

# PAKBAZ ENGINEERING

**PAKBAZ**  
**ENGINEERING**  
COMMITTED TEAM, TO DELIVER BEST



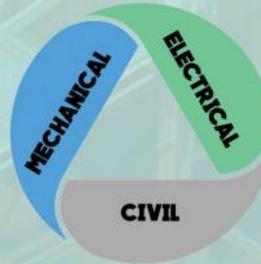
COMPANY PROFILE

# Company Overview

PAKBAZ Engineering is a young company that inherits a wide spectrum of knowledge from the rich experience and successful track record of its management team. About two decades of exposure to diversified projects of local as well as multinational organizations for almost all known sectors of industry like oil and gas, chemical, petrochemical, power, fertilizer, cement, textile, food, pharmaceutical, home appliances and infrastructure is the real strength to deliver cost effective economical projects. We recognize the importance of intellectual property & believe in "TEAM WORK". TOGETHER WE GROW is spirit of every Individual of our organization for collective mission. PAKBAZ Engineering aims to have the highest standards of business ethics, environmental sustainability, labor relations, fair-trade practices and transparency. This is essential to deliver & success. We look forward to build an organization that delivers excellent results and value to Our Customers.

## Our Values

- Trust
- Transparency
- Honesty
- Integrity
- Courage
- Respect and dignity
- Prosperity for stakeholders



## Business Areas

- Power Generation
- Chemical & Process
- Food & Beverages
- Pharmaceuticals
- Textiles
- Oil & Gas
- Services & Commercial
- Warehousing
- Automobile &
- General Industries

## Javed Iqbal

(Head Operation)

Graduated as Mechanical Engineer from Mehran University of Engineering and Technology, in 2000, Javed started his career in reputed "Mechanical Engineering Works".

Being familiarized with basic fabrication techniques of Boilers, Pressure Vessels, Heat Exchanger, Reactors, Autoclaves, Tanks, Storage Solutions, Hygienic Grade Utensils, Piping, Steel Structure & Engineering code Literacy served in South Region.

He has experience of co-generation & combine cycled plants.

As an employee he brought up the organization from routine jobs to multitask projects



## Majid Afzal Arain

(Director)

Graduated as Civil Engineer from NED University of Engineering and Technology, in 2000. Majid started his career as Junior design Engineer in a reputed structural consultant firm.

2002 was the year of introducing world renowned

Pre Engineered Building steel structure system in south Pakistan, he has the honour of being the pioneer in doing so.

He served the industry for many years and completed mega projects. 2016 onwards, along with steel buildings, served the civil construction industry and completed small, medium and large projects. After 19 years of experience, besides management and execution, time is to start taking financial responsibility of the projects.



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## QUALITY ASSURANCE & QUALITY CONTROL

Today's Era is well Quality Conscious & Sustainability of Organizations is in adherence to Stringent Quality Policies.

PAKBAZ recognizes the importance of Quality Assurance and Quality Control at all levels within the organization. This is reflected in the Products & Services offered by us.

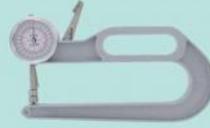
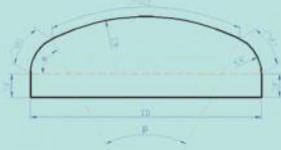
Quality Management System is governed by internationally accepted ISO 9001:2000 Standard.

The preposition are

Quality Policy

Procedures &

Work Instructions



## OUR EXPERTISES - MECHANICAL

Boilers and waste heat recovery solutions

Plant installation / Equipment erection

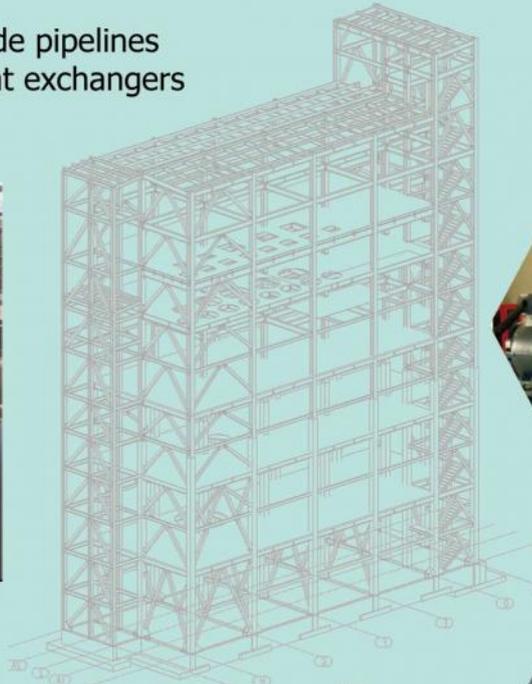
Steel Structures

High pressure and food grade pipelines

Repair of shell and tube heat exchangers

Customize fabrications

Fire fighting



## SUPPLIES & SERVICES

Supply of ;

Steam Boilers : Fuel (Gas, Diesel, HFO, Coal, Waste heat etc)

Thermal Oil Heaters,

Waste heat recovery solutions (Steam, Hot water)

Pressure Vessels (Steam, Air, Nitrogen, LPG, Hydrogen etc)

Process Vessels (Pharma, Dairy, Chemical etc)

Storage Tanks

Silos (Milk, Grain etc)

Hoppers & Ducts

**Installation of ;**

Power house (Gas turbines, Steam turbines, Engines)

Boilers and accessories

Utility equipments, Compressors, Cooling tower, Chillers, Pumps, etc

Process machinery

Columns, Heat exchangers, Condensers

Rotary and stationary machines

Pre-fab. steel structures

AHU, ducts and complete HVAC system

Process, utilities, and special services pipelines

Food grade pipelines



## OUR EXPERTISES - CIVIL

Steel building  
Conventional Truss System  
PEB  
Parking Sheds  
Industrial, Commercial & Housing Civil Construction  
Equipment Foundation / Footing  
Security Fencing



## OUR EXPERTISES - ELECTRICAL

Machine Installation  
Gas Turbines  
Generators  
Chillers  
Fire Skids  
Pump Station  
Cable Trays / Ladder etc.  
Termination  
Panel Buildings



## OUR EXPERTISES - TURN AROUND & MAINTENANCE

Tubes Repair / Replacement  
Heat Exchanger  
Boilers  
Condenser  
Worn Parts / Casing Replacement  
Surface Preparation  
Sand Blasting  
Painting  
Insulation & Cladding  
Refractory  
Pipeline Internal Cleaning & Coating  
Retro-fitting





## RECENTLY COMPLETED PROJECTS

Replacement of Air Intake House Roof Top with SS304 Plates for Gas Turbine # 4  
 Replacement of Air Intake House Fixed Frame with SS304 Frames for Gas Turbine # 4  
 Replacement of Air Intake House Fixed Frame with SS304 Frames for Gas Turbine # 3  
 Repair of HRSG 1 Expansion Bellows for Gas Turbine # 3 & Gas Turbine # 4  
 Repair of HRSG 1 Insulation & Cladding from Bottom  
 Repair / Replacement of Worn Parts of DN 1,200 Main Cooling Water Circuit Pipeline for Condenser  
 Dismantling, Cleaning & Painting & Re-Installation of MCW Lines for Circuit # 1  
 Dismantling, Cleaning & Painting & Re-Installation of CCW Lines

Duration 06 Days

Winter Outage - 2019

**K-Electric 248MW KPC, Ibrahim Hyderi**



Supply & Installation of Utilities Piping with Fittings & Valves

Compressed Air Circuit SS304: 450M

Hot & Chilled Water Circuit SS316L 600M

Normal Water Circuit SS316L 250M

Natural Gas Pipeline Infra-Structure 300M

Supply & Installation of Flow meters with data log system

Compressed Air (Thermal Mass) 04 Nos

Natural Gas (Vortex Type) 02 Nos

Supply & Installation of Skid based Booster Pumps with Auto Control System

Hot Water Circuit 01 No

Chill Water Circuit 01 No

Duration: 04 Month 2018-19

Line 8 Project

**English Biscuit Manufacturers (Pvt.) Ltd**



Supply & Installation of Steel Structure Frames with Platforms

02 x AHU, 10,000 KGS Each

01 x Cooling Tower, 6,500 KGS Each

Duration: 02 Month 2018-19

Line 8 Project

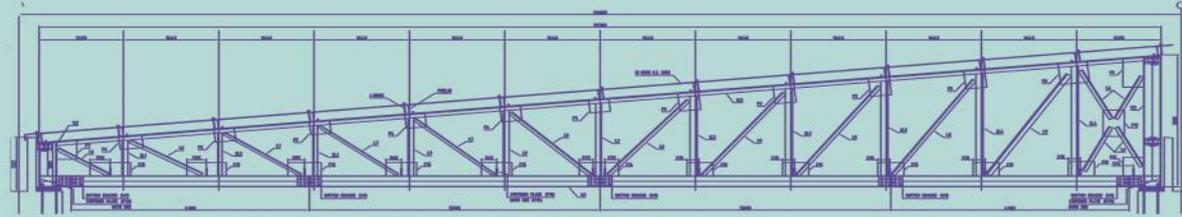
**English Biscuit Manufacturers (Pvt.) Ltd**



Fabrication & Erection of Steel Structure Roof Trusses along with secondary framing, Bracing beams, Sag rods, Roof sheeting and allied accessories. Structure is designed to carry vehicles on conveyer, HVAC and MEP supported from Truss.

Truss span; 30 and 20 M, having self weight of 5.3 MT and 3.2 MT respectively.  
 Total covered Area: 56,700 Sq M (610,373 Sq ft)  
 Total structural Weight: 3,558 MTon  
 Duration: 08 Month 2018-19

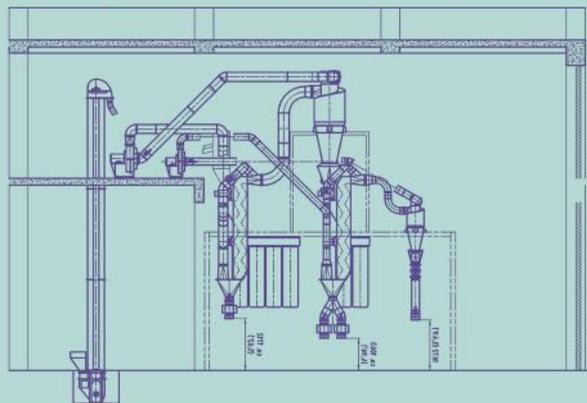
**Banu Mukhtar @ KIA LUCKY Motors Port Qasim Karachi**



RCC Foundations for Steel Structure Platform  
 Supply & Installation of 03 Level Steel Structure Platforms with Stairs & SS Railing  
 Construction of Blower Room (Masonry & Gypsum Wall)  
 Supply & Fixing of Aluminum Doors & Windows  
 Supply & Fixing of Industrial Floor Tiles. Painting of Walls & Roofs  
 Installation of Machines, Cyclones, Blowers, Rotary Valves Chutes & Ducts

Duration 45 Days  
 ZZ Classifier Project

**National Foods Limited Port Qasim**



**Orient Energy System @ Times Ceramics**

Fabrication & Erection of 1x500 Tons, 2x60 Tons, 1x5 Tons, HFO & 3KL Diesel Storage Tanks **2018-19**

**National Foods Limited Nooriabad Plant**

Erection of Salt Plant Machinery Grinding Mills, Washer Classifier, Fluid Bed Dryer, Hot Air System, Bucket Elevators, Screw Conveyors, Product Silos, MCC Panels, Power & Control System, Utilities Piping **2018-19**

**Dawlance Private Limited**

Utilities Pipeline for WM Project  
 Cooling water Piping 6" x 1,200Rft  
 Compressed Air Piping 6" x 4,700 Rft **2017-18**

**Feroze 1888 (Pvt.) Ltd. S-81 Nothern Bypass**

Fabrication & Erection 2x10KL, 1x16KL, 1x25KL HFO & Diesel Storage Tanks  
 Tank Farm Piping (Supply + Decanting)  
 Steam & Utilities Piping **2017-18**

**Dynea Pakistan Limited Gadoon Plant, KPK**

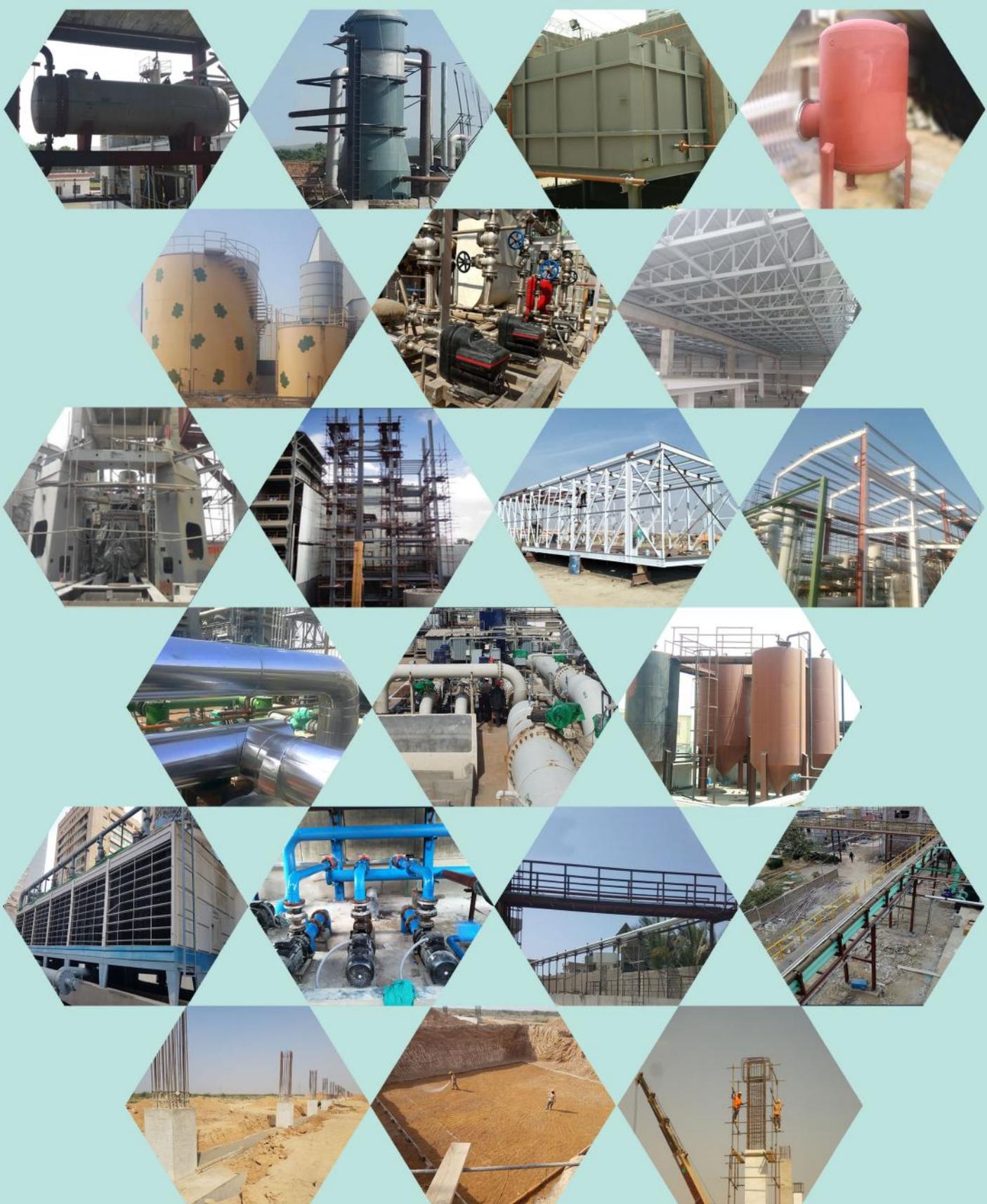
2x125 KL Cap. SS304L Tanks for Formaldehyde Erection of Process Equipment (Kettle + condenser) Steel Structure Building for Resin & Tail Gas Pipe Bridge 350 M, Elev. 5M  
 Process & Utilities Piping 4,500 Ø" **2017-18**

**Feroze 1888 (Pvt.) Ltd. S-81 Location**

Installation of 02 x15 TPH @ 1.2 Mpa, Coil Fired Boilers  
 Complete Steam & Water Piping  
 Local Parts, Ducts, Chimney  
 FW Structure etc. **2016-17**



We determined to set the highest standards in our business, meeting our customers' requirement and strive for continual improvement adhering to environment and well-being of our futre generations.



# PAKBAZ ENGINEERING

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