

## **ALBAJ GROUP OF COMPANIES**

PROCESS EQUIPMENT & PROCESS PLANT SPECIALISTS SINCE 1976 IN PUNE, INDIA



http://albaj.com/















#### **ALBAJ GROUP'S BUSINESS IN A GLANCE:**

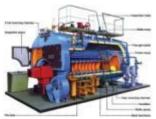


ALBAJ Group is a multi-agency approved & recognized heavy-fabrication specialist since 1976, addressing several direct & indirect applications in Process Industries & Manufacturing Facilities: Tanks, Coded Pressure Vessels, De-aerators, Heat Exchangers, Boilers, Piping Spools, Skidmounted Packages, Coolant & Lubricant Re-circulation Systems & similar relevant customized equipment for Oil & Gas, Petro-chemicals, Pharmaceuticals & Cosmetics, Paints & Chemicals, Food & Beverage (Milk, Sugar, Edible Oil), Combined Heat & Power (CHP) for IPPs & CPPs, Cement, Fertilizers & Agro-chemicals, Pulp & Paper, Textiles & Non-woven, Static- & Rotating-equipment, Rubber & Film, Metals & Alloys, to name a few.

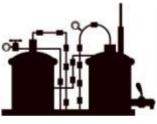
#### **PRODUCT BUSINESS**

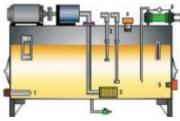
(Equipment design, manufacturing & in-plant system integration)

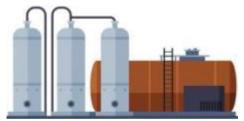


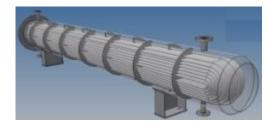


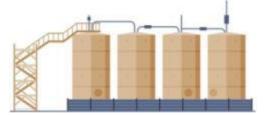
















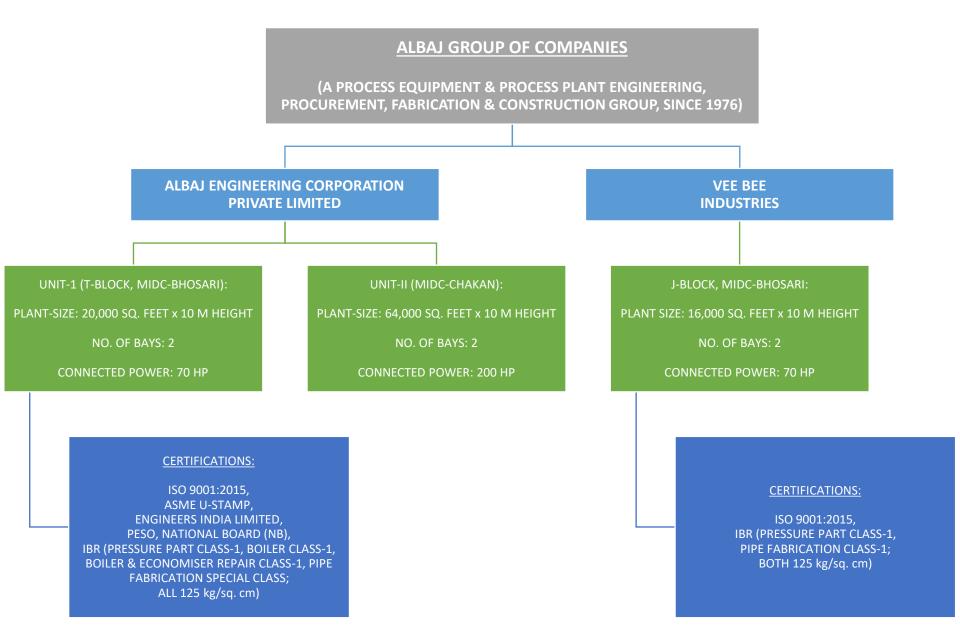
# PROJECT BUSINESS (Turnkey EPC solutions & site work)





#### **ORGANIZATIONAL STRUCTURE:**





### **ALBAJ ENGINEERING CORPORATION'S NEW UNIT-II IN MIDC-CHAKAN:**

[EXPECTED START-UP: BY MID JAN-2022]



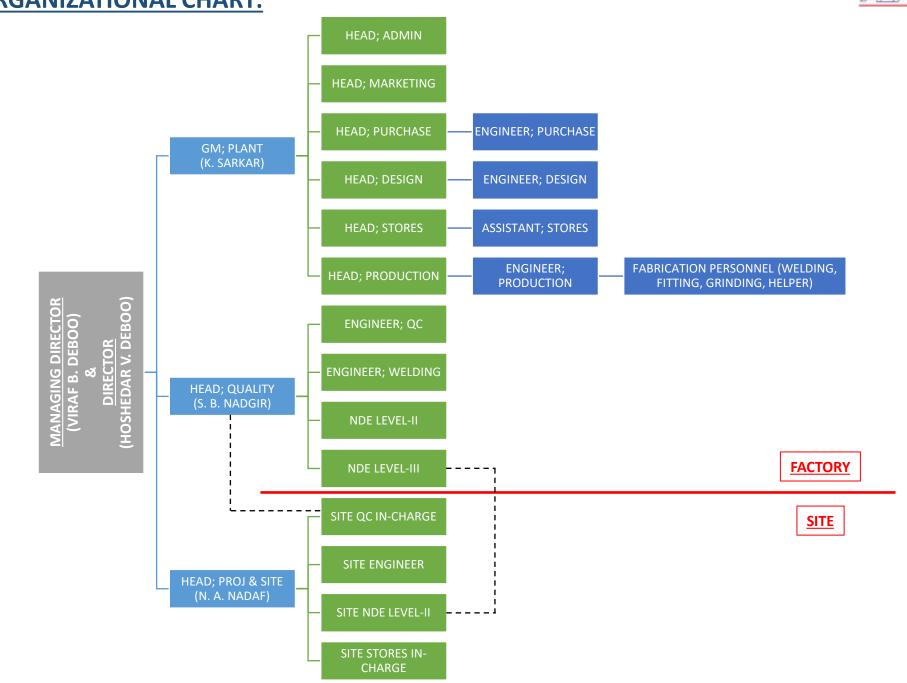






#### **ORGANIZATIONAL CHART:**





#### **APPLICATIONS ADDRESSED & INDUSTRIES SERVED:**



#### Our products & solutions find their way into (Including, but not limited to):

- Oil & Gas Exploration & Production Facilities On-shore, Off-shore, FPSO Installations
- LNG Tankers & Terminals / Natural Gas Compression & Pumping Stations
- Crude-oil Refineries & Petro-chemical Complexes
- Combined Heat & Power (CHP) Generation Plants for IPPs & CPPs (Conventional, renewable, hybrid)
- Natural Resources Extraction Facilities (Ferrous & Non-ferrous Ores)
- Continuous-process & Batch-process Manufacturing Facilities (Primary & Auxiliary Systems):
  - Industrial & Medical Gases
  - o Paints; Chemicals & Plastics; Lubricants
  - Metals & Alloys; Cables & Wire Ropes
  - o Rubber & Film; Fibre & Yarn; Textiles & Non-woven; Ropes
  - Pulp & Paper; Forest Products
  - o Semi-conductors; Silica & Glass
  - o Cement; Fertilizers & Agro-chemicals
  - Pharmaceuticals & Cosmetics; Food & Beverage
- Auxiliary Systems required to construct & assemble Heavy Industrial Machinery (Fixed, Within-plant Portable & Mobile):
  - o Filtration & Re-circulation Systems for: Hydraulic-oil; Coolant; Metal-cutting Lubricant; Other Liquid Media
- Transportation Systems (Primary & Support Systems):
  - o Railway (Locomotives & Coaches; Mobile Machinery)
  - Marine (Ports; Vessels; Floating Machinery)
  - Mobile & Portable: Machinery, Storage & Transfer Equipment

#### Most common Process Applications that we address in the above-mentioned Industries (Including, but not limited to):

- Bulk Heating, Storage & Transfer / Heat Exchange & Transfer
- Phase Separation
- · Water & Effluent Treatment
- · Handling & Exhaust of Toxic Gases
- Pipe-routing for supply of:
  - o Industrial Utilities (Steam, Water, Compressed Air & Industrial Gases, Fuels) & Fire Hydrant
  - o Fresh Ambient Air in Commercial, Industrial, Public & Medical Facilities; Medical Gases in Hospitals

#### **OUR CLIENTELE ACROSS THE INDUSTRY LAND-SCAPE\*:**



#### **END-USERS:**

[Examples: PepsiCo, Amul, Arvind Mills, Novartis, Hindustan Antibiotics, ONGC-HPCL, IOCL, Tata Steel, Jindal Steel, Saint Gobain]

#### **HEAVY ENGINEERING & LSTK CONTRACTORS:**

[Examples: Larsen & Toubro, ISGEC, ThyssenKrupp]

#### **CAPITAL EQUIPMENT OEMs & PACKAGERS:**

[Examples: Atlas Copco, Kirloskar, Ion Exchange, Alfa Laval, Thermax, Praj, Forbes Marshall, MAN, Godrej]

### ENGINEERING CONSULTANTS, PROCESS LICENSORS & TECHNOLOGY OWNERS:

[Examples: VATECH WABAG, VeriSpring Airfins, Sterling & Wilson]

#### **GENERAL TRADERS:**

[Examples: LIWA, Exxel Objects]

#### **NOTABLE PRODUCTS THAT WE SPECIALIZE IN:**



<u>Materials of Construction:</u> Mild Steel, Carbon Steel, Stainless Steel, Alloy Steel, Duplex & Super-duplex Alloys, Exotic Alloys

Codes & Standards: ASME, NB, IBR, PESO, TEMA, IS

Scope of Work (With overall Project Management & Document Control + Liaise with TPIs as required & necessary):

- Engineering: Process calculation & optimization + Mechanical design & optimization + Lifting Analysis + Generation of fabrication drawings;
- Procurement: Raw material procurement + Electrical & instrumentation procurement;
- Construction: Complete machining & fabrication + In-factory system integration + Testing + Packing + Dispatch support;
- After-sales Support: MRO, Refurbishment, Retrofitting;

**<u>Product Range</u>** – Complete systems or components thereof (Including, but not limited to):

- Complete Heat Exchangers:
  - o Air-cooled, Water-cooled, Shell-&-Tube, Calorifiers, Evaporators;
- Pressure Vessels (For Air, Oxygen, Hydrogen, Nitrogen, other Industrial & Medical Gases, Water Expansion):
  - Air Receivers;
  - LPG, Propane Bullets;
  - Deaerators, Storage & Re-circulation Tanks;
  - Volume Bottles;

#### Boilers:

- o Complete Boiler Equipment including Steam Drum & Water Drum;
- Super-heater / Economizer Coils;
- Boiler Wall Panels;
- All other boiler accessories;

#### Skids:

- o Pressure Reducing & De-superheating Stations (PRDS); Flow Metering Skids; Gas Mixing & Gas Separation Skids;
- o Fluid Filtering & Re-circulation Skids, Chemical Injection Skids;

#### • Piping:

- Pre-fabricated Piping Skids & Manifolds;
- Steam & Hydraulic Piping & Distribution Headers;
- o Exotic materials fabrication such as stainless-steel RO & UF Headers, Duplex & Super Duplex Piping Spools & Skids;
- ... Along with Base-frames, Structures, Access Ladders, Maintenance Platforms, Walk-ways, other Structural Fitments & Accessories as required or necessary per good engineering practices;
- ... We also carry out on-site installation of piping equipment & on-site erection of complete boiler equipment.

### **FACTORY PRODUCTION EXAMPLES (SKIDS, SYSTEM ASSEMBLIES):**











### FACTORY PRODUCTION EXAMPLES (DEARATORS, TANKS, LPG BULLETS):











### **FACTORY PRODUCTION EXAMPLES (SURGE VESSELS, AIR RECEIVERS):**











## **FACTORY PRODUCTION EXAMPLES (TANKS, PRESSURE VESSELS):**





## **FACTORY PRODUCTION EXAMPLES (TANKS, PRESSURE VESSELS...):**









## FACTORY PRODUCTION EXAMPLES (BOILER DRUMS, COILS & PANELS):











### **FACTORY PRODUCTION EXAMPLES (PROCESS PIPING & FLUID HEADERS):**











## **FACTORY PRODUCTION EXAMPLES (DUPLEX & SUPER DUPLEX SS):**











### **FACTORY PRODUCTION EXAMPLES (HEAT TRANSFER SYSTEMS):**











## **FACTORY PRODUCTION EXAMPLES (NOF CASINGS, MISCELLANEOUS):**









## **SITE FABRICATION EXAMPLES (BULK STORAGE TANK FARMS):**











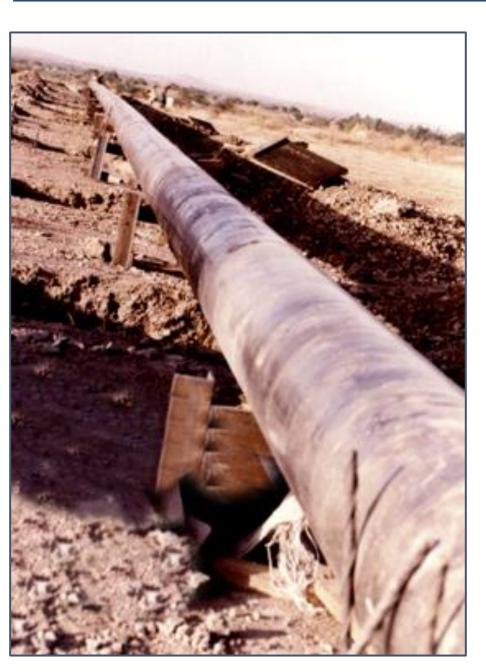
### **SITE FABRICATION EXAMPLES (BOILER FOR POWER GENERATION):**





## **SITE FABRICATION EXAMPLES (UTILITY PIPING):**









## **SITE INSTALLATION EXAMPLES (STORAGE / TRANSFER SYSTEMS):**





## **SITE INSTALLATION EXAMPLES (STORAGE / TRANSFER SYSTEMS):**









#### **SOME OF OUR ESTEEMED CLIENTS:**

































































Pneumatic

#### **WORKING RELATION WITH EXTERNAL AGENCIES:**





































### **PLEASE DO NOT HESITATE TO CONTACT US & VISIT OUR WORKS:**



COMPANY NAME:	ALBAJ ENGINEERING CORPORATION PRIVATE LIMITED				VEE BEE INDUSTRIES
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GENERAL MANAGER (FACTORIES):	MR. KAMALES SARKAR:	sarkark@	rk@albaj.com [EA TO GM: MS. CHITRA VIJAYAN: adminplant@albaj.com]		
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INDIAN GOODS & SERVICE TAX ID:	GST # 27AAMCA0751D1ZY				GST # 27AAAFV1053C1ZO
OTHER STATUTORY TAX IDs:					
CORPORATE ID NUMBER:					
IMPORT-EXPORT CODE & MEMBERSHIPS WITH INDUSTRY & TRADE ASSOCIATIONS:					
MICRO, MEDIUM & SMALL ENTERPRISE REGISTRATION ID:	COMPANY'S SENSITIVE INFORMATION: ALL CREDENTIALS VALIDATED, & WOULD BE MADE AVAILABLE ON REQUEST			F   1	COMPANY'S SENSITIVE INFORMATION: ALL CREDENTIALS VALIDATED, & WOULD BE MADE AVAILABLE ON REQUEST
TECHNICAL REGISTRATIONS, CERTIFICATIONS & APPROVALS:					
PAST TRACK RECORD & DETAILS OF MANUFACTURING FACILITIES:					

Safety, quality, confidentiality as well as employee-, supplier- & client-satisfaction is our goal