



ampure

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.

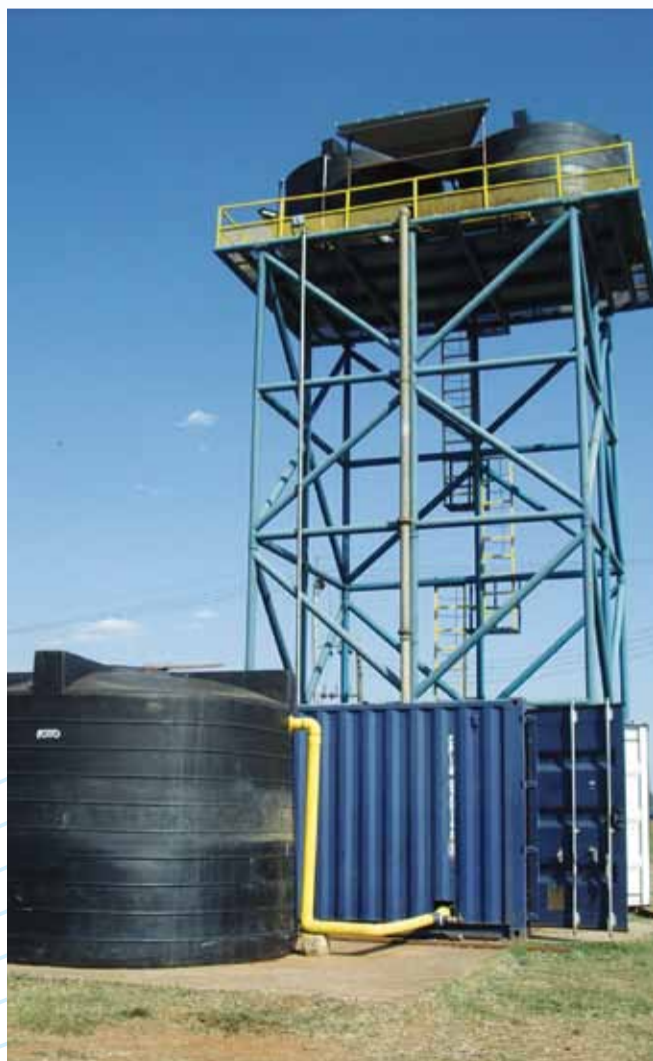
SERVICE WHERE AND WHEN YOU NEED IT

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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Amitek product range



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