



# PHOENIX

ENGINEERS AND PROJECTS

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Your Trusted Project Partner



COMPANY PROFILE





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## WHO WE ARE

**PHOENIX**  
ENGINEERS AND PROJECTS



**YOUR TRUSTED  
PROJECT PARTNER**

**We Are The EPC Company in air treatment  
technology and controlled environment projects**



## ABOUT US



Established in Year-2011 with a vision to lead as innovative and interactive solution providing EPC Company,

# Phoenix Engineers And Projects (PEAP)

Offers Engineering solutions to Pharmaceutical, Biopharma, Healthcare, Nutraceutical, API, Food-Beverage, Fine-Chemical and other Industries.

- ⊕ The PEAP existence is with a strong base of hands-on experienced Professionals of Project execution and commissioning in leading Pharmaceuticals, Biopharma, Healthcare, Nutraceuticals Industries for more than 20 Years.
- ⊕ PEAP provides a complete Turnkey solutions, from concept to completion of your time-framed project.
- ⊕ PEAP provides supply-installation-commissioning / handover including operation and maintenance assistance.
- ⊕ Major thrust is understanding the requirement of product and process for appropriate design.
- ⊕ Established Good Engineering Practices ensures building of innovative areas and facilities controlled environment solutions complying user's requirements, safety and other requirements.



## WHY PEAP?

# PEAP, your Cleanroom-HVAC Project Partner



- + PEAP is a EPC company with over 10 years of experience in air treatment technology and controlled environment projects.
- + Our in-house expert team of specialists will advise and support you from the initial design of your project to the commissioning process.
- + We believe in the Quality work and not The Quantity work: Consistency in the quality parameters is one of our team's goal and is being achieved to its level best.



## WHY PEAP?

- + Commitment to every aspect of the project, from the design, procurement, construction / execution, validation, handover. Enough attention is given for after-sales-services and completion of every aspect complying to its intended outcome and design specifications.
- + Our team is committed to ensure the compliance of our services to the given design and is Customized as per your application with a consideration of Cost effectiveness & Energy efficient solutions.
- + Unreasonably delayed project leads to additional cost to clients and loss of many opportunities aimed. The team of PEAP is experienced in ensuring that the project is completed right the first time, every time, meaning that none of your budget is compromised.



*PEAP is experienced in ensuring that the project is completed right first time, every time, meaning that none of your budget is compromised.*





## MISSION



As a long-lived bird Phoenix, PEAP looks for its continuous existence for national and international services striving for ultimate quality, energy efficient and commercially viable solutions.

Every effort shall be made for sustainable development by implementing strict financial stability and statutory compliant systems for uninterrupted services to our customers.



## CULTURE

PEAP is about people. We believe in building long-term relationships with our clients and as well as with our employees.



## GUIDING PRINCIPLES



- + Compliance To Products And Process Requirements
- + Safety And Quality
- + Understand Our Patrons
- + Reverence Always
- + Deliver The Best



## GUIDING PRINCIPLES

### + Compliance to Product and Process Requirements

PEAP believes in delivering solutions which are as per the specific requirement of the product/s to be handled and as per the process/s of its specific operation. We work hand-in-hand during the conceptual design of the required solutions and understands the nature of your product/s and process/s which may have potential impact of our services to be provided to you.

### + Safety and Quality

Safety first and quality must. We believe in everyone's safety with us and around us. It's foremost in our thinking. For everyone around us, in everything we do and wherever we impact.



## GUIDING PRINCIPLES

### + Understand Our Patrons

Participation and consultation to derive the parameters of user's need and product-process controls along with the applicable regulatory bodies obligations, if any.

### + Reverence Always

We are open, honest and transparent with each other to enable us to achieve the same goal. Interactive approach with the customer to optimize and customize designs and services to fulfill every need and control identified.



## GUIDING PRINCIPLES

### Deliver The Best

As per our business tagline we are always Your Trusted Project Partner. Building better than best by understanding the process need and its right synchronization with the available technological options is the motto of PEAP-Team.



## PEAP IN NUMBERS

**200+**

Projects  
Done

**50+**

Happy  
Clients

**20+**

Years of  
Expertise

**15+**

Team  
Strength



NEXT IS ALL YOU ARE LOOKING FOR...

# INNOVATIVE AND INTERACTIVE SOLUTIONS





## OUR SERVICES

- + Turnkey Services
- + HVAC / Clean-zone Equipment's & Accessories
- + Mechanical / Utility Room & Electrical
- + Retrofitting / Refurbishment / Remodelling Projects
- + Modular-partitions And Ceilings
- + Maintenance Management & Energy Saving Solutions





## OUR TURNKEY SERVICES

A successful turnkey project is based on our SMART proposals,

- S: Specific
- M: Measurable
- A: Achievable
- R: Robust
- T: Time-framed

SMART solutions are at every mile-stones of your project cycle  
(Design-Installation-Commissioning-Operation-Maintenance)



## OUR TURNKEY SERVICES

### In-House Specialists: Experts Dedicated To Your HVAC-Cleanroom Project

- + Preliminary Engineering / Concept Study
- + Feasibility Report
- + Front End Engineering
- + Commissioning, Validations & Handover
- + Detailed Engineering
- + Manufacturing And Construction
- + Shipping & Installation



## HVAC / CLEAN-ZONE EQUIPMENT'S & ACCESSORIES

HVAC is key segment in Pharmaceutical Facility; and we proud say, we are (there) with you. We design, ship & installs system in manner which gives you satisfaction and saves your time, money and future recurring costs.

HVAC is general term for indoor environmental comfort. When it comes to clean rooms HVAC means a lot more than comfort. The cleanroom HVAC controls the temp. and the humidity to your appropriate levels of precision, similar to standard HVAC. In addition to comfort, cleanroom HVACs differentiate themselves from conventional systems with their increased air supply, airflow patterns, use of high efficiency filters and room pressurisation.

Clean room HVAC designs involve knowledge of regulations, cleanliness level guidelines, airflow, room pressurisation, temperature control, humidity control and accounting of activities taking place inside.



## HVAC / CLEAN-ZONE EQUIPMENT'S & ACCESSORIES

We design and supply the best HVAC solution for your clean-room, meeting both your requirements and your budget.

HVAC is at the heart of your clean room, and we know importance of heart in any system.

With our rich experienced in-house engineering team, PEAP will analyse in all the aspects of the HVAC requirements in order to design, build and deliver you energy efficient system that exceeds your requirements and that too within your budgets.



# HVAC / CLEAN-ZONE EQUIPMENT'S & ACCESSORIES





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## MECHANICAL / UTILITY ROOM & ELECTRICAL

Mechanical Room is space or area which contains equipment providing heating, cooling, ventilation, plumbing distribution, or mechanical / plumbing system utility generation and distribution capabilities. Each and Every industry requires utilities to run their industry. We have highly experienced engineering team who can assist you to

- + Finalize types utility services and required capacities to your company.
- + Selection of suitable equipment
- + Layout design and detailing of Mechanical Room
- + Equipment footprint i.e. equipment arrangement plan in Mechanical Room
- + Design of allied system. i.e. pipe with accessories, pumps and accessories (plumbing system)
- + Finalize electrification requirements, electrical rooms
- + Supply & Installation of above systems
- + After sales service and maintenance.



# MECHANICAL / UTILITY ROOM & ELECTRICAL

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# MECHANICAL / UTILITY ROOM & ELECTRICAL







## RETROFITTING / REFURBISHMENT / REMODELLING PROJECTS

Many companies have their existing HVAC-Cleanroom set up which doesn't comply with cGMP, Regulatory guidelines and needs renovate or upgrade to use facility as per latest norms.

Our expert team will design & execute HVAC-Cleanroom set up for you which gives benefits;

- + Energy efficient project design
- + Minimal or Zero production halt
- + Consistent layout to suit cGMP or regulatory guidelines which you are following or intend to follow.
- + With no compromise in quality
- + Within your budget
- + Completion in time.



# RETROFITTING / REFURBISHMENT / REMODELLING PROJECTS

- + Services after Project handover  
In Retrofit / Refurbish projects, methodology for planning and execution of Retrofit Project of Pharmaceutical Formulation Unit.
- + Review of the existing unit for the required information to understand and analyses the nature of the project with reference to category of the product/ dosage forms/ expected capacity of the factory in terms of Units and the scope of work.
- + Preliminary Gap Analysis Report (PGA-Report), for client review to decide and conclude requirements
- + Detailed Gap Analysis Report (DGA-Report) based on Client's input of Dosage forms, Annual Capacities, Target regulatory compliances, method for building construction, GMP/ EHS/ Marketing/ sales requirement etc.



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## MODULAR-PARTITIONS AND CEILINGS

Cleanroom doesn't mean cleanroom construction only. It has great meaning in Pharmaceutical industry. Appropriate layout suitable to production requirements, customized layout within available space to suit various audit / regulatory requirements.

And we are the experts to design such a layouts / facility. Improper facility leads to difficulty in regular production activities, burden on running costs, audit points etc.

PEAP prides itself in a proven in-house technical ability to take a client brief and develop a concept for the front end design stage of a cleanroom facility.

Early engagement is key to successful outcomes for end users and our integrated approach will ensure alignment on the understanding of user needs, environmental and regulatory compliances.



# MODULAR-PARTITIONS AND CEILING

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# MAINTENANCE MANAGEMENT & ENERGY SAVING SOLUTIONS

Maintenance is at the foundation of system life cycle methodology and very technical in its function. In the chain of events in the equipment system life cycle, maintenance is the connecting dot between campaigns or sequences of equipment operations.

Maintenance's value comes through applied knowledge, derived from information, which comes out of organized data. PEAP provides every assistance for uninterrupted operations of our services and solutions and major thrust on aspect of optimum energy design.

We takes assignments of refurbishment/ revamping of existing systems / units which can potentially result in proper maintenance and optimization of energy.



# PROJECT EXAMPLES





# PROJECT EXAMPLES





# PARTIAL LIST OF ESTEEMED PATRONS



Ascent Total Solution Pvt. Ltd.



**LUPIN**



Qualigens Pharma





## CONTACT US



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Industrial Estate, Narhe, Pune- 411 041 , Maharashtra,  
India





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**THANK YOU!**