

INTRODUCTION

NAME OF COMPANY : GRP ENGINEERS & CONSULTANTS

REGISTERED OFFICE : SUITE # 227, LATIF CENTRE, FEROPUR
ROAD, LAHORE – 54000, PAKISTAN.

PHONE NO. : 92-42-7551102/7571050

FAX NO. : 92-42-7575073/5727065

EMAIL : grp@brain.net.pk

STATUS OF COMPANY : PROPRIETORSHIP

YEAR OF ESTABLISHMENT : 1980

NUMBER OF EMPLOYEES : OVER 30

SALES TAX REGISTRATION # : 03-92-9999-944-91

NATIONAL TAX NUMBER : 06 -07- 1637024

INTRODUCTION:

The GRP (Glass Reinforced Plastics) Engineers & Consultants was established as a partnership concern in 1979 to provide a broad range of Fibreglass Products, Raw materials, Machinery, Engineering & Design services to both the Public & Private Sector Industries. GRP came into production in March 1980. The status of the company was changed in 1984 whereby it became a sole Proprietorship Concern headed by Engr. Muhammad Javed Khalid.

Latter in 1992, GRP specialised in on-site services covering all aspects of turn key based projects and product development including design & engineering, mould and product development, erection & installation, trial run and commissioning. In 1994 GRP expanded its activities to imports and started rendering supply and services to CPI's for Fluid Flow Equipment like Pumps, Pipes & Fittings, Instruments, Valves, Flow meters, Flexible hose, Semi finished plastic products (Teflon, PPH, PVC etc.); Repair and Rebuilding Cold Weld Polymers for Metals. During the years Sole Distribution rights have been acquired for:

1. **Warren Rupp, Inc.**- U.S.A for SandPIPER Air Operated Double Diaphragm Pumps.
2. **Georg Fischer** - Switzerland for Quality Piping System in (PVDF, PPH, PVC-U, PVC-C, ABS, and PE).
3. **March Manufacturing Inc.**, USA for Sealless Magnetic Drive Pumps for Chemicals.
4. **Klaue Keiji Pumps**, China for Seal-less Magnetic Drive Pumps.
5. **Robuschi Spa.**, Italy for Vacuum Pumps.
6. **John Valve** , Taiwan for Stainless Steel Valves & fittings.
7. **Pulsafeeder Inc**, USA for Metering / Dosing Pumps.
8. **Creemers Compressors**- Holland for all kind of Compressors.
9. **HMD, GOULDS, SHOWFOU** for various pumps. & **3P JENSSEN** for Semi Finished Plastic Products.

The GRP Engineers & Consultants has assembled an excellent team of Chemical, Mechanical and Metallurgical engineers together with professional experts in Administrative & Financial affairs. This enables the company to undertake projects of diversified nature and magnitude in various sectors of the industry.

LOCATION

GRP's head office is located in Lahore. Over the years the company earned a good will and reputation among Private & Public Sector Organisations for having executed high quality work on large scale strictly within the frame work of agreed schedules. The scope of such services for which necessary expertise and professional experience is already available can be enlisted as:

- A. Designing, fabrication and installation of chemicals handling equipment on site like storage tanks, vessels, reactors, towers, scrubbers, mixers, screw conveyors, pipes, pipe fittings, fume collectors / extractors, ducts, blower fans, cooling tower stacks, fans, louvers, neutralising pits, troughs, floorings, pump bases, drip trays, mixing troughs, splash guards, filter plates, structural form, walk-ways, ladders, platforms, and pallets. All pipeline fittings are available with pipes.

- B. Designing and fabrication of miscellaneous equipment of diversified nature for all engineering disciplines according to customer's requirements.

These mainly includes:

- a) Laminar flow benches with HEPA Filters.
- b) Laminar flow laboratory work benches cum cabinets with or without ABSOLUTE Filters.
- c) Centri -Cleaners for paper & pulp industry.
- d) Modulator High frequency insulators.
- e) Instrument board panels and boxes.
- f) Aircraft propellers, radomes and wings.
- g) Marine products (Boats up to 27 ft.)
- h) Drinking water storage reservoirs.

LIST OF PRODUCTS FOR WHICH SERVICES ARE BEING OFFERED

A. PIPING SYSTEMS.

Pressure contact moulded pipe in standard 20' length in diameters from 2" to 54". Filament wound pipe in 20' lengths in diameters from 1" to 36". GRP pipes are suitable for handling a wide variety of chemicals at pressures up to 40 bars. Custom engineered systems for higher pressure and vacuum to meet specific design requirements can be managed with ease.

B. TANKS & PROCESS VESSELS.

Custom engineered tanks and process vessels fabricated by contact moulding process. Standard tanks are available in sizes from 0.5 M to 10 M in diameter ranging in capacities from 500 litres to +100 M³ in all configurations. Custom tanks or process vessels in special sizes and configurations with or without agitators and drives or for special services can be managed. Storage tanks for 100000 litre capacities have already been designed and developed for clients in Pakistan.

C. OTHER CHEMICAL RESISTANT PRODUCTS.

Scrubbers, fume hoods, blower fans up to 50,000 M³/HR, ducts, stacks, bins, silos, chutes, floorings, structural forms, walk ways, cooling towers, louvers, fan blades up to 28 ft., butterfly valve up to 4 ft, centri cleaners up to 700 ltr/min, chlorine headers & cell boxes, hoppers, agitators, baffles. Lining of new and old structures. Noise Abatement Kiosks.

D. PRODUCTS FOR CONSTRUCTION INDUSTRY.

Fibreglass Domes up to 20' diameter, pyramid type sky lights up to 10' x 10', GRP ticketing and security booths, kiosks, water tanks up to 100000 litres, amusement park facilities like Merry-go-round, Twin dragon, Astrojet, children slides, spa pools, patio planters, reliefs, murals, shutterings (exotic styles only): artificial falls, helmets (safety).

E. **MARINE PRODUCTS**

Power boats up to 27 ft lengths, paddle boats, rescue boats, assault boats, logistic & survey boats, floating chambers, life jackets, buoys, Out Board Motors.

F. **CHEMICAL RESISTANT FLOW EQUIPMENT**

PUMPS.

Industrial Pumps of all kinds including Centrifugal with mechanical seals, seal less in plastic as well as in SS 316; Air Operated Double Diaphragm Pumps, Electric Operated Double Diaphragm Pumps; Disc pumps; Screw and Progressive Cavity, Gear, Vane and Lobe type Positive displacement Pumps; Boiler Feed Water & Booster Pumps; Submersible, Sump, and Sludge Pumps; Barrel Pumps, Water Jetting Pumps, Chopper Pumps, and Vacuum Pumps. The companies exclusively represented by us in Pakistan are:

- Warren Rupp Inc., - USA
- Pulsafeeder Inc., - USA
- Godwin Pumps Limited - UK
- March Manufacturing Inc., - USA
- Discflo Corporation -USA
- HMD Seal/Less Pumps – England
- JAECO Pumps - USA
- Bran + Luebbe Pumps - England
- Show Fou Electric Machine Co. Ltd. - Taiwan
- Robuschi Spa. - Italy
- Savino Barbera - Italy
- Klause Keiji Pumps - China

VALVES.

316 SS Valves of all kinds, PVC-U Valves of all kinds, PVC-C Valves of all kinds, Motorised Valves for High pressure applications, Electric/Pneumatic Actuated Valves of all kinds in plastics and SS 304/316, Non Return/Check Valves in Plastic and SS 316/SS304/CS. Butterfly valves both Manual or Actuated ranging from 3" thru 60" with rubber, Teflon and ceramic linings. The companies exclusively represented by us in Pakistan are:

- Georg Fischer - Switzerland
- PCC Flow Technologies - Switzerland
- John Valves Mfg. Factory Co. Ltd., - Taiwan
- Shie Yu - Taiwan

PLASTIC PIPING

Quality Plastic Piping System from **Georg Fisher–Switzerland**. Products include flow equipment like Pipes, Pipes Fittings and Unions for solvent cement jointing, Adaptor Pipe Fittings, Adaptor Unions, Pipe Fittings threaded, Ball Valves, Ball Check (Non-Return) Valves, Diaphragm Valves, Butterfly Valves, Angle Seat Valves, Process Control Valves, Strainers and Screen Assemblies, Flanges, Seals, Installation Accessories, Accessories and special parts in PVC-U, PVC-C, PP, PE, ABS, & PVDF.

COLD WELDING MATERIALS

DIAMNANT'S Cold Welding materials for repair and rectification of Industrial equipment.

LIST OF MAJOR CLIENTS

- a. Adamjee Chemical Works, Nowshera.
- b. Adamjee Paper & Board Mills Nowshera.
- c. Dawood Hercules Chemicals Limited, Lahore.
- d. Packages Limited, Lahore.
- e. ICI Pakistan Limited, Lahore.
- f. Telephone Industries of Pakistan (Pvt.) Ltd., Haripur.
- g. Pakistan Cycle Industrial Co-operative Society, Lahore.
- h. Pakistan Engineering Company Limited, Lahore.
- i. Lackson Group of Companies (Century Paper & Board Mills), Bhaiphero.
- j. Lever Brothers (Pakistan) Limited, Rahim Yar Khan.
- k. Pakarab Fertilizer Limited, Multan.
- l. Engro Chemical Pakistan Limited, Dharaki.
- m. Fauji Fertilizer Limited, Sadiqabad.
- n. Pakistan Atomic Energy Commission.
- o. Services Pakistan Limited, Lahore.
- p. Clariant (Sandoz) Pakistan Limited.
- q. Lasmo Oils Pakistan Limited, Karachi.
- r. Descon Engineering Company, Lahore.
- s. Thermal Power Station, Guddu.
- t. Thermal Power Station, Muzaffargarh.
- u. Kot Addu Power Station, Kot Addu.
- v. Chempro Pakistan Limited, Karachi.
- w. Soorty Enterprises, Karachi.
- x. Pak Chromical Limited, Karachi.
- y. Pakistan PVC Limited, Karachi.
- z. Dyno Pakistan Limited, and many others.

LIST OF EMPLOYEES

PROJECT

SUPERVISORY STAFF

- | | | |
|----|---------------------|--------------------------|
| 1. | Mr. Shafqat Mahmood | B. Sc. Chemical Engineer |
| 2. | Mr. Abdul Hamid | B. Sc. Chemical Engineer |

SKILLED STAFF

- | | | |
|-----|-------------------------|--|
| 1. | Mr. Naseem Akhtar | Incharge Development & Mechanical Work |
| 2. | Mr. Muhammad Akbar | Foreman (Industrial Jobs) |
| 3. | Mr. Muhammad Mansha | Foreman (Civil Jobs) |
| 4. | Mr. Muhammad Mushtaq | Asstt. Foreman (Consumer Goods) |
| 5. | Mr. Muhammad Sawar | Asstt. Foreman (Industrial Goods) |
| 6. | Mr. Muhammad Anwar | Laminator |
| 7. | Mr. Muhammad Sher Ali | Laminator |
| 8. | Mr. Maqsood Ahmed | Electrician |
| 9. | Mr. Mr. Muhammad Anwar | Carpenter |
| 10. | Mr. Muhammad Anwar - II | Laminator |
| 11. | Mr. Amir Ali | Laminator |
| 12. | Mr. Muhammad Munir | Laminator |
| 13. | Mr. Muhammad Rafiq | Trimmer |

UNSKILLED STAFF

- | | | |
|-----|----------------|----------|
| 14. | Muhammad Ashiq | Helper |
| 15. | Muhammad Javed | Helper |
| 16. | Abid Ali | Helper |
| 17. | Sultan Haider | Helper |
| 18. | Qasim Khan | Helper |
| 19. | Abdul Rashid | Helper |
| 20. | Abdul Ghani | Sweeper |
| 21. | Mehr din | Watchman |

SALES STAFF

1. Mr. Muhammad Feroze Khan Sales Engineer (Departmental & Govt. Sales)
2. Mr. Aamir Adeel Sales Engineer (Industrial)
3. Mr. Abdul Hameed Sales Engineers
4. Mr. Kashif Ali Instrument Engineer
5. Mr. Atif Ali Sales Engineer
6. Mr. Afzal Fazeel Sales Officer
7. Mr. Atif Mahmood Sales Officer
8. Miss Wajeeha Rasheed Assistant Sales

OFFICE STAFF

1. Mr. Muhammad Saeed. Office Manager
2. Mr. Mian Farooq Ahmad Manager Customer Services
3. Mr. Muhammad Shahid Sr. Purchase Officer
4. Mr. Salman Hamid Manager Co-ordination
5. Mr. Muhammad Ijaz Accounts Officer
6. Miss Farah Manzoor Office Assistant
7. Miss Syeda Sidra Saleem Computer Operator
8. Miss Elizabeth Josef Filing Officer

WORKSHOP EQUIPMENT & TOOLS

1.	Filament Winding Machine (Complete).	1 No.
2.	5-H.P. Winch Machine	1 No.
3.	Lath Machine.	2 Nos.
4.	Compressors & Spray Guns	2 Nos.
5.	Motorised Mixer.	1 No.
6.	Pipe Bending Machine.	1 No.
7.	Hand Mixers with varying sizes mixer blades.	2 Nos.
8.	Electric Grinders 7" disc.	1 No.
9.	Electric Grinders 4" disc.	1 No.
10.	Bench Grinding Machine.	1 No.
11.	Electric Drill Machine.	2 Nos.
12.	Bench Drill Machine	2 Nos.
13.	Polisher & Buffer.	1 No.
14.	Electric Jig Saw.	2 Nos.
15.	Bench Cutter with one H.P. Motor.	1 No.
16.	Diamond Trimmer	1No.
17.	Paddle Rollers (All Sizes)	Bulk
18.	Washer Rollers (All Sizes)	Bulk
19.	Lamination Brushes (All Sizes)	Bulk
20.	Weighing Machine	2 Nos.
21.	Workshop Tools.	Misc.
22.	Hole Saw Kit	2 Sets.
23.	Diesel Generator	1 Set
24.	Petrol Generator	1 Set

DETAIL OF PRODUCTION MOULDS & DIES

1. Mandrils for Pipes & Ducts (1" Thru 36").
2. Mould for Pipeline Flanges (1" to 24" Dia)
3. Mould for Bends 90°.
4. Mould for Reducers.
5. Mould for Eccentric Reducer.
6. Mould for Industrial Blower fans.
7. Mould for Fume Extractors.
8. Mould for Conical Bottom Tanks.
9. Mould for Paddle Boat.
10. Mould for 19' General Purpose Boat.
11. Mould for 16' - Survey Boat.
12. Mould for 10,000 gallon to 25000 gallons Tank.
(including Base, Cover & Shell Segment).
13. Mould for 500 gallon Tank.
14. Mould for 260 gallon Tank.
15. Mould for 200 gallon Tank.
16. Mould for 30 gallon Tank.
17. Mould for 3 gallon Tank.
18. Mould for Shuttering.
19. Mould for Benches.
20. Mould for Tank Cover.
21. Mould for Sky -Light.
22. Mould for Cladding.
23. Mould for VOLVO Bus Body Parts.
(Front Dome, Rear Dome, Front end corner panel, rear corner panel lower,
Number plate, Fuel Filler cowl, Roof vent interior Finisher Roof ventilator).
24. Mould for 125 W Street Light.
25. Mould for 40w Industrial Tube Light.

LIST OF ORDERS EXECUTED

ENGRO CHEMICAL PAKISTAN LTD. DHARKI SUKKUR.

Supply and installation of Cooling Tower
Fibreglass Headers – 36 “ dia.
Repair and renovation of Cooling Tower Stacks,
Fan Blades and Fills.

Supply and installation of GRP Effluent Pipeline
with reducers and flanges on turnkey basis.

Lining of Alum dilution and Storage Tanks & Mixers.

PAKISTAN INSTITUTE OF SCIENCE AND TECHNOLOGY, ISLAMABAD.

Supply and Installation of Fibreglass Tanks
for Chemical Storage.
Chemical Transfer Pumps. Fibreglass Flanged Pipes.

LEVER BROTHERS, RAHIM YAR KHAN.

Supply & installation of complete
HCL Handling System.
Lining of Lye, Brine and HCl Tanks.
Noodle Storage Soils with accessories.
Noodle Bins with Eccentric Conical Bottoms.
Supply of Chemical Pumps, AODD Pumps,
Dosing Pumps, Valves and alike products.

ITTEHAD CHEMICAL LTD., KALA SHAH KAKU, SHEIKHUPURA.

Fibreglass Pipes and Fittings.
Fibreglass Splash Guards for HCl.
Fibreglass Tank for Brine Solution.

TELEPHONE INDUSTRIES OF PAKISTAN, HARIPUR HAZARA.

Fibreglass Pipes - 460 mm & 350 mm dia.
Fibreglass Fume Exhaust Fan Blowers-4000 M³/Hr.
Fume Ducts 1M x 1M section.
Fibreglass Electro Plating Tanks for Metal Finishing.
Storage Tanks for Chemical Storage.
Supply of Plastic Products.

ICI - LAHORE. (PAINTEX, POLYESTER & SODA ASH)

Fibreglass Louvers.
Storage and transfer piping for HCl.
Fibreglass lining of sumps, pits, and collection tanks of effluent treatment plant.
Noise Abatement Kiosk. Raw Material Handling Pallets.
Cooling Tower Fan Blades. Repair & Renovation of Kuken's Cooling Towers.

PAKISTAN ATOMIC ENERGY COMMISSION, ISLAMABAD.

Fibreglass Tanks with accessories for HNO₃. Fibreglass Safety Scrubber Tanks.
GF Piping and fittings; AODD Pumps; Instruments; SS Valves; Flexible SS Pipes, Rubber Hoses.

CHEMPRO PAKISTAN LIMITED.

Fibreglass Tanks with accessories for Hydrobromic Acid, Acetic Acid, Co-Mn Acetate; Scrubbers for Hydrobromic Acid, Reaction Vessels for Dry Ash. Lining for Pits and Drains.

THERMAL POWER STATION – GUDDU.

GRP's Polymer Flooring. Piping for HCl.

CLARIANT PAKISTAN LIMITED- JAMSHORO.

Scrubbers, Blowers, Ducts, Tanks, Pumps, and Flooring

CENTURY PAPER & BOARD MILLS – LAHORE

Hypo Storage Tanks, Hypo Reactors, Wet Chlorine Pipes & Fittings.
Chlorine Line Mixers. Bleaching Plant Pipelines (18"Ø).
Repair & Insulation of Digester, SandPIPER A.O.D.D Pumps & Spares; GF Variable Area Flow Meters; Valves.

NISHAT DYEING & FINISHING – LAHORE

Supply & installation of Fibreglass Hoods; Fibreglass Louvers; Fibreglass Roof Curbs; Fibreglass Channels etc. Blower Fans, Sump Pumps, Sewerage Pumps

SOME OF OUR CLIENTS CONTACT NOS. ARE AS UNDER:

S.#	Client	Contact	Telephone #	Fax #
01	ICI Polyester	Mr. Shahid Ali Malik (Engg. Manager)	042-6303801-5	042-6303897
02	Lever Brothers R.Y Khan	Mr. Shahab Muhammad Ali (FE)	0731-70846	0731-77516
03	Century Paper & Board Mills	Mr. Javed Iqbal GM (Pulp Mill)	04943-510061-2	04943-510063
04	Premier Paper Mills	Mr. Malik Muhammad Hanif GM (Production)	04931-6812 04931-6495	04931-612702
05	TPS Guddu	Mr. Jan Muhammad Director Technical	071-613687	071-612837
06	Chempro Pakistan Limited	Mr. Irfan Habib GM (Production)	021-5050003	021-5050002
07	Clariant Pakistan Limited	Mr. Mazhar Hussain	0221-877627-28	0221-877635
08	Engro Chemicals	Mr. Syed Ali	021-551060-9	
09	Pakistan Cycle Ind. Co-operative Society	Mr. Muhammad Munir Ch.	042-7920101-5	042-7235143
10	TIP Haripur	Mr. Shoeb-ur-Rehman	0995-610489	0995-611392
11	Pakistan Atomic Energy Commission D.G. Khan		0641-463383	0641-463884
12	Nishat Dyeing & Finishing	Mr. Amjad Hameed Project Manager	042-5273748	042-5273744