



Designing &
Manufacturing
Industrial Composite
Products for
Protective Application

CORPORATE PROFILE
BROCHURE
VERSION 2



Contents



04	ABOUT US	13	HISTORY
05	VISION, MISSION & VALUES	14	MAJOR PROJECTS
06	CORPORATE STRUCTURE	15	PRODUCT RANGE
08	OUR USP's	18	PRODUCT CERIFICATIONS
09	MANUFACTURING	20	SOPs
11	INDUSTRIES	21	OUR MARKETS [®]
12	OUR CLIENTS	22	LOCATIONS

CEO's Message



It gives me great pleasure to welcome and introduce you to GRP Industries. Our Corporate Brochure is designed to provide a snapshot of our mission and values, corporate culture, manufacturing processes and products; along with the value proposition we have been delivering to our customers for over 25 years.

Since the company's inception in 1989, GRP industries has played a pioneering role in the supply of composite products by consulting and manufacturing for contractors across industries to yield a broad range of protection solutions. The GRP brand symbolizes dependability, quality, customer service, and responsibility; without question. Integrity drives us to unflinchingly honor our commitment to our clients and other stakeholders; as well as exercise economic and social responsibility.

We pledge to continue serving and engaging all our stakeholders in the challenges and achievements we encounter moving ahead.

Regards,

Suneel Aggarwal
Chief Executive Officer





Solapak Ltd., United Arab Emirates



Everyone at GRP Industries is kind and professional. The sales staff and engineers we've worked with, are very knowledgeable, helpful and quick to offer solutions to meet our needs. They truly get the job done. We can completely rely on them for all our GRP related requirements.



About Us

We are a manufacturer of industrial composite products with a focus on designing, manufacturing and delivering a customized range of weatherproof enclosures that cater specifically to the industries we operate in and we have been doing it for over 25 years. Our headquarters are based in the developed nation of United Arab Emirates, but our supply stretches globally from the Americas to the Far East. We are the trusted partner for utility authorities across the Gulf Cooperation Council (GCC) Countries along with global contractors across several industries.



**OUR LOVE FOR MANUFACTURING
AND OUR CUSTOMERS DRIVES
WHAT WE DO, WHO WE ARE,
AND HOW WE DO IT...
EVERY DAY.**

What We Do?

At GRP Industries, we all come to work every day because we want to solve the problem of protecting sensitive equipment installed outdoors in harsh weather climates. The solutions encompass protecting pressure meters installed along gas pipelines across the deserts in Texas, United States from damaging UV exposure for the oil & gas industry; or protecting electrical circuit breakers in outdoor switchgear installations for the power distribution industry when temperatures hit 50°C across the city of Dubai, United Arab Emirates. We design and manufacture a weatherproof product that encloses the equipment and protects it...reliably. We produce similar solutions to similar problems for the water treatment, telecom, fire, solar and construction industry.

How Do We Do It?

Our name GRP is synonymous with Glass Reinforced Polyester materials and is our preferred composite material of manufacturing for its design flexibility, steel matching strength and insulating properties with anti-corrosion features. With grp materials, our products are custom designed as per your requirement to deliver our highest priority promise: Protection. Critical design elements such as the sealing, locking mechanism and resistance to fire are considered; without neglecting functionality, aesthetics and long-term reliability of our products. These efforts are capped off by our Quality Department rigorously inspecting all these components and certifying them by independent labs to international protection standards in the US, UK, and Europe.

Vision

We envision to protect each & every equipment installed outdoors with a GRP Industries' product.

Mission

To build the best product, use business to inspire and implement solutions while offering the customer the highest grade of service, selection, quality and value. To do this, we have established a culture that supports our team members, so they can provide exceptional service to our customers.

Values

GRP industries enjoys a strong reputation for Integrity and commitment across our customers. Our core values are designed to help each one of us meet that obligation. We believe that when we apply these values in our everyday work, our company is positioned for success.



Growth



Quality



Ethics and Conduct



Respect and Dignity



Customer Satisfaction



Teamwork



Safety and Health

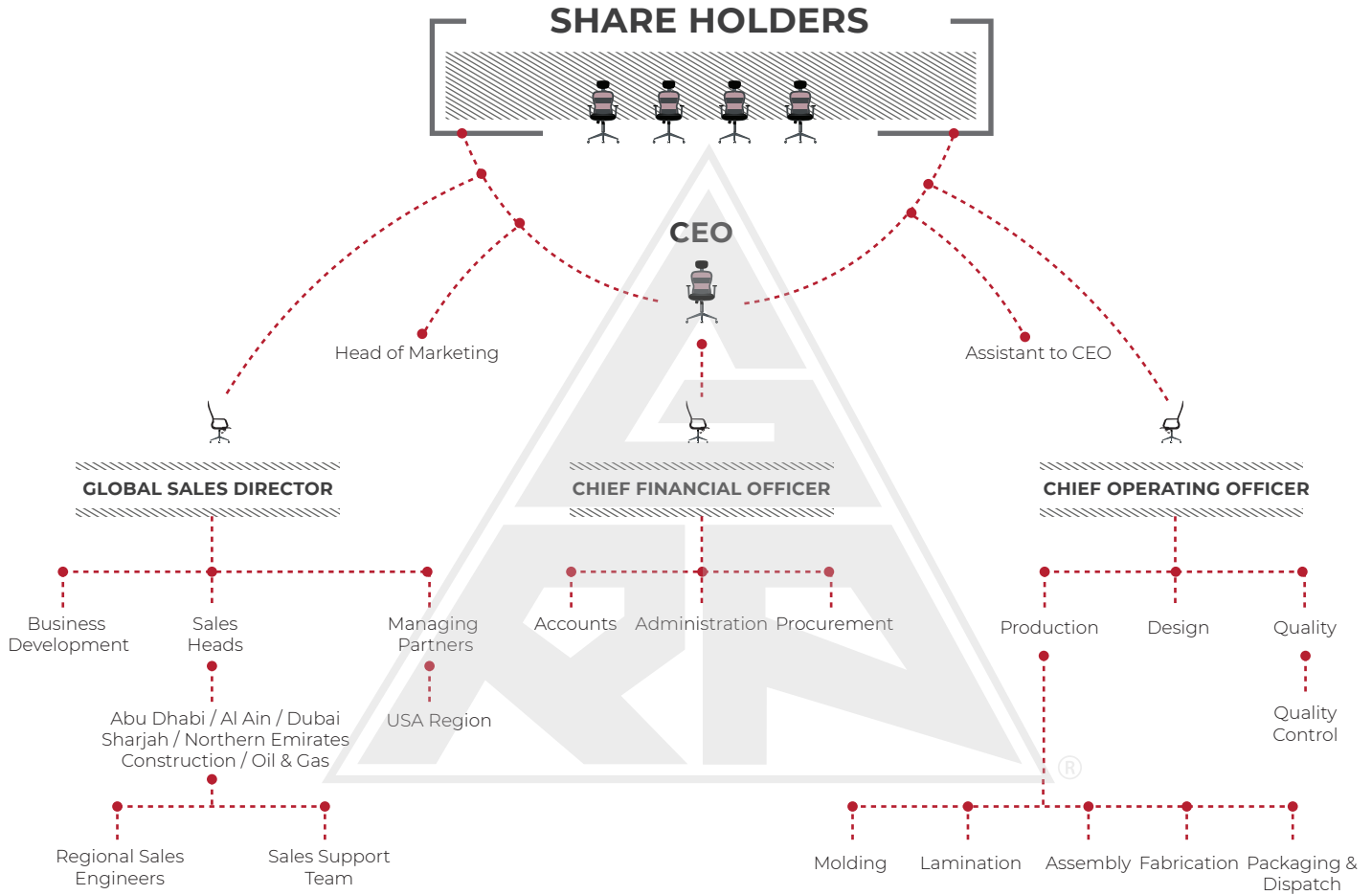


Innovation



Corporate Responsibility

Corporate Structure



Oman
Qatar
Saudi Arabia
Bahrain
Kuwait
India

GROUP OF COMPANIES

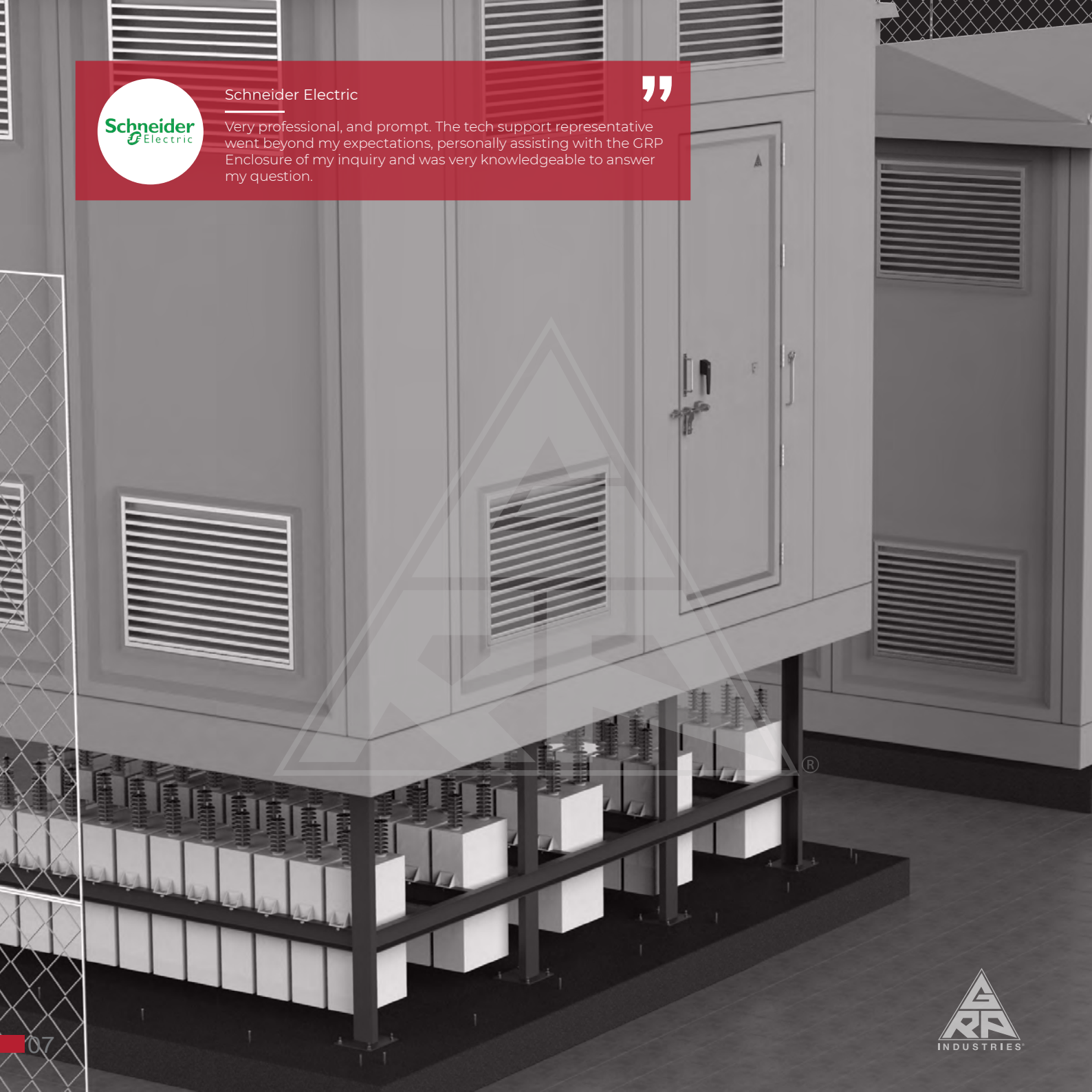
GRP Industries FZC	Giant Reinforced Polyester Industries LLC
Giant Industries FZC	Giant Reinforced Plastic Industries India LLC
Giant Reinforced Plastic Industries LLC	GRP Industries (USA), LLC



Schneider Electric



Very professional, and prompt. The tech support representative went beyond my expectations, personally assisting with the GRP Enclosure of my inquiry and was very knowledgeable to answer my question.



Our Unique Selling Proposition

COMMUNICATION



We place a high emphasis on training our sales and marketing team to respond to our clients with proposals, technical details, production progress updates, and delivery information within one business day because we know that our customer's time is valuable.

EXPERIENCED PROFESSIONALS



Our people are certified engineers and go through an in-house training program and continuing education via external training centers in their respective employment. In all of this, the most important element in the recruitment process is their "character". Our people are required to be cooperative, multitasking, efficient, friendly and be able to work in teams.

LONG TENURE



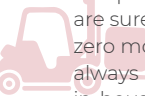
Our story began in 1989, and we have stayed true to our core competency of composites manufacturing for over 25 years. Today, our production team still consists of engineers and technicians that have been part of the team since inception which means that we are the experts with a lifetime's wealth of knowledge of manufacturing composite products.

GLOBALLY CERTIFIED



We are certified and follow ISO 9001, ISO 14001 and OHSAS 18001 as a part of our Integrated Management system. Our products are tested and certified to global standards by independent test labs in the United States and the United Kingdom.

PRODUCT RANGE



Our product line is so vast in size and specifications that we are sure to meet any client's requirement at demand with zero mold costs passed on. If that doesn't work, we can always manufacture any customized product with our in-house molding department.

GROWING INFRASTRUCTURE



GRP Industries has been collaborating and is the registered approved vendor with the power, water, sewerage, oil & gas and solar utility authorities in the Gulf region. Thus, our clients don't incur any issues in achieving approvals with our products.

GLOBAL SUPPLY



We have established the infrastructure catered to deliver our products across the world smoothly. Our global offices in the Gulf region and the United States cater to our principal markets, and our strategic partnerships with our Distributors provide on the ground support to our mid-level markets.

APPROVED VENDOR



The company's growing framework consists of three manufacturing facilities and corporate offices across the world, employing over 200 people. Also, there is a distribution network with local distributors in the MENA and Asia Pacific regions.

Manufacturing

PLANT CAPACITY

3 Manufacturing facilities
200 people workforce
75,000 Annual product throughput
150,000 Sq.ft. Plant Area

We do everything in-house. That means we control the quality process right from the design stage to packaging the final product; that includes our accessories which go into every one of them. The result is a solution that is truly GRP Industries.

CONTACT MOLDING

A pigmented gel coat is first sprayed onto the mold for a high-quality surface. When the gel coat has cured, glass reinforcing mat and woven roving are placed on the mold, and the catalyzed resin is poured, brushed or sprayed. Manual rolling then removes entrapped air, compacts the composite, and thoroughly wets the reinforcement with the resin. Reinforcements and accessories are affixed depending on the functionality of the final product. A catalyst or accelerator initiates curing in the resin system, which hardens the composite without external heat.

INJECTION MOLDING

A closed mold system technique that uses vacuum pressure to drive resin through a laminate. A pigmented gel coat is first sprayed onto the open mold for a high-quality surface. Glass reinforcing mat and woven roving is placed on the mold, and the catalyzed resin is poured. The mold is closed with a female mold, and vacuum pressure is applied to push the resin through the laminate and curing takes place; hardening the composite without external heat.

VACUUM INFUSION

VIP is a technique that uses vacuum pressure to drive resin into a laminate. Materials are laid dry into the mold, and the vacuum is applied before the resin is introduced. Once a complete vacuum is achieved, the resin is sucked into the laminate via carefully placed tubing.

CONTINUOUS SHEET LAMINATION

Fiberglass roving reinforcements are set on the shelves and passed on through the resin bank to get wet out after going through a series of guide rollers and bundling grid trays. Roving bundles go into a preformed mold which is set as the required profile of the product requirement. Then comes the die where reinforcement materials and resins get cured, pulled by the draft gear and finally cut into products with different lengths.

PULTRUSION PROCESS

A manufacturing process for producing continuous lengths of reinforced polymer structural shapes with constant cross-sections. Raw materials are a liquid resin mixture and flexible textile reinforcing fibers. The process involves pulling these raw materials (rather than pushing) through a heated steel forming die. As the reinforcements are saturated with the resin mixture and pulled through the die, the gelation, or hardening, of the resin is initiated by the heat from the die, and a rigid, cured profile is formed that takes the shape of the die.

MOLD MAKING

The process begins with pattern making, a skilled trade that incorporates elements of fine woodworking. Typical materials used for pattern making are wood, metal or plastics. A pattern is a replica of the final product that is manufactured. The model is used to prepare the mold which represents the cavity into which glass fibers and polyester resins are laid. Often, molds are repeatedly cast from themselves to produce male and female versions until the desired strength and finish is achieved.

METAL FABRICATION

Our metal fabrication department manufactures the many metal accessories such as hinges, locks, camshafts, mounting plates, etc. that go into every one of our products. Metal fabrication is a value added process including welding, cutting, forming, bending and machining; offering greater quality control by limiting the need to outsource services.



Reichhold

We are proud to be associated with GRP Industries Dubai, who have the state of art facility and a reputation for providing quality products and also demonstrate their continued commitment to providing a safe working atmosphere. We look forward to a long and mutually beneficial business relationship with GRP Industries.

Industries



Power Generation

GRP Industries collaborates with electrical contractors and switchgear assemblers across high, medium and low voltage classes to custom design enclosures that fit the right requirement. Our products are designed to provide ease in carrying out installations by our clients and reliably protect against the harsh outdoor climate of the Middle East over time.



Fire & Safety

Our Fire Cabinets are fire retardant and designed with the particular mounting arrangement of the stored equipment to allow easy access at a time of emergency. Also, our gel-coating process embeds red or any other safety colors into the external surface of the cabinet, contrary to spray painting, making our products resistant to color fading, UV stabilized, well marked and discernible.



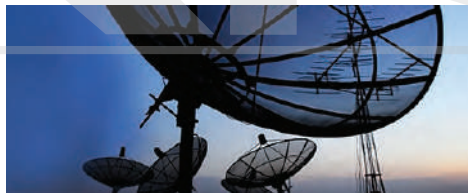
Water Treatment

Our metering enclosures are installed along supply pipelines and across the distribution network in commercial, industrial and residential zones. Our design requirements being weatherproof, secure meter mounting arrangement, security and lasting meter visibility.



Solar

Working alongside with solar integration companies by manufacturing battery enclosures that house the cabling and storage batteries; which are commonly lithium ion or lead acid batteries. Our design incorporates the critical factors of acid discharge drainage, battery accessibility, and ventilation to keep hydrogen gas from accumulating to dangerous levels. The ability to install the batteries and let them operate without maintenance is essential.



Telecom

We come into play by providing Enclosures and Boxes to protect the routers, circuits, and cables that bind networks to the telecommunication grids. We are the preferred vendor of Etisalat, the largest telecom operator in the U.A.E.



Oil & Gas

The remote locations and harsh weather conditions pose mandatory requirements for equipment protection without maintenance. We solve this problem with our composite products which are weatherproof and corrosion free. Ex: Our battery enclosures or kiosks protect off-grid power equipment, and our GRP gratings provide the corrosion free infrastructure on site.



Construction

Our participation in the construction industry relates to custom designing and manufacturing polyester products which are on the roofs of industrial warehouses and buildings. Our roofing system products offer translucency to allow passage of natural light; while having low thermal conductivity to maintain the temperature internally. The product range further diversifies across to ventilation and drainage applications.

Our Clients

WE'VE SERVED AS A PARTNER FOR
OVER 4,000 CUSTOMERS

Since 1989



History



Mr. Sudesh K. Aggarwal establishes the first manufacturing facility for polyester enclosures in the MENA region with GRP Industries, United Arab Emirates.



Introduced and designed Dubai Electricity & Water Authority specifications for GRP enclosures; becoming DEWA's first authorized vendor.



Became an approved vendor with Federal Electricity & Water Authority (FEWA) and Abu Dhabi Distribution Company (ADDC)



Began supply to Qatar General Electricity & Water Corporation "KAHRAMAA" in Doha, Qatar



Launched Oil & Gas product range with supply to Abu Dhabi Gas Industries Limited (GASCO)



Earned approved vendor status with Muscat Electricity Distribution Co. (MEDC) and Dhofar Power Company (DPC) in Oman



1989

1990

1994

1995

1999

2001

2004



Entered Bahrain market as an approved vendor to Aluminium Bahrain (ALBA) and Bahrain Petroleum Company (BAPCO)



Began supply as an approved vendor to Qatar Petroleum (QP) and Kuwait Oil Company



Won contracts to supply to Saudi Basic Industries Corporation (SABIC), Saudi Electricity (SEC) and Saudi Aramco



Mr. Suneel Aggarwal is appointed as the CEO of the GRP Industries group of companies



Launch of additional manufacturing facilities in Sharjah Airport International Free Zone in United Arab Emirates



Achieved Oil & Gas sector approvals with supply to Petroleum Development Oman (PDO) and Abu Dhabi Company for Onshore Oil Operations (ADCO)

2011

2010

2009

2008

2007

2004



Successfully executed contracts in Iraq and Turkmenistan



Executed Oil & Gas project in Iran



Established distribution network in Kuwait and Pakistan



Expansion into U.S.A with a corporate entity in Washington D.C. named GRP Industries (USA) LLC



GRP Industries celebrates 25 years in manufacturing with rebranding and new logo



Expansion into Oman with a corporate entity in Muscat named Giant Reinforced Polyester Industries LLC



Earned approved vendor status with Siemens USA



Completion of contract to supply GRP Kiosks to Dubai Expo 2020 project

2011

2012

2013

2014

2015

2016

2020

Major Projects



Dubai International
Airport



Burj Al Arab hotel



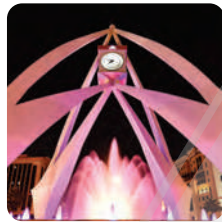
Al Maktoum
International Airport



Burj Khalifa Tower



Hamad International
Airport -Qatar



Clock Tower



Dubai Canal



Dubai World Trade
Center



Yas Marina Circuit



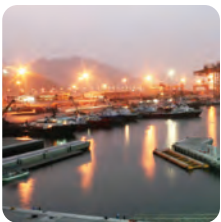
Dubai Expansion
Project (DUBAL)



South Yoloten
Gas Field



ADCO Bab
Habshan



Fujairah Port
Expansion



Itihad Rail



Petronas/Sabah
Ammonia Urea (SAMUR)



Ichthys Onshore
LNG Facility

Product Range



ENCLOSURES

Designed for protection with selective NEMA ratings and IP ratings certified to BS EN 60529. Manufactured with weatherproof materials with certified self extinguishing fire retardancy and anti-static external gelcoat finish. Product ranges from single door to multi door, metering cabinets, specialized enclosures for system integrations, and utility specific enclosures.



KIOSKS

Modular construction with the design flexibility to vary access doors, height, width and depth. Utilized in outdoor application of HV/LV and MV/LV distribution systems; the product ranges from substation kiosks, IP55 kiosks, shelters and capacitor banks kiosks. Manufactured in fire retardant grp material with corrosion resistant hardware.



BATTERY ENCLOSURES

Purpose-built for off-grid and battery backup systems in any size based on the number of batteries and their size. Manufactured for outdoor protection offering certified NEMA and IP ratings with fire retardant weatherproof grp material. Top-lid design with detachable or hinged option, along with options in ventilation, racking and acid drainage.



CUSTOM MANUFACTURED PRODUCTS

Capability to modify any product category in any color, shape or form with additional features; or design and manufacture new products from scratch. Dedicated design team equipped with 3D modeling and stress analysis tools works with our inhouse molding and metal fabrication department to manufacture client customizations.



MATERIAL ADVANTAGES



Lightweight



Strength



Corrosion Resistance



Durability



Design Flexibility



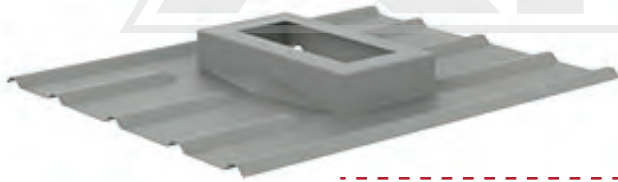
POLYSHADES

Product range includes instrument sunshades and enclosures designed to shield single or multiple instruments. Mechanical protection with certified impact resistance against falling objects and offering UV protection. Manufactured in weatherproof grp material with anti-static properties along with corrosion resistant hardware. Mounts to a standard 2" pipe stand or options with several types of mounting arrangement kits.



FIRE & SAFETY CABINETS

Designed to accommodate fire hose reels, extinguishers, fire fighting equipment and breaching inlet in UV resistant recognizable colors and labeling. Manufactured in UL certified fire retardant grp material with accessibility and viewing window options.



ROOFING SYSTEMS

Product range includes soaker panels, single or multi-skin skylight sheets, gutters, and downspouts. Designed to offer features such as sealing, passage of natural light with thermal insulation, and fluid drainage. Manufactured to match contractors' custom roof profiles in weatherproof grp material.

*Disclaimer: Products displayed are for illustrative purpose only. For complete product listing, please visit www.grpindustries.com



Voltamp Energy SAOG, Oman

”

VOLTAMP have been associated with GRP Industries for more than 20 Years and it's always been very smooth and reliable doing business with them. We have been delighted with the commitment their team has shown in understanding our business mission.



Product Certifications



IEC 60529

Ingress Protection Rating



BS 476 : Part 7

Fire Test to Building Materials and Structures



DIN 4102

Fire Behaviour Of Building Materials and Building Components



Underwriters Laboratories

UL - 94

Vertical Burning Test For Classifying Materials



Two Hours Fire Test

Performance of GRP Laminate on exposure to fire for a period of two hours



NEMA 250-4X

US Classification for outdoor suitability and corrosion protection



ASTM D4587

Accelerated UV-Condensation Weather Resistance Test



BS EN 62262:2002

Vandal Resistance Rating



IEC 60079-0

Anti Static Certification



ASTM B117

Salt Spray (or Salt Fog) Test



BS 2782-Part 10

Physical and Chemical Parameters



Lloyds Register

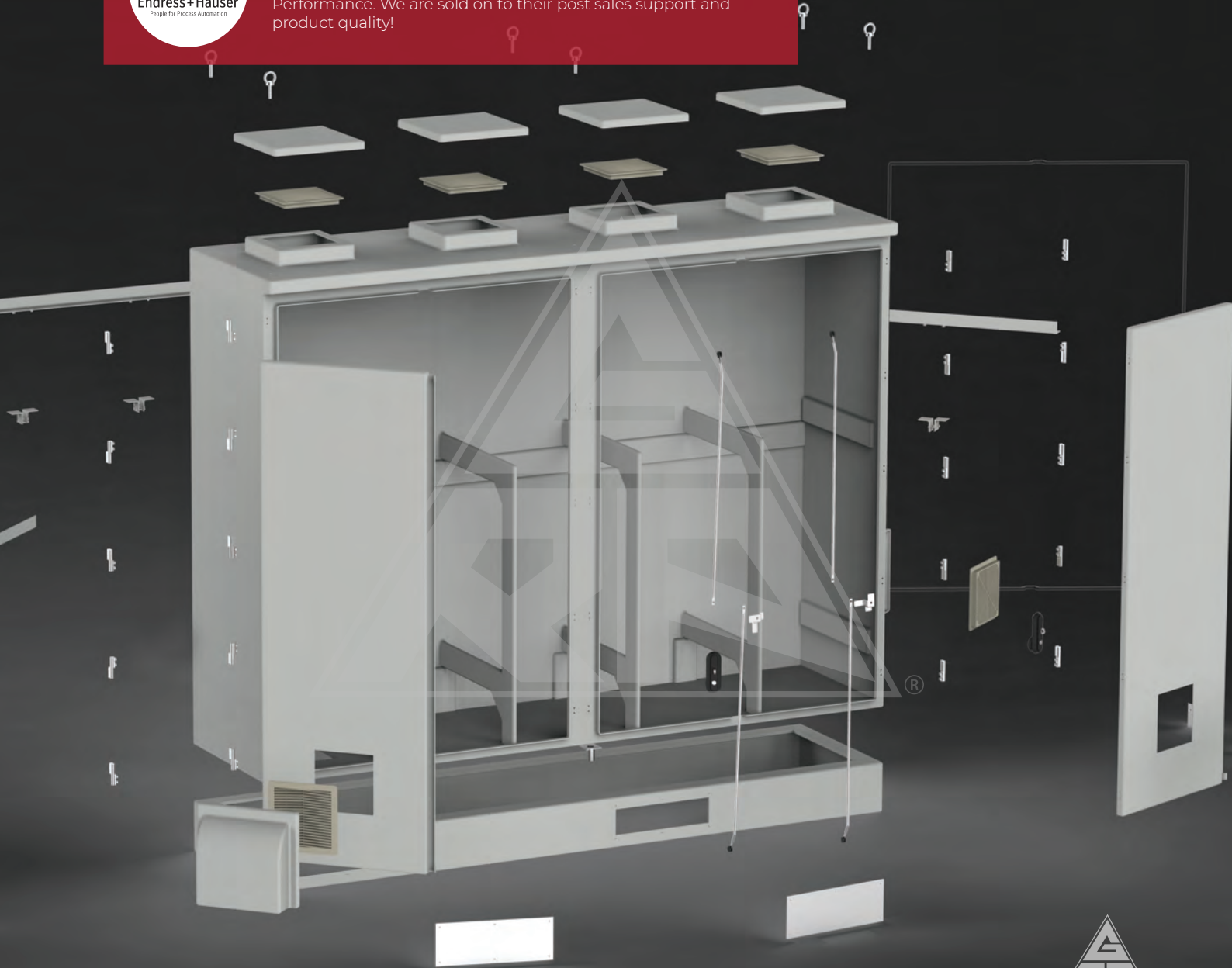
Certification for enclosures in marine, offshore and petrochemical installations



Endress + Hauser, United Arab Emirates



We are very happy with GRP Industries products for Value and Performance. We are sold on to their post sales support and product quality!

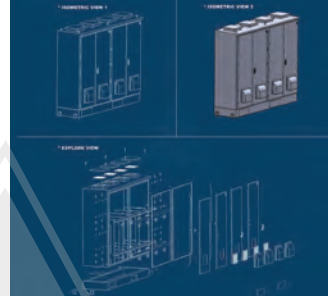


Standard Operating Procedures



RAW MATERIALS

Our laboratory housed with world-class equipment executes a program that covers chemical, mechanical and physical property testing. Any nonconformities are documented and evaluated by the QC and Plant Manager with feedback communicated to the supplier.



DESIGN

As a manufacturer of customized industrial products, our Design team plays a critical role. Standard and custom products are frequently modified with our numerous add-on accessories or remodeled to encapsulate our clients' equipment. Advanced software is used to design and render 3D models with analysis on critical factors such as stresses, sealing, and thermal & static conductivity.



IN-PROCESS INSPECTION

Across the several stages in our manufacturing process, key checkpoints have been identified at which surveyors examine and log data such as gel coat thickness, weight, mold cycles, and surface texture. The data is compared to set benchmarks at a decision point to allow the product to continue through the process flow or to be rerouted.



FINAL INSPECTION

The IP rating of our product is tested and verified as per international standards before final cleaning. The product then undergoes testing of its intended real-world application before moving forward to the packaging process, where a strong focus is placed on the process and materials to ensure secure delivery.

Integrated Management System



ISO 9001:2008
QUALITY MANAGEMENT SYSTEM



ISO 14001:2004
ENVIRONMENTAL MANAGEMENT SYSTEM

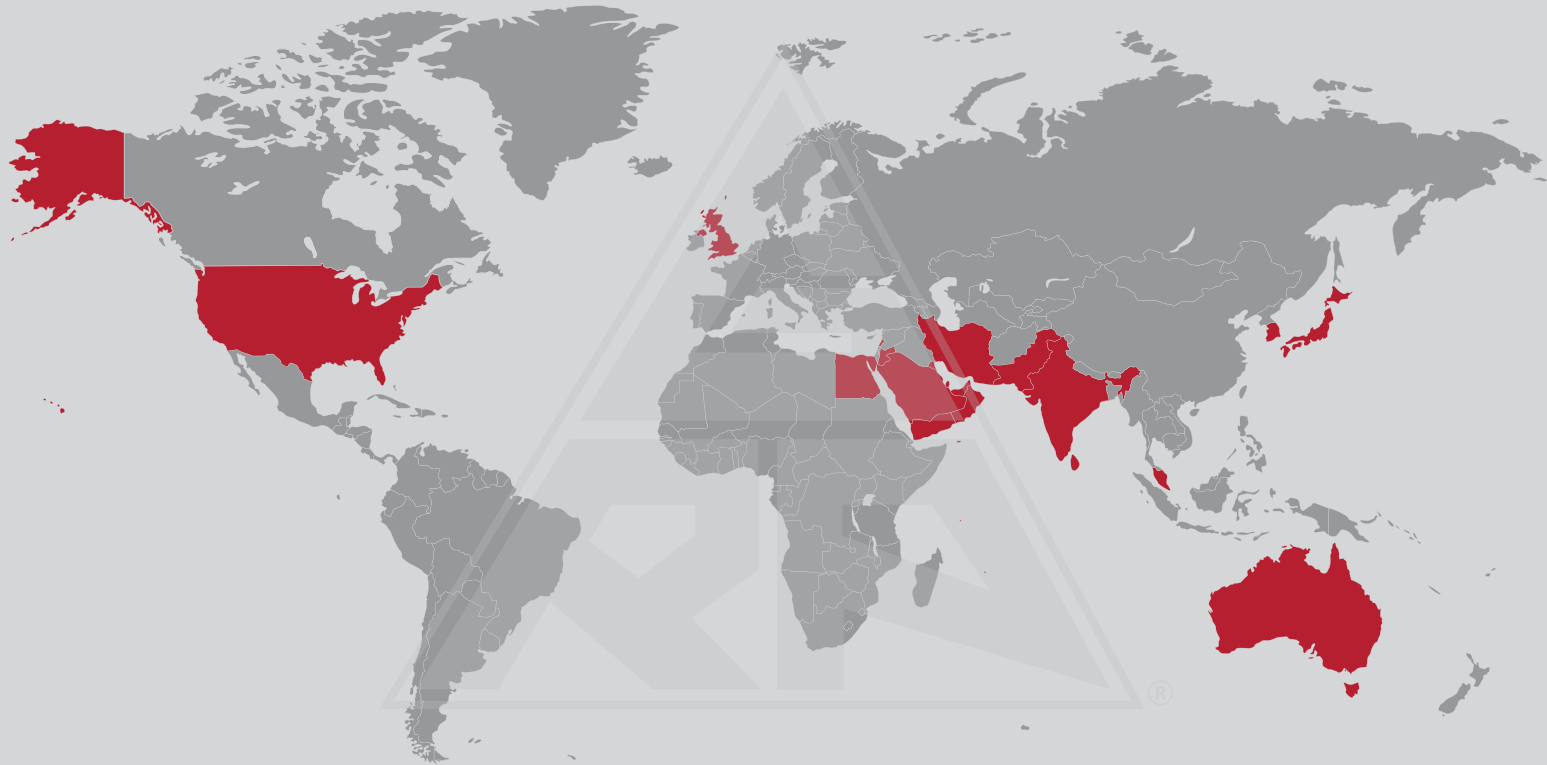


OSHAS 18001:2007
OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

Our Markets

Nothing motivates us more than seeing our products installed around the world protecting our customers' equipment for years on end. That's what drives us.

”



- UAE
- Oman
- Qatar
- Bahrain
- Kuwait
- Saudi Arabia
- Singapore
- Malaysia
- USA
- United Kingdom
- Mauritius
- India
- South Korea
- Japan
- Sri Lanka
- Lebanon
- Seychelles
- Iran
- Jordan
- Pakistan
- Australia
- Egypt

Locations

United Arab Emirates

GRP Industries FZC

D4-06, Sharjah Airport International
Free Zone, P.O. Box 9291
Sharjah, United Arab Emirates

+971 6 557 4841

+971 6 557 4842

Working Hours

Sat – Thurs, 8:00 am to 6:00 pm
Fri & public holidays, Closed

HQ

Giant Group

Office 503, AA1
Mazaya Business Avenue, P. O. Box: 393472
JLT, Dubai, United Arab Emirates

+971 4 421 4568

+971 4 228 5944

Working Hours

Sat – Thurs, 9:00 am to 6:00 pm
Fri & public holidays, Closed

Giant Reinforced Plastic Industries LLC

Industrial Area IV
(Opposite Rolex Garment Factory)
P.O. Box 6373, Sharjah, United Arab Emirates

+971 6 533 8512

+971 6 533 8519

Working Hours

Sat – Thurs, 8:00 am to 9:30 pm
Fri & public holidays, Closed

Giant Industries FZC

D4-04, Sharjah Airport International
Free Zone, P.O. Box 8786
Sharjah, United Arab Emirates

+971 6 557 4841

+971 6 557 4842

Working Hours

Sat – Thurs, 8:00 am to 9:30 pm
Fri & public holidays, Closed

Giant Reinforced Plastic Industries LLC

Kizad Free Zone,
Abu Dhabi, United Arab Emirates

+971 2 447 0202

+971 6 557 4842

Working Hours

Sat – Thurs, 8:00 am to 5:00 pm
Fri & public holidays, Closed

Oman

Giant Reinforced Polyester Industries LLC

2nd Floor, Tamimah Building, Al Nahdah Road
P.O. Box 395, PC 118, Muscat, Oman

+968 24 66 7668

+968 24 66 7788

Working Hours

Sat – Thurs, 8:00 am to 6:00 pm
Fri & public holidays, Closed

India

Giant Reinforced Plastic Industries India LLC

W-6/5 DLF City Phase-III,
Gurugram-122002, (Haryana), India

+91 124 4064659

+91 124 4065989

Working Hours

Mon – Sat, 09:00 am to 5:00 pm
Sun & public holidays, Closed

USA

GRP Industries (USA), LLC

8380 Greensboro Dr #822, McLean, VA 22102, United States

+1 202-352-6863

sanjiv@grpindustries.com

Working Hours

Mon – Fri, 10:00 am to 5:00 pm
Sat, Sun & public holidays, Closed

www.grpindustries.com

Giant Reinforced Plastic (GRP) Industries LLC

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