	g per day	200lts/pax/day	mm	mm	mm	kW
10	10	3 000	50	4 000	4 000	2 000	2.2
15	15	4 500	75	8 000	3 000	2 000	2.2
20	20	6 000	100	8 000	4 000	2 000	2.2
25	25	7 500	125	8 000	5 000	2 000	2.2
30	30	9 000	150	8 000	6 000	2 000	4.0
40	40	12 000	200	8 000	8 000	2 000	4.0
50	50	15 000	250	12 000	7 000	2 000	4.0
60	60	18 000	300	12 000	8 000	2 000	4.0
70	70	21 000	350	12 000	9 000	2 000	4.0
80	80	24 000	400	16 000	8 000	2 000	5.5
90	90	27 000	450	16 000	9 000	2 000	5.5
100	100	30 000	500	16 000	10 000	2 000	5.5

TYPICAL APPLICATIONS

- Retail shopping centres • Construction sites • Mines
- Remote hospitals and clinics • Housing estates
- Guest houses • Golf estates • Resorts • Lodges • Hotels
- Caravan parks • Police stations • Schools

SERVICE WHERE AND WHEN YOU NEED IT

Once installed and commissioned, Ampac Modular Sewage Treatment Plants can be managed fully by the Amitek operation – established in 1994 and reaching across sub-Saharan Africa and as far as Indian Ocean Islands. Amitek has supplied, installed and commissioned water treatment and waste-water treatment plants in South Africa, Namibia, Lesotho, Botswana, Angola, Zambia, Kenya, Senegal, as well as on the Seychelles.

Amitek is a member of the Water Institute of SA (WISA) and a founder member of SEWPACKSA, a self-regulatory body of suppliers of small waste-water treatment works under the auspices of WISA.

Submit your Ampac requirements to Amitek and be assured of clear-cut solutions!



MAKE CONTACT

Contact details for all your requirements regarding Ampac Modular Sewage Treatment Package Plants:

Web: www.amitekghana.com
e-mail: enquiry@amitekghana.com

Tel: 0244729828 / 0317090111/2

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Office Location :

1. TAKORADI - NO1 SOFOKROM

**2. TEMA- N012 SAKUMONO ESTATE, REGIMANUEL
GREY ESTATE**



Amitek product range



Focused on future demands. Clearly.

www.amitekghana.com



WATER TREATMENT PLANTS



Focused on future demands. Clearly.



As a product development by Amitek, a company specialising internationally in water, waste-water and effluent purifying systems, the Ampure system has been designed specifically for water treatment. Backed by its network and design and management know-how, Amitek is geared to supply world-class, innovative solutions to customers throughout sub-Saharan Africa and Indian Ocean Islands.

THE AMITEK AMPURE SOLUTION

Ampure Water Treatment Plants involve a front-line water purification system that is designed, built and scaled in accordance with a community's requirements regarding potable water. The Ampure range is designed to treat water from various sources to drinking quality (or better if required). Each Ampure plant is specified to accommodate the source water quality, deliver the required treated water quality and volume, as well as to observe the conditions of the environment where it is to be installed.

THE AMPURE TREATMENT PROCESS

During the design phase, technologies selected from a vast source are combined, to ensure that the most efficient process is devised to achieve the required results in the most cost-effective way. These technologies include – but are not limited to – flocculation, settling, pH adjustment, sand filtration, activated carbon filtration, ultra-filtration and reverse osmosis, various methods of water-“softening”, sterilisation by chemicals, ultra-violet light and ozone treatment.

Design and installation involve the following:

- The required treated water quality and volume are determined.
- The raw water quality is evaluated.
- An Ampure system fitting the exact specifications is designed.
- The location and housing requirements of the plant are determined.
- The Ampure plant is designed and manufactured off-site, delivered, installed and commissioned.
- Backup is provided through a comprehensive operating and maintenance service to ensure optimal performance at minimal costs.



FEATURES AND BENEFITS

FEATURES:	BENEFITS:
Designed and built to site-specific requirements	Not an off-the-shelf solution
Wide range of technologies to ensure an optimally cost-effective solution	Not punting any single technology
Robust, durable design	Long-life, continuous supply, reliable system
Energy-saving and environment-friendly solutions	Economical to use
Built off-site and transported to site for installation and commissioning – reducing on-site contractor time	No long civil works programme Minimal labour requirements
Modular design allows future additions as requirements change	Enables capex management as a project grows.

TYPICAL APPLICATIONS

Ampure Water Treatment Plants are typically used where there is no locally purified water connection available or a connection by local authorities for municipal supply. Such applications include:

Site camps • Resorts • Clinics • Police stations • Schools • Farms
• Mines • Lodges • Construction sites • Municipal water supplies

THE AMITEK AMPURE MOBI SOLUTION

The Ampure Mobi is a fully self-contained water treatment plant mounted on a trailer to enable water to be treated at the source and to deliver drinking water quickly and efficiently to remote areas or where standby capacity is required.

SERVICE WHERE AND WHEN YOU NEED IT

Once installed and commissioned, Ampure Water Treatment Plants can be managed fully by the Amitek operation – founded in 1994 and reaching across sub-Saharan Africa and as far as Indian Ocean Islands. Amitek has supplied, installed and commissioned water treatment and waste-water treatment plants in South Africa, Namibia, Lesotho, Botswana, Angola, Zambia, Kenya, Senegal, as well as on the Seychelles.

Amitek is a member of the Water Institute of SA (WISA) and a founder member of SEWPACKSA, a self-regulatory body of suppliers of small waste-water treatment works under the auspices of WISA.



Submit your Ampure requirements to Amitek and be assured of clear-cut solutions!



MAKE CONTACT

Contact details for all your requirements regarding Ampure Water Treatment Plants:

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e-mail: enquiry@amitekghana.com

Tel: 0244729828 / 0317090111/2

Post : P O BOX TD 1103, TAKORADI - GHANA

Office Location :

1. TAKORADI - NO1 SOFOKROM

**2. TEMA- N012 SAKUMONO ESTATE, REGIMANUEL
GREY ESTATE**



Amittek product range



Focused on future demands. Clearly.

WWW.amitekghana.com