



Amiantit Group of Companies
Main Products Catalogue

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GCEO Message

At Amiantit, we believe water is the foundation of sustainable progress.

Our vision is to be the region’s leading provider of integrated water solutions, delivering smart, reliable systems that cover the entire water cycle—from source and transmission to treatment, flow control, and reuse.

We have evolved from being a worldwide leader in pipe manufacturing into a full-scope water solutions company—driven by innovation, advanced technologies, and a commitment to efficiency and environmental responsibility.

We are committed to offering innovative solutions that contribute to achieving clean energy and carbon-zero emissions. We believe in the importance of environmental sustainability and work on developing products and technologies that reduce environmental impact, thus supporting the Kingdom’s efforts to achieve the goals of clean energy and sustainability.

By empowering national talent and building lasting partnerships, we proudly support the Kingdom’s Vision 2030 and the future of water security.

Feras Ghassab Al Harbi
Group Chief Executive Officer



AMIAANTIT in a glance

If water had a partner in progress, it would be Amiantit.

We don't just make pipes, we engineer possibilities.

From mega infrastructure to specialized industrial applications, Amiantit delivers advanced, tailored solutions that move, manage, and protect one of the world's most vital resources, WATER.

Our commitment to research and development drives everything we do, constantly pushing the boundaries of performance, materials, and technology to meet evolving water demands.

With decades of expertise and a futuristic mindset, we help cities grow, industries run, and systems endure, setting new standards in performance, reliability, and impact.

Amiantit, connecting the world with its future .



Since 1968



More than
1200 Customers



56 Production
lines



3800 Employees

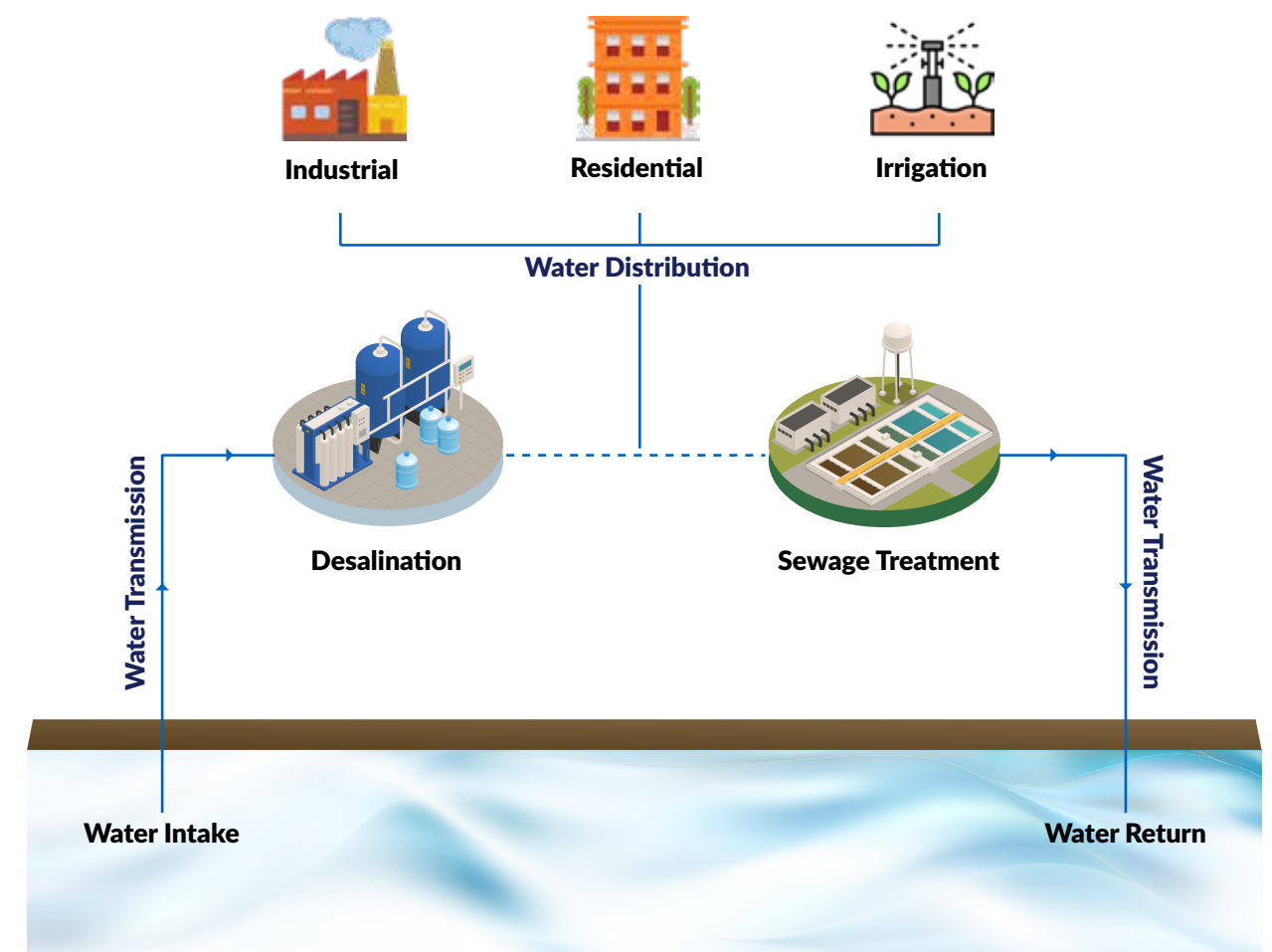


23 Production
Facilities



12 Products
in Production Scope

AMIAANTIT is in the whole Cycle of Water



We Go By Many Names





01

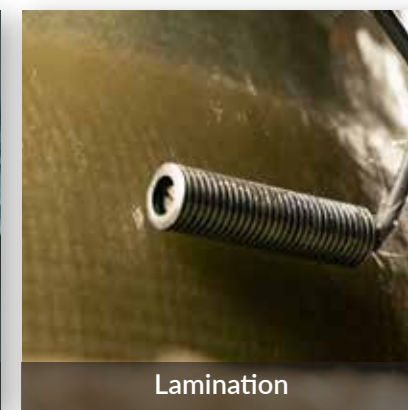
Amiantit Fiberglass Industries Ltd. (AFIL)

Introduction

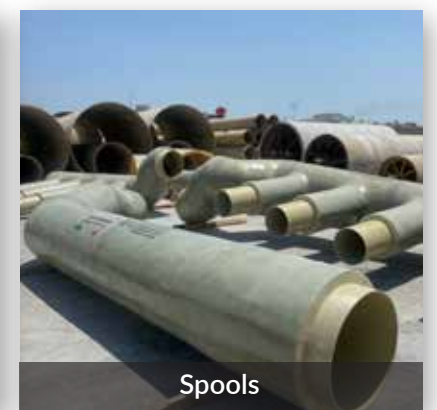
Amiantit Fiberglass Industries Ltd. (AFIL) was founded in 1977 as a joint venture between the Saudi Arabian AMIAANTIT Company (SAAC) and FLOWTITE (now AMIBLU). Headquartered in Dammam, Saudi Arabia, AFIL expanded its production in 2002 by establishing a GRP manufacturing facility in Jeddah. As a member of the Saudi Arabian AMIAANTIT Group, AFIL provides high-quality Glass Reinforced Polyester (GRP) / Glass reinforced Vinylester (GRV) products for water, chemical, industrial waste, and wastewater applications.



High Quality GRP Pipes



Lamination



Spools



Fiberglass Pipes & Couplings

Product Range



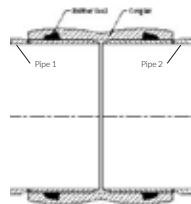
Product Characteristics



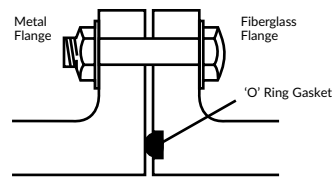
Applications

Potable & Raw Water	Storm Sewers	Sanitary Sewage	Desalination Plants
Seawater Intake & Cooling Water Lines	Circulating Water for Power Plants	Industrial & Chemical Waste	Irrigation

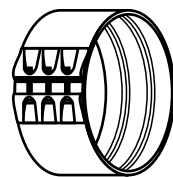
Joint Types



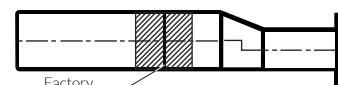
GRP Coupling
(Two Rubber Rings)



Flange Joint



Mechanical Steel
Coupling



Laminated Joints
(Butt Strap)

Tanks



Aboveground Vertical Tank



Aboveground Horizontal Tank



Underground UL Listed Tank



Double Wall Tank



Housing Tank



Donut Type Tank

Jacking Pipes

Trenchless solutions using GRP pipes for micro tunneling



Tunnels



Micro-Tunneling



Testing



Installation



Glass Reinforced Polyester Jacking Pipe Project

Accreditations





AMIPOX

GRE Products

02

Amiantit Epoxy Pipe Production Plant (AMIPOX)

Introduction

Amiantit Epoxy Pipe Production Plant (AMIPOX), a subsidiary of Saudi Arabian AMIAANTIT Co., was established in 2003 in Dammam. Utilizing AMIPOX Technology, the plant produces high-quality, lightweight Fiberglass-Reinforced Thermosetting Resin (RTR) piping systems known for their resistance to internal and external corrosion. These durable and cost-effective pipes serve diverse applications and are engineered for a long service life, reflecting AMIPOX's commitment to excellence.



Pipe Inspection



Finishing



Mold Preparation for Production

Product Range

Pipes

Fittings

Spools

Product Characteristics

Diameter
25 mm to 1200 mm

Pressure
1 bar to 75 bars

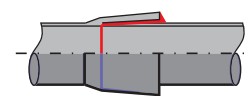
Uses
Underground, Aboveground
& submerged applications

Resin
Epoxy Resin

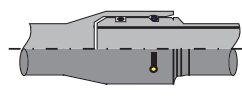
Applications

Oilfield Injections	Fire Fighting Systems	Crude Oil Transmission	Saltwater and Seawater
General Industrial Services for Corrosive Liquids	Brackish Water	Potable Water	Brine

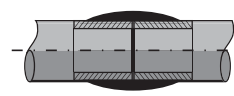
Joint Types



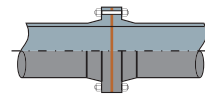
Adhesive Taper Joint



Seal-Lock Joint



Plain End Joint



Flanged Joint



Accreditations



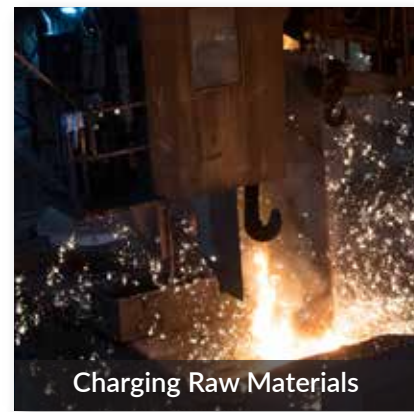
SADIP
Ductile Iron Products

03

Saudi Arabian Ductile Iron Pipes Co. Ltd. (SADIP)

Introduction

Saudi Arabian Ductile Iron Pipes Co. Ltd. (SADIP) was established in January 1988 as a joint venture between Saudi Arabian AMIAANTIT Co. and Pont-a-Mousson, a global leader in ductile iron pipes. Leveraging over 130 years of expertise, Pont-a-Mousson provided technology, equipment, and process development, driving SADIP's rapid growth. As the first plant in the Middle East to adopt the centrifugal production process for ductile iron pipes, SADIP upholds rigorous quality standards such as ISO 2531, BS EN 545, and SASO 1020.



Charging Raw Materials



Casting



Magnesium Treatment

Product Range

Pipes

Fittings

Product Characteristics

Diameters

Pipes: 80 mm to 1000 mm
Fitting: 80 mm to 2000 mm

Pressure

Gravity up to 60 bar

Uses

Underground, Aboveground
& Submerged Applications

Applications

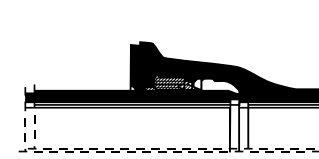
Drinking & Irrigation
Water Networks

Sewerage Networks

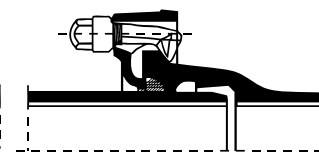
Fire Fighting Systems

Storm & Raw Water

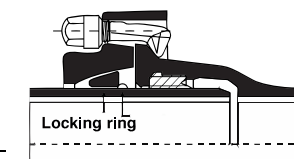
Joint Types



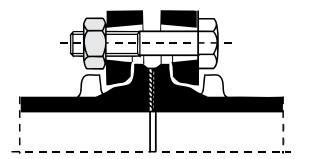
Push-On Joint



Express/Mechanical Joint



Lock Joint



Flange Joint



Ductile Iron Pipes



Metal Pouring



Casting

Accreditations





04

Poly Pipe Manufacturing Co. (APPCO)

Introduction

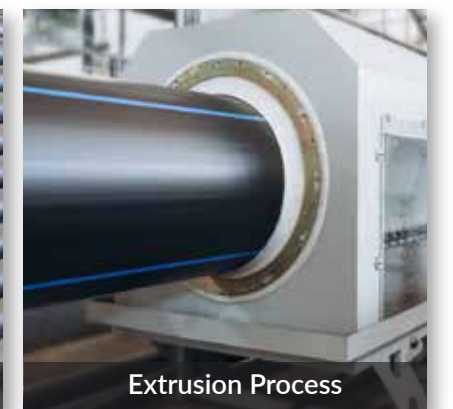
A member of the AMIAANTIT Group, Poly Pipe Manufacturing Co. (APPCO) has leveraged its rich heritage to become a prominent supplier of HDPE piping systems since 2002. Encompassing 100,000 square meters, our state-of-the-art facility harnesses cutting-edge extrusion technology to manufacture a comprehensive portfolio of pressure-rated HDPE solid wall pipes. This ensures we can provide customers with complete, high-performance piping solutions. Our unwavering commitment to quality underpins our production processes, guaranteeing exceptional product consistency.



Solid Wall HDPE Pipe



Solid Wall HDPE Pipe



Extrusion Process



Extrusion Process

Product Range

Pipes

Fittings

Product Characteristics

Diameter

Solid Wall: 16 mm to 630 mm
Corrugated Wall: 200 mm to 600 mm
(contact us for larger diameters)

Pressure

Gravity up to 32 bar

Joint System

Butt-fusion welding, Electrofusion welding, Compression coupling, Flange connection

Applications

Hot & Cold-Water System	Drinking Potable Water Supply	Cabl Ducts (Non-Pressure Pipes)	Storm Water Drainage
Land Drainage	Drainage of Leachate Systems	Industrial Water	Chemical Process Piping
Firefighting System	Domestic Gas & Oil Pipe Systems	Waste Disposal	Sewer Network
Sewer & Effluent Treatment Plants	Outfalls	Sand & Slurry Pumping	Industrial Waste



Production Process



Accreditations



AMICON

Ductile Iron Valves

05

Saudi Amicon Co. Ltd. (AMICON)

Introduction

Founded in 2016 as a subsidiary of the Saudi Arabian AMIAN TIT Company, Saudi Amicon Co. Ltd. (AMICON) specializes in manufacturing high-performance valves for water applications. Committed to "Made in Saudi" excellence, AMICON collaborates with sister companies to enhance its offerings. The company competes globally and has earned the trust of major clients.



Product Range

- Butterfly Valves
- Gate Valves
- Air Release Valves
- Swing Check Valves
- Tilting Check Valves

Product Characteristics

Butterfly Valves Diameter: 100 mm to 2000 mm Pressure: 10,16,25 Bars	Gate Valves Diameter: 50 mm to 300 mm Pressure: 10,16,25 Bars	Air Release Valves Diameter: 50 mm to 250 mm Pressure: 10,16,25 Bars
Swing Check Valves Diameter: 50 mm to 600 mm Pressure: 10,16,25 Bars	Tilting Check Valves Diameter: 100 mm to 2000 mm Pressure: 10,16,25 Bars	

Applications

- Potable Water
- Irrigation
- Stormwater
- Sewage
- Chilled Water

Valves Types



Accreditations





06

Factory of Amiantit Rubber Industries Ltd. (ARIL)

Introduction

Factory of Amiantit Rubber Industries Ltd. (ARIL), a subsidiary of Saudi Arabian AMIAANTIT Company, has been a leading manufacturer of high-quality rubber products since 1978. Specializing in rubber products, ARIL serves both group and independent companies in the pipe manufacturing industry, domestically and internationally. The company also provides customized solutions for various sectors, including construction, air conditioning, and defense.



Flange Gasket



Foam Insulation Tube



PVC Pipe Gasket

Product Range

Rubber Rings	Duct Sealing Units	Tank Pads (Track Shoe)	Rubber Diaphragm	O-Rings
Inflatable Tubes	Rubber Spiders	Rubber Seals & Gaskets	Rubber Cushions & Liners	Channel Sealing Units (DSU)

Applications

Water & Sewage	HVAC	Machinery	Oil & Gas
Vehicles			

ARIL's major products include:



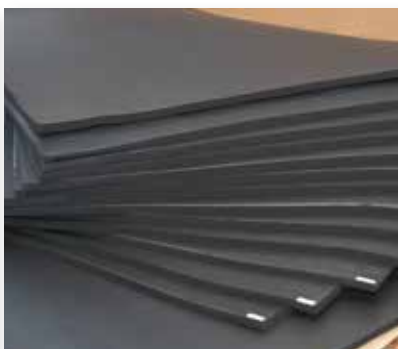
Ductile Iron Pipe Gasket

Vibration isolation components and noise reduction for various applications



Special Rubber Products

Rubber products specifically designed for the automotive, industrial & petroleum sectors



Foam Sheet

Designed for HVAC systems, provides heat insulation

Beyond these, ARIL provides a wide range of high-quality rubber solutions tailored for durability and performance.



Rubber Wheel



Tank Pad (Track Shoe)



Rubber Spiders



Duct Sealing



Flange Gasket



Rubber Stoppers

Accreditations



ISECC

Design, Engineering & Implementation Services

07

Infrastructure Engineering Contracting Co. Ltd. (ISECC)

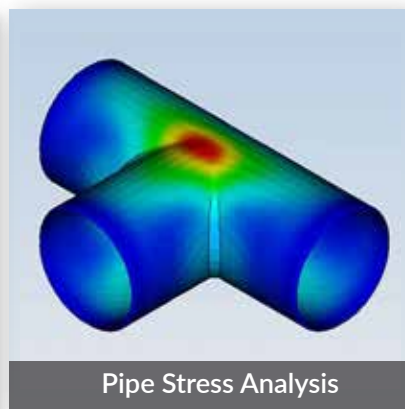
Introduction

Infrastructure Engineering Contracting Co. Ltd. (ISECC) specialized in electro-mechanical design and execution of the projects. Their services span from FEED to commissioning, including pipeline and tanks designs, stress and hydraulic analysis, finite element analysis, and remnant life assessment. They also offer training and inspections.

By partnering with ISECC, clients gain access to exceptional engineering solutions that optimize the performance and longevity of fiberglass piping systems while ensuring compliance with the latest international standards. ISECC specializes in delivering high-quality installation services for fiberglass piping across industries, including power and desalination projects, petrochemical complexes, infrastructure development, and industrial tanks. Their experienced team employs proven techniques, rigorous quality control, and a safety-first approach to guarantee efficient installations and long-term system performance.



Fiberglass Installation



Pipe Stress Analysis



Fiberglass Maintenance

ISECC Services

Engineering & Design Services

Testing & Commissioning Services of Installed Piping Systems

Site Consulting, Support & Supervision

Supply, usage & training on specialized equipment

Full Scale System Installation

Specialities

Oil & Gas

Desalination

Civil

Mechanical



Shuqaiq Project SEC (KSA)



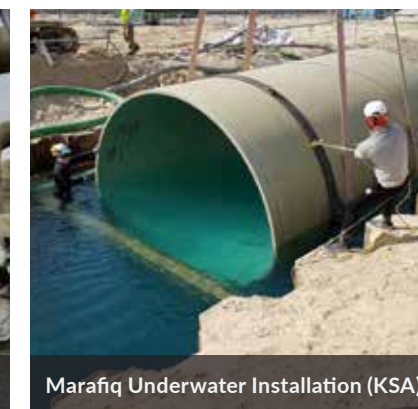
Hassyan Power Plant DEWA (UAE)



MED Marafiq (KSA)



Shoaiba 3 Desalination SWCC (KSA)



Marafiq Underwater Installation (KSA)



Shuweihat Desalination Plant (KSA)



Jeddah RO 3 SWCC (KSA)



Shuwaikh RO Plant (Kuwait)



Umm Al Houf Power Plant (Qatar)



Ras Al-Khair SWCC (KSA)



Water & Wastewater Treatment Plants

08

PWT SAUDI Co. LTD (PWT)

Introduction

PWT is one of the leading contractors for the design, realization and operation & maintenance of treatment plants for wastewater, desalination of sea water, brackish water, ground water and drinking water.

We offer economical, customised and manufacturer-independent solutions for municipal water supply and wastewater treatment as well as for process water treatment and water recycling for any industrial sector. From initial planning and digitalization to seamless implementation and ongoing operation—whether it's a brand-new facility or a refurbishment project—PWT stands by every step, ensuring excellence at every stage.

Applications



Drinking Water

Whether from surface water, ground water or seawater – PWT supplies you with the solution adapted to your needs, which comply with international and region-specific norms and standards.



Process Water

PWT offers you modern and energy optimised process water treatment plant. The focus will be on operational safety, economy and sustainability of the solution.



Waste Water

We draw on proved technologies, but also use innovative concepts, depending on the respective conditions and client's requirements. On request, we will be pleased to support you in preparing your application for the approval authority and accompany you through the approval procedure.

Services

General Contracting

Process Design

Conceptual Design

Project Engineering

Detail Engineering

Documentation

PLC Programming

Control Technology

SCADA Programming

Installation & Communication

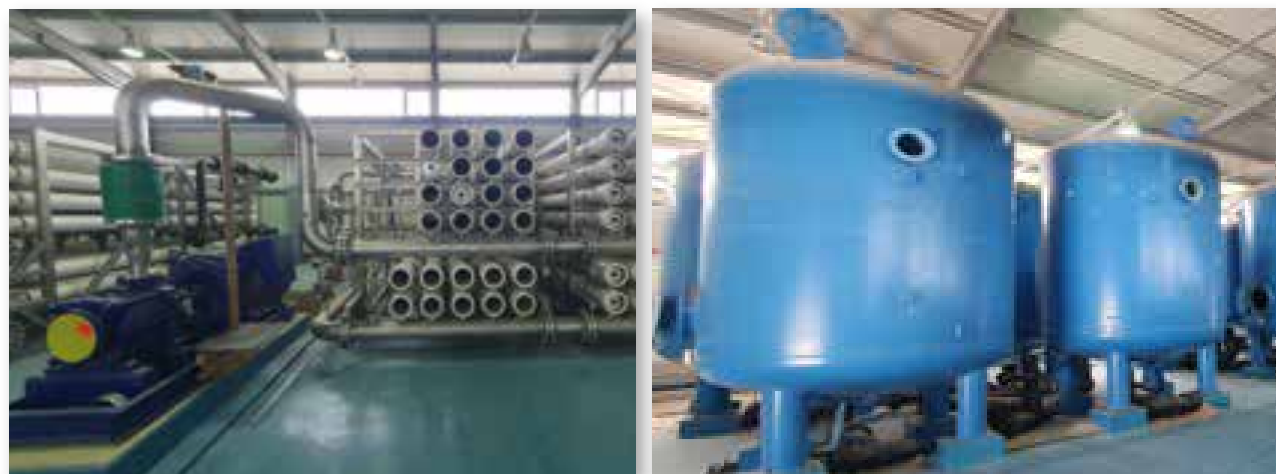
Operator Training

Operation & Maintenance

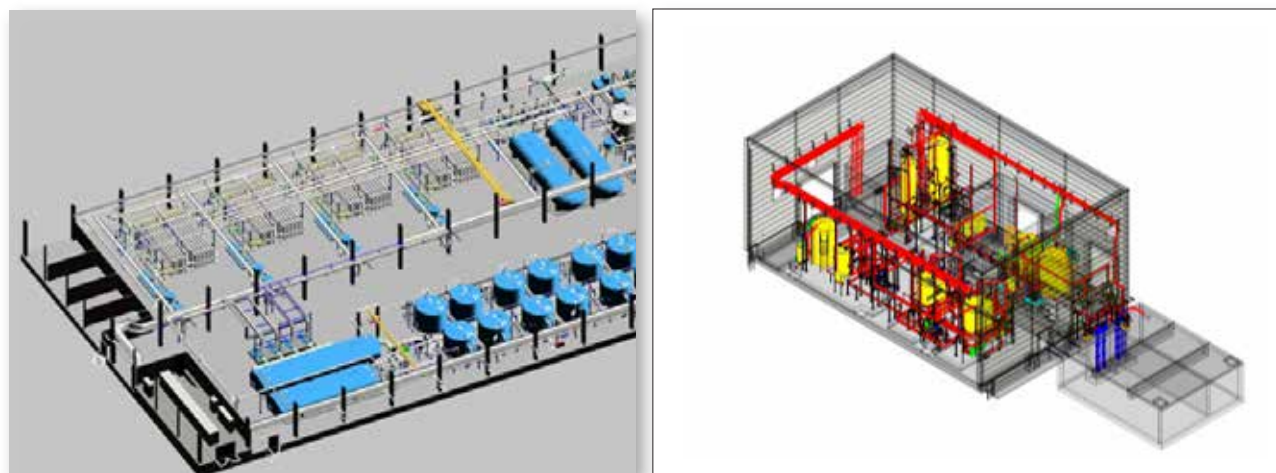
Sewage Treatment Plants



Desalination Plants



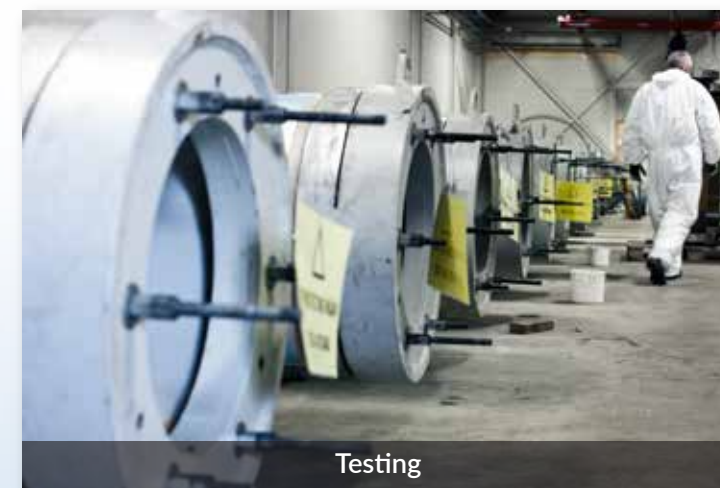
Industrial Treatment Plants



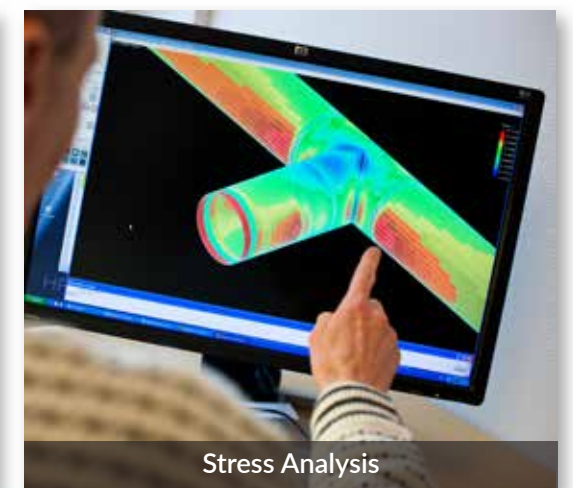
Research & Development Centres

The Amiantit Research & Development Center, It is a cornerstone of innovation within the AMIAANTIT ecosystem. With dedicated R&D facilities in both Saudi Arabia and Norway, the company drives advancements in industrial pipe systems, fittings, and equipment, with a primary focus on water solutions. Aligned with AMIAANTIT Technology and AMIBLU of Norway, these centers play a crucial role in enhancing both non-metallic and metallic products, ensuring efficiency and sustainability in water management.

With a team of skilled professionals, Amiantit excels in developing and testing pipes, optimizing equipment, and advancing material technologies. Its state-of-the-art laboratory, recognized as one of the world's leading facilities for GRP and Epoxy pipe testing, features advanced short- and long-term Hydrostatic Design Basis (HDB) test stations and high-temperature testing capabilities. Furthermore, the facility boasts expansive hot rooms capable of conducting short- and long-term testing at elevated temperatures of 65°C and 95°C. Sustainability remains at the core of its R&D efforts, integrating eco-friendly materials and carbon emission reduction strategies to develop water solutions that contribute to a greener future.



Testing



Stress Analysis



Research and Development

Amiantit Recognized by All Authorities



Accreditations





AMIA NTIT

Disclaimer: This General Catalogue is for reference only. All product data provided are nominal and may change without notice. Performance may vary due to environmental or operational factors. Users must ensure proper training and consult Amiantit's engineering team to verify product suitability for intended applications. Amiantit assumes no liability for damages resulting from the use or installation of products listed herein.



AFIL



AMIPOX



SADIP



APPCO



AMICON



ARIL



ISECC



PWT